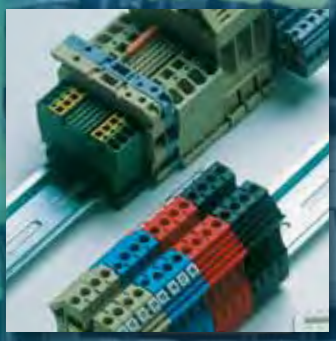
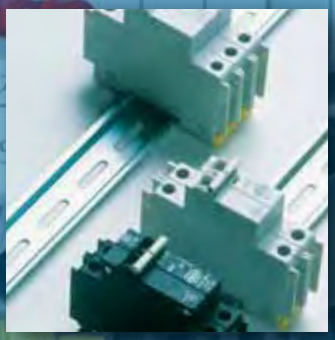
American Electrical, Inc.
Full Line Catalog

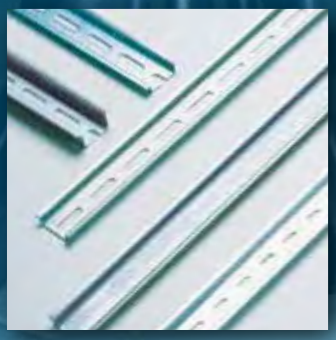
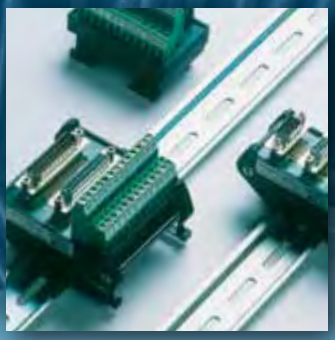
FOURTH EDITION

Connection, Power, & Protection...for less

THINK *INSIDE* THE BOX





COMPANY HISTORY

American Electrical, Inc. was founded in 1997 by Thomas McCormick, former Vice President of Sales for Weidmuller, Inc. The Company concept was born over lunch with fellow associates literally on a napkin. American Electrical, Inc. was developed with a special German supplier relationship – who after a business meeting provided McCormick with a price list and a handshake. The Company flourished due to strong friendships, business relationships, and people who were unafraid to help a new organization grow. McCormick will never forget those special people and Distributors who first helped him get started – Thank You.

McCormick dreamed of a Company that responded quickly, shipped on time and provided quality products at a great price. He envisioned a workplace that was not compartmentalized, one where each person could be responsible for the Customer throughout the entire specification/order chain. He felt the satisfaction of the employees would create a powerful Customer Service entity which in return would create customer loyalty.

McCormick built the product lines offered by partnering with Companies who specialized in a product area but were smaller in scope – the businesses that were looking to break into the U.S. industrial market, but with no intentions of putting up brick and mortar. Today, American Electrical, Inc. has 12 product lines and is still growing. Our dedicated employees all work hard to serve our valued customers – helping them to "Think Inside the Box."

Quality Statement

American Electrical, Inc. is a supplier of high quality industrial electrical components. All of our products are manufactured in accordance to international standards, such as UL, CSA, CE and more.

RoHS (EU directive 2002/95/EC):

We certify all of our products comply with the RoHS Directive of January 27, 2003. All product lines are free of banned substances to include lead, mercury, cadmium, hexavalent chromium, PBB and PBDE.

compliant RoHS

OUR CORE BELIEFS

We have an acronym we call "FAST" that has both a true and underlying meaning. Of course the underlying message to our customers is that we try to do things as quickly as possible. Whether that's a quotation, price check, availability question, shipping or information request – we do it now – we know and understand that there are eager customers or potential customers waiting on us and their time is as valuable as ours.

Our word FAST also has a definitive meaning:

F – To be Flexible in our ability to serve the customer, to be able to effectively wear the different "hats" that are required in a smaller organization and to have the customers' service issues in mind at all times.

A – To be Accurate in everything we do – from specification to delivery. We understand the consequences of mistakes and the domino effect they can have on the practices of our customers and our combined businesses. Mistakes cost money and time. We seek the proper training to insure that we follow the correct procedures and have the product knowledge necessary to be correct. We know that we need to do it right all the time to eliminate the necessity to do it over.

S – To act with Speed in all that we do. We know the customer waits for our response or our products and we do not need to waste that time – for we understand that time is money. We want to be able to ship today, quote and specify now, fax immediately, confirm orders on receipt – respond NOW. For we know that this will win our customers' support, future business and trust.

T – To act as a Team so that our effort is multiplied to produce a much greater result for our customers. To have the positive attitude that is so common in winners. The understanding that people want to be winners and work with winners – with people who are successful not only in what they do but how they work together. We are a Team who acts as one on behalf of our dedicated customers, whom we would be nothing without.

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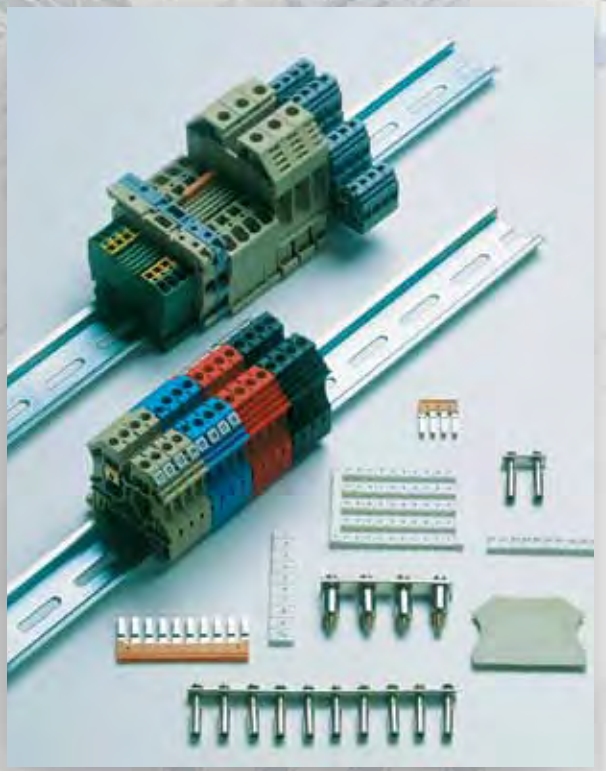
Din Rail Mounted Terminal Blocks

American Electrical offers the Klemsan line terminal blocks – saving time, space, and money. The terminal blocks are DIN Rail mountable and can be installed into various configurations quickly. Klemsan has over 35 years of terminal block history with all international approvals. American Electrical and Klemsan partnered in 2002 to be the first and only supplier of Klemsan Terminal Blocks in the United States.

Din rail mounted terminal blocks are used worldwide. Our terminal blocks are used in any machine or process control interface application.



Materials and Function

Housings – The plastic housing holding the metallic screws and clamps is made of UL 94 V2 (105 degree C) thermoplastic polyamide 6.6. This plastic and its certification allow operation rated at 600V, providing ample dielectric strength for any Industrial Application.

Clamps (made of steel) - Steel is one of the strongest materials available for its value. The clamps are zinc plated to guard against corrosion. When properly torqued, the clamp is designed to self-lock.

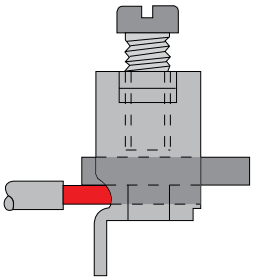
Screws – Made of steel as well, the screws act as a system with the clamps – this system requires the same materials for each component. The screws lift and help to self-lock the clamps providing a downward force onto the conductors. The screws are also plated with a Zinc finish to prevent any form of corrosion.

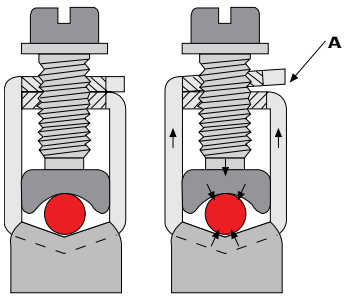
Connection Types

Screw Connection

This is the most popular of all known connection methods. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any preparation.

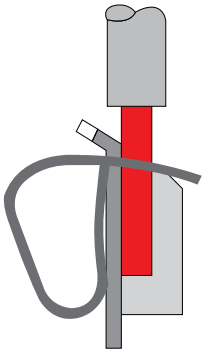
When the screw is tightened, the pressure pulls apart both halves of the clamping yoke. This generates a high locking action on the screw and provides excellent vibration resistance.





Tension Clamp System

Tension clamp connection allows the conductor to be pressed directly against the current bar. The clamp is opened with a screwdriver allowing the insertion of the conductor.

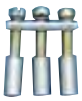


Accessories

End Plate – Terminal Blocks are manufactured with one open end allowing side by side placement. An end plate is necessary for the last terminal block in the assembly enabling full enclosure.

Partition – The partition allows visual separation of circuits and for electrical separation due to adjacent cross connections.

End Bracket – To prevent terminal blocks from falling off the DIN Rail, they must be secured on each side. This is accomplished with end brackets screwed onto the rail. Two end brackets are necessary – one on each side of the continuous assembly designed.



Cross Connections – Cross Connections distribute potentials within an assembly. Standard poles of 2, 3, 4, or 10 are available to satisfy your design requirements

Marking Tag – Marking tags are used for circuit identification and easier troubleshooting. We have many numbers and letters available that will make your designed assembly unique. Horizontal markers for DIN Rail mounted horizontally and vertical for assemblies mounted vertically.

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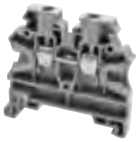

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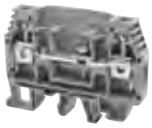

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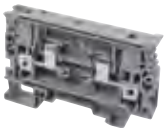

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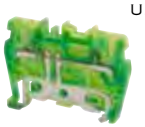
WGT Series Ground Terminals 52

PYK Series Practical Spring Clamp Terminals 54

USER DOES NOT HAVE TO OPEN CLAMP

PYK Series Spring Clamp Ground Terminals 56

USER DOES NOT HAVE TO OPEN CLAMP



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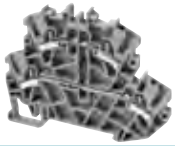
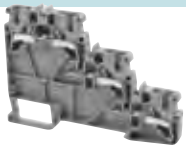


PYK Series Spring Clamp Sensor Terminals 64



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AVK Series

Feed-Through Terminal Blocks and Accessories

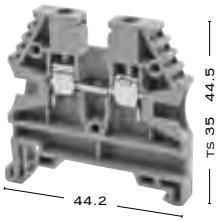
AVK type terminals are manufactured from thermoplastic raw material. Grey being the main color, five different colors give users additional choices for visual separation of control circuits and/or voltage levels.

Colors	Terminals	End Plate	Partition
	Part Number	Part Number	Part Number
	AVK 2.5	**NPP**	**APP**
GREY	**304 120**	**444 120**	**462 120**
BLUE	**304 121**	**444 121**	**462 121**
GREEN	**304 122**	**444 122**	**462 122**
YELLOW	**304 123**	**444 123**	**462 123**
RED	**304 124**	**444 124**	**462 124**
BEIGE	**304 129**	**444 129**	**462 129**
	AVK 4	**NPP**	**APP**
GREY	**304 130**	**444 120**	**462 120**
BLUE	**304 131**	**444 121**	**462 121**
GREEN	**304 132**	**444 122**	**462 122**
YELLOW	**304 133**	**444 123**	**462 123**
RED	**304 134**	**444 124**	**462 124**
BEIGE	**304 139**	**444 129**	**462 129**
	AVK 6	**NPP**	**APP**
GREY	**304 140**	**444 120**	**462 120**
BLUE	**304 141**	**444 121**	**462 121**
GREEN	**304 142**	**444 122**	**462 122**
YELLOW	**304 143**	**444 123**	**462 123**
RED	**304 144**	**444 124**	**462 124**
BEIGE	**304 149**	**444 129**	**462 129**
	AVK 10	**NPP**	**APP**
GREY	**304 150**	**444 120**	**462 120**
BLUE	**304 151**	**444 121**	**462 121**
GREEN	**304 152**	**444 122**	**462 122**
YELLOW	**304 153**	**444 123**	**462 123**
RED	**304 154**	**444 124**	**462 124**
BEIGE	**304 159**	**444 129**	**462 129**

AVK 2.5

Width 5 mm

304 120



torque: 0.4 Nm

Electrical Ratings	Voltage/Current/Cross-section
TSE / CE (EN 60947-7-1)	750 V ~ / 24 A / 2.5 mm²
VDE / VDE (IEC 60947-7-1)	750 V ~ / 24 A / 2.5 mm²
UL / CSA	600 V ~ / 20 A / AWG 26 - 12 (CSA: AWG 28 - 12)
ATEX	630 V ~ / 23 A
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm²
Insulation Stripping Length / Torque	10 mm / 0.4 Nm (CSA: 0.5 Nm)

Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	AVK 2.5	**304 120**	100

Mounting Rails	Type	Part. No.	Std. Pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
Steel slot dim. / Aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m

End Bracket			
Thickness 8mm, KD 3 — Grey	KD 3	**495 049**	100

End Plate - Disconnect Plate			
Width 1.5 mm, Polyamide 66 — Grey (NPP)	NPP 2.5-10	**444 120**	100
Grey (APP)	APP 2.5-10	**462 120**	25

Small Partition			
Grey	AD1	**467 919**	100

Cross Connection			
	UK 2.5/2	**474 122**	25
	UK 2.5/3	**474 123**	20
	UK 2.5/4	**474 124**	15
	UK 2.5/10	**474 129**	5

Test Plug-Soc. / Ins. Test Soc.			
TF, ITK, T5K	TF (Ø2)	**493 020**	5

Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25

Group Marking			
GE, GE2 — Grey	GE	**496 119**	50
	GE 2	**496 250**	25

Technical Data	
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4 mm² / 32 A
• Rated Impulse Voltage / Pollution severity	8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3
• Protection class / Protection conductor type	IP 20 / -

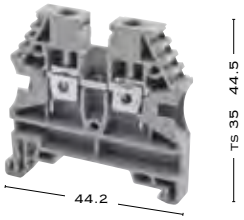
Marking Tags

See pages 104 & 105 for further detail

AVK 4

Width 6 mm

304 130



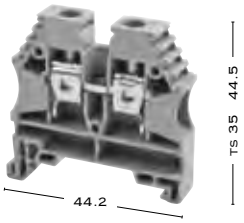
torque: 0.5 Nm

Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
750 V ~ / 32 A / 4 mm²		
600 V ~ / 30 A / AWG 26 - 10 (CSA: AWG 28 - 10)		
630 V ~ / 30,5 A		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
10 mm / 0.5 Nm (CSA: 0.8 Nm)		
Type	Part. No.	Qty.
AVK 4	**304 130**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP 2.5-10	**444 120**	100
APP 2.5-10	**462 120**	25
AD1	**467 919**	100
UK 4/2	**474 132**	25
UK 4/3	**474 133**	20
UK 4/4	**474 134**	15
UK 4/10	**474 139**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 41 A		
8 kV / 3		
1 / B4		
IP 20 / -		

AVK 6

Width 8 mm

304 140



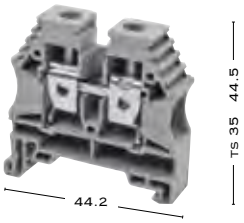
torque: 0.8 Nm

Voltage/Current/Cross-section		
630 V ~ / 41 A / 6 mm²		
630 V ~ / 41 A / 6 mm²		
600 V ~ / 50 A / AWG 26 - 8 (CSA: 40A / AWG 28 - 8)		
630 V ~ / 41 A		
0.5 - 10 mm² / 0.5 - 10 mm²		
26 - 8 / 0.5 - 6 mm²		
12 mm / 0.8 Nm (CSA: 1.2 Nm)		
Type	Part. No.	Qty.
AVK 6	**304 140**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP 2.5-10	**444 120**	100
APP 2.5-10	**462 120**	25
AD1	**467 919**	100
UK 6/2	**474 142**	25
UK 6/3	**474 143**	20
UK 6/4	**474 144**	15
UK 6/10	**474 149**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 10 mm² / 10 mm² / 57 A		
8 kV / 3		
1 / B5		
IP 20 / -		

AVK 10

Width 10mm

304 150



torque: 1.2 Nm

Voltage/Current/Cross-section		
630 V ~ / 57 A / 10 mm²		
630 V ~ / 57 A / 10 mm²		
600 V ~ / 65 A / AWG 16 - 6		
630 V ~ / 57 A		
1.5 - 16 mm² / 1.5 - 16 mm²		
16 - 6 / 1.5 - 10 mm²		
12 mm / 1.2 Nm (CSA: 1.4 Nm)		
Type	Part. No.	Qty.
AVK 10	**304 150**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP 2.5-10	**444 120**	100
APP 2.5-10	**462 120**	25
AD1	**467 919**	100
UK 10/2	**474 152**	25
UK 10/3	**474 153**	20
UK 10/4	**474 154**	15
UK 10/10	**474 159**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.5 - 16 mm² / 16 mm² / 76 A		
8 kV / 3		
1 / B6		
IP 20 / -		

AVK Series

Feed-Through Terminal Blocks and Accessories

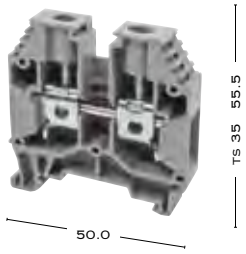
AVK type terminals are manufactured from thermoplastic raw material. Grey being the main color, five different colors give users additional choices for visual separation of control circuits and/or voltage levels.

Colors	Terminals	End Plate	Partition
	Part Number	Part Number	Part Number
	AVK 16	**NPP**	**APP**
GREY	**304 160**	**444 120**	**462 120**
BLUE	**304 161**	**444 121**	**462 121**
GREEN	**304 162**	**444 122**	**462 122**
YELLOW	**304 163**	**444 123**	**462 123**
RED	**304 164**	**444 124**	**462 124**
BEIGE	**304 169**	**444 129**	**462 129**
	AVK 16 RD	**NPP**	**APP**
GREY	**304 240**	**444 120**	**462 120**
BLUE	**304 241**	**444 121**	**462 121**
GREEN	**304 242**	**444 122**	**462 122**
YELLOW	**304 243**	**444 123**	**462 123**
RED	**304 244**	**444 124**	**462 124**
BEIGE	**304 249**	**444 129**	**462 129**
	AVK 25 RD	**NPP**	**APP**
GREY	**304 290**	**444 120**	**462 120**
BLUE	**304 291**	**444 121**	**462 121**
GREEN	**304 292**	**444 122**	**462 122**
YELLOW	**304 293**	**444 123**	**462 123**
RED	**304 294**	**444 124**	**462 124**
BEIGE	**304 299**	**444 129**	**462 129**
	AVK 35 RD	**NPP**	**APP**
GREY	**304 250**	**444 120**	**462 120**
BLUE	**304 251**	**444 121**	**462 121**
GREEN	**304 252**	**444 122**	**462 122**
YELLOW	**304 253**	**444 123**	**462 123**
RED	**304 254**	**444 124**	**462 124**
BEIGE	**304 259**	**444 129**	**462 129**
	AVK 35 IRD	**NPP**	**APP**
GREY	**304 260**	**444 120**	**462 120**
BLUE	**304 261**	**444 121**	**462 121**
GREEN	**304 262**	**444 122**	**462 122**
YELLOW	**304 263**	**444 123**	**462 123**
RED	**304 264**	**444 124**	**462 124**
BEIGE	**304 269**	**444 129**	**462 129**

AVK 16

Width 12 mm

304 160



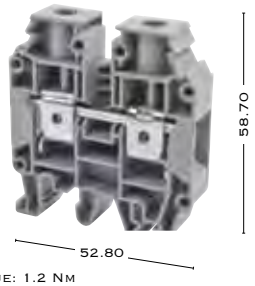
Torque: 1.2 Nm

Electrical Ratings	Voltage/Current/Cross-section	
TSE / CE (EN 60947-7-1)	750 V ~ / 76 A / 16 mm²	
VDE / VDE (IEC 60947-7-1)	750 V ~ / 76 A / 16 mm²	
UL / CSA	600 V ~ / 85 A / AWG 12-4	
ATEX	630 V ~ / 71 A	
Connection Data		
Solid Strand, Screw Con. - Fine Strand, Screw Con.	1.5 - 25 mm² / 1.5 - 25 mm²	
AWG Conductor / Fine Strand with Ferrule	12 - 4 / 1.5 - 16 mm²	
Insulation Stripping Length / Torque	16 mm / 1.2 Nm	
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	AVK 16	**304 160**	50
Mounting Rails	Type	Part. No.	Std. Pk.
TS 35x7.5 solid / TS 35x7.5 slotted / TS 35x15 solid / TS 35x15 slotted	slotted		
	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
Steel slot dim. / Aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm, KD 3 — Grey	KD 3	**495 049**	100
End Plate - Disconnect Plate			
Width 1.5 mm - Polyamide 66 — **Grey**	NPP/AVK 16	**444 160**	100
Grey	APP/AVK 16	**462 160**	100
Small Partition			
Grey			
Cross Connection			
	UK 16/2	**474 162**	25
	UK 16/3	**474 163**	20
	UK 16/4	**474 164**	15
	UK 16/10	**474 169**	5
Test Plug-Soc. / Ins. Test Soc.			
TF	TF (Ø4)	**493 040**	5
ITK / T5K	TSK 8 (Ø4)	**490 080**	5
	ITK 32 (Ø4)	**492 020**	5
Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25
Group Marking			
GE / GE2 — Grey	GE	**496 119**	50
	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	1.5 - 25 mm² / 25 mm² / 101 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B7		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

AVK 16 RD

Width 12 mm

304 240

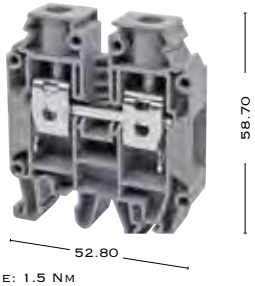


torque: 1.2 Nm

AVK 25 RD

Width 12 mm

304 290

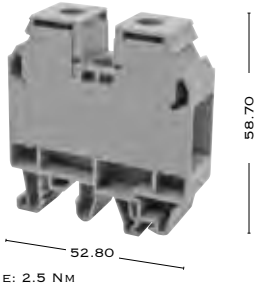


torque: 1.5 Nm

AVK 35 RD

Width 16 mm

304 250

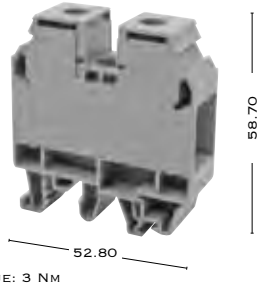


torque: 2.5 Nm

AVK 35 IRD

Width 16 mm

304 260



torque: 3 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
750 V ~ / 76 A / 16 mm²			750 V ~ / 101 A / 25 mm²			750 V ~ / 125 A / 35 mm²			750 V ~ / 125 A / 35 mm²		
750 V ~ / 76 A / 16 mm²						750 V ~ / 125 A / 35 mm²					
600 V ~ / 80 A / AWG 12-4						600 V ~ / 115 A / AWG 12 - 2			600 V ~ / 115 A / AWG 12 - 2		
630 V ~ / 76 A						630 V ~ / 125 A					
1.5 - 25 mm² / 1.5 - 25 mm²			1.5 - 35 mm² / 1.5 - 35 mm²			1.5 - 50 mm² / 1.5 - 35 mm²			1.5 - 50 mm² / 1.5 - 35 mm²		
12 - 4 / 1.5 - 16 mm²			12 - 2 / 1.5 - 16 mm²			12 - 2 / 1.5 - 35 mm²			12 - 2 / 1.5 - 35 mm²		
16 mm / 1.2 Nm			16 mm / 1.5 Nm			18 mm / 2.5 Nm			18 mm / 3 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 16 RD	**304 240**	50	AVK 25 RD	**304 290**	50	AVK 35 RD	**304 250**	40	AVK 35 IRD	**304 260**	40
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP/AVK 16 RD	**444 170**	100	NPP/AVK 25 RD	**450 250**	100	APP/AVK 35 RD	**462 180**	25	APP/AVK 35 IRD	**462 180**	25
						APP/AVK 35 RD	**462 181**	25	APP/AVK 35 IRD	**462 181**	25
APP/AVK 16 RD	**462 170**	25				APP/AVK 35 RD	**462 182**	25	APP/AVK 35 IRD	**462 182**	25
						APP/AVK 35 RD	**462 183**	25	APP/AVK 35 IRD	**462 183**	25
						APP/AVK 35 RD	**462 184**	25	APP/AVK 35 IRD	**462 184**	25
						APP/AVK 35 RD	**462 189**	25	APP/AVK 35 IRD	**462 189**	25
UK 16/2	**474 162**	25	UK 16/2	**474 162**	25	UK 35/2	**474 172**	25	UK 35/2	**474 172**	25
UK 16/3	**474 163**	20	UK 16/3	**474 163**	20	UK 35/3	**474 173**	20	UK 35/3	**474 173**	20
UK 16/4	**474 164**	15	UK 16/4	**474 164**	15	UK 35/4	**474 174**	15	UK 35/4	**474 174**	15
UK 16/10	**474 169**	5	UK 16/10	**474 169**	5	UK 35/10	**474 179**	5	UK 35/10	**474 179**	5
TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5	TSK 8 (Ø4)	**490 080**	5	TSK 9 (Ø4)	**490 090**	5	TSK 9 (Ø4)	**490 090**	5
ITK 32 (Ø4)	**492 020**	5	ITK 32 (Ø4)	**492 020**	5						
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
1.5 mm² / 25 mm² - 25 mm² / 32 A			1.5 mm² / 25 mm² - 25 mm² / 32 A			1.5 mm² / 50 mm² - 50 mm² / 125 A			1.5 mm² / 50 mm² - 50 mm² / 125 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B7			1 / B7			1 / B9			1 / B9		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

AVK T Series

Ground Terminal Blocks

The strict IEC requirement imposed on ground connections, such as low contact resistance, corrosion-free connection points, secured screws, green-yellow color coding and clear circuit identification are fully observed by the Klemsan ground terminal blocks

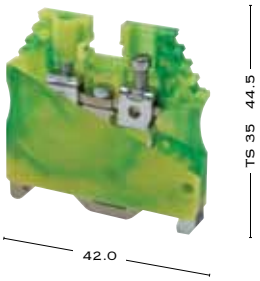
The structural design of the ground terminal block is based on mounting rails when used not only mechanically, but also electrically. Since these terminal blocks are properly insulated, it is possible to position the ground terminal block directly next to the current carrying terminals.

When DIN Rails are mounted to metallic cabinetry and properly connected to earth, the proper grounding process is complete.

AVK 2.5 / 4T

Width 6 mm

334 120



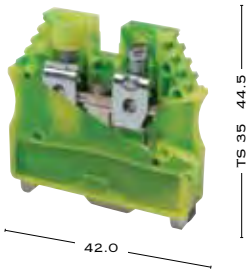
torque: 0.5 Nm

Electrical Ratings		Voltage/Current/Cross-section	
TSE / CE (EN 60947-7-2)		-V~ / -A / 4mm²	
VDE (IEC 60947-7-1) / IEC 60947-7-2		-V~ / -A / 4mm²	
UL / CSA		-V~ / -A / AWG 26-10 (CSA: AWG 28-10)	
ATEX		630 V	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 6 mm² / 0.5 - 6 mm²	
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0.5 - 4 mm²	
Insulation Stripping Length / Torque		10 mm / 0.5 Nm (CSA: 0.8 Nm)	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Yellow-Green		AVK 2.5/4 T	**334 120**	50
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	grey	KD 3	**495 049**	100
Group Marking				
GE	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 6 mm² -		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4		
• Protection class / Protection conductor type		IP 20 / PE		
marking Tags				
See pages 104 & 105 for further detail				

AVK 6 / 10 T

Width 10 mm

334 140

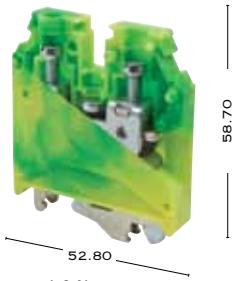


Torque: 1.2 Nm

AVK 16 T RD

Width 12 mm

334 200

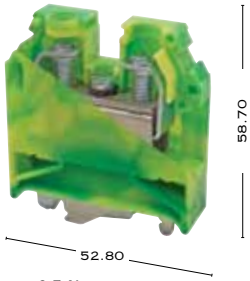


Torque: 1.2 Nm

AVK 35 T RD

Width 16mm

334 210

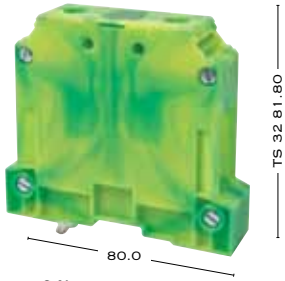


Torque: 2.5 Nm

AVK 50 T

Width 20mm

334 190



Torque: 6 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
-V~ / -A / 10mm²			-V~ / -A / 16mm²			-V~ / -A / 35mm²			-V~ / -A / 50mm²		
-V~ / -A / 10mm²			-V~ / -A / 16mm²			-V~ / -A / 35mm²					
-V~ / -A / AWG 16-8			-V~ / -A / AWG 12-4			-V~ / -A / AWG 12-2			-V~ / -A / AWG 6-1/0		
630 V			630 V			630 V			800 V		
1.5 - 16 mm² / 1.5 - 16 mm²			1.5 - 25 mm² / 1.5 - 25 mm²			1.5 - 50 mm² / 1.5 - 35 mm²			16 - 70 mm² / 25 - 50 mm²		
16 - 8 / 1.5 - 10 mm²			12 - 4 / 1.5 - 16 mm²			12 - 2 / 1.5 - 35 mm²			6 - 0 / 16 - 50 mm²		
12 mm / 1.2 Nm (CSA: 1.4 Nm)			16 mm / 1.2 Nm			18 mm / 2.5 Nm			20 mm / 6 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 6/10 T	**334 140**	25	AVK 16 T RD	**334 200**	50	AVK 35 T RD	**334 210**	40	AVK 50 T	**334 190**	10
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
0.5 - 16 mm² / .... -			1.5 - 25 mm² / ... -			1.5 - 50 mm² / ... -			16 - 70 mm² / ... -		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B6			1 / B9			1 / B9			1 / B10		
IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE		

AVK RD Series

Feed-Through Terminal Blocks and Accessories

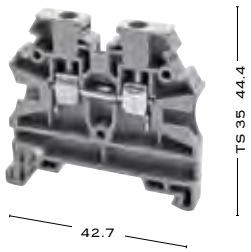
AVK type terminals are manufactured from thermoplastic raw material. Grey being the main color, five different colors give users additional choices for visual separation of control circuits and/or voltage levels.

Colors	Terminals	End Plate	Partition
	Part Number	Part Number	Part Number
	AVK 2.5 RD	**NPP**	**APP**
GREY	**304 200**	**444 120**	**462 120**
BLUE	**304 201**	**444 121**	**462 121**
GREEN	**304 202**	**444 122**	**462 122**
YELLOW	**304 203**	**444 123**	**462 123**
RED	**304 204**	**444 124**	**462 124**
BEIGE	**304 209**	**444 129**	**462 129**
	AVK 4 RD	**NPP**	**APP**
GREY	**304 210**	**444 120**	**462 120**
BLUE	**304 211**	**444 121**	**462 121**
GREEN	**304 212**	**444 122**	**462 122**
YELLOW	**304 213**	**444 123**	**462 123**
RED	**304 214**	**444 124**	**462 124**
BEIGE	**304 219**	**444 129**	**462 129**
	AVK 25 CC	**NPP**	
GREY	**324 909**	**444 130**	
BEIGE	**304 900**	**444 139**	
	AVK 4 C	**NPP**	
GREY	**325 109**	**450 170**	
BEIGE	**325 100**	**450 179**	
	AVK 4 GD	**NPP**	
GREY	**304 279**	**444 140**	
BEIGE	**304 270**	**444 149**	

AVK 2.5 RD

Width 5 mm

304 200



Torque: 0.4 Nm

Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1)	750 V ~ / 24 A / 2.5 mm²
VDE (IEC 60947-7-1)	750 V ~ / 24 A / 2.5 mm²
UL / CSA	600 V ~ / 20 A / AWG 26-12
ATEX	630 V ~ / 23 A
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm²
Insulation Stripping Length / Torque	10 mm / 0.4 Nm

Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	AVK 2.5 RD	**304 200**	100

Mounting Rails	Type	Part. No.	Std. Pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m

End Bracket			
Thickness 8mm, KD 3, Grey	KD 3	**495 049**	100

End Plate - Disconnect Plate			
Width 1.5 mm, Polyamide 66	NPP 2.5-10	**444 120**	100
	APP 2.5-10	**462 120**	25

Small Partition			
Grey			

Cross Connection			
480 ... / **476 ...**	UK 2.5/2	**476 222**	25
	UK 2.5/3	**476 223**	20
	UK 2.5/4	**476 224**	15
	UK 2.5/10	**476 229**	5

Test Plug-Soc. / Ins. Test Soc.			
TF	TF (Ø4)	**493 040**	5
ITK, T5K	TSK 8 (Ø4)	**490 080**	5
	ITK 32 (Ø4)	**492 020**	5

Warning Label			
IP, with symbol	IP 2 S	**498 130**	25
IP, without symbol	IP 2	**498 140**	25

Group Marking			
GE, GE2, Grey	GE	**496 119**	50
	GE 2	**496 250**	25

Technical Data	
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4 mm² - 32 A
• Rated Impulse Voltage / Pollution severity	8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3
• Protection class / Protection conductor type	IP 20 / -

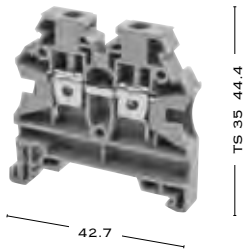
Marking Tags

See pages 104 & 105 for further detail

AVK 4 RD

Width 6 mm

304 210



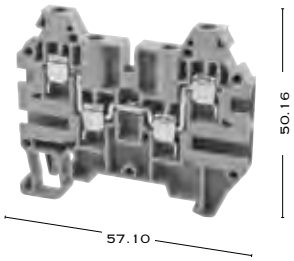
torque: 0.5 Nm

Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
750 V ~ / 32 A / 4 mm²		
600 V ~ / 30 A / AWG 26-10		
630 V ~ / 29 A		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
10 mm / 0.5 Nm		
Type	Part. No.	Qty.
AVK 4 RD	**304 210**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP 2.5-10	**444 120**	100
APP 2.5-10	**462 120**	25
UK 4/2	**476 232**	25
UK 4/3	**476 233**	20
UK 4/4	**476 234**	15
UK 4/10	**476 239**	5
TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5
ITK 32 (Ø4)	**492 020**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² - 41 A		
8 kV / 3		
1 / B4		
IP 20 / -		

AVK 2.5 CC

Width 5 mm

324 909



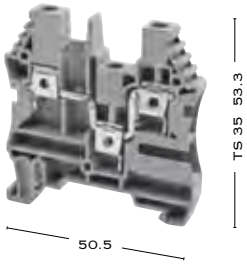
torque: 0.5 Nm

Voltage/Current/Cross-section		
750 V ~ / 24 A / 2.5 mm²		
600 V ~ / 20 A / AWG 26-12		
630 V ~ / 23 A		
0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 12 / 0.5 - 2.5 mm²		
10 mm / 0.5 Nm		
Type	Part. No.	Qty.
AVK 2.5 CC	**324 909**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP/AVK25CC	**444 139**	25
UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5
TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5
ITK 32 (Ø4)	**492 020**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² - 32 A		
8 kV / 3		
1 / B3		
IP 20 / -		

AVK 4 C

Width 6 mm

325 109



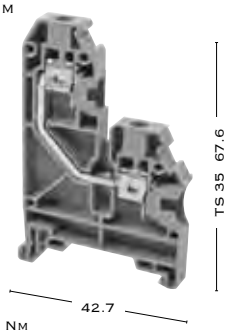
torque: 0.5 Nm

Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
600 V ~ / 30 A / AWG 22 - 10		
630 V ~ / 29.5 A		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
10 mm / 0.5 Nm		
Type	Part. No.	Qty.
AVK 4 C	**325 109**	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP AVK 4C	**450 170**	10
UK 4/2	**480 142**	25
UK 4/3	**480 143**	20
UK 4/4	**480 144**	15
UK 4/10	**480 149**	5
TF (Ø4)	**493 040**	5
TSK 9 (Ø4)	**490 090**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² - 41 A		
8 kV / 3		
1 / B4		
IP 20 / -		

AVK 4 GD

Width 6 mm

304 279



torque: 0.5 Nm

Voltage/Current/Cross-section		
500 V ~ / 24 A / 4 mm²		
500 V ~ / 30 A		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
9 mm / 0.5 Nm		
Type	Part. No.	Qty.
AVK 4 GD	**304 279**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP AVK 4 GD	**444 140**	25
UK 4/2	**476 232**	25
UK 4/3	**476 233**	20
UK 4/4	**476 234**	15
UK 4/10	**476 239**	5
TF (Ø4)	**493 040**	5
TSK 9 (Ø4)	**490 090**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 4 mm² - 32 A		
8 kV / 3		
1 / B4		
IP 20 / -		

AVK RD Series

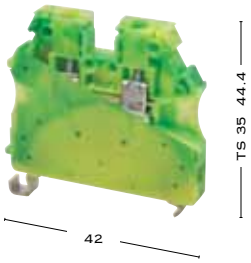
Ground Terminal Blocks and Accessories

AVK type terminals are manufactured from thermoplastic raw material. Grey being the main color, five different colors give users additional choices for visual separation of control circuits and/or voltage levels.

AVK 2.5 T RD

Width 5.75 mm

334 170



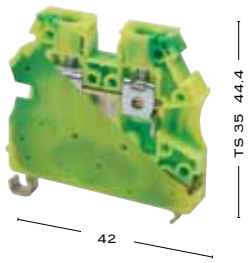
torque: 0.5 Nm

Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1 / EN 60947-7-2)		- V / ~ A / 2.5 mm²	
VDE (IEC 60947-7-1)		- V / ~ A / 2.5 mm²	
UL / CSA		- V / ~ A / AWG 26-12	
ATEX		630 V	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²	
AWG Conductor / Fine Strand with Ferrule		26 - 12 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		10 mm / 0.5 Nm	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Yellow-Green		AVK 2.5 TRD	**334 170**	50
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	NPP			
Cross Connection				
474 ...				
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE / GE2	grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / ....-....		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3		
• Protection class / Protection conductor type		IP 20 / PE		
Marking Tags				
See pages 104 & 105 for further detail				

AVK 4 T RD

Width 6.2 mm

334 180

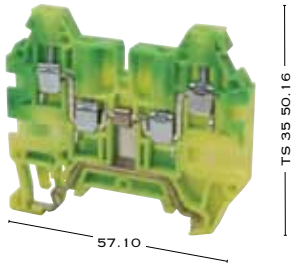


Torque: 0.5 Nm

AVK 2.5 CCT

Width 5 mm

334 220

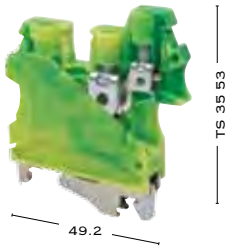


Torque: 0.5 Nm

AVK 10 T RD 4

Width 10mm

334 230

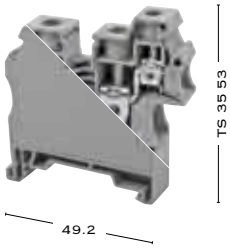


Torque: 1.5 Nm

AVK 10 RD 4

Width 10mm

334 289



Torque: 1.5 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V / ~ A / 4 mm²			- V / ~ A / 2.5 mm²			- V / ~ A / 10-4 mm²			800 V ~ / 57 A / 4 mm²		
- V / ~ A / 4 mm²											
- V / ~ A / AWG 26-10			- V / ~ A / AWG 26-12								
630 V			630 V								
0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			1.5 - 16 mm² / 1.5 - 16 mm²			1.5 - 16 mm² / 1.5 - 16 mm²		
26 - 10 / 0.5 - 4 mm²			26 - 12 / 0.5 - 2.5 mm²			16 - 6 / 0.5 - 10 mm²			16 - 6 / 0.5 - 10 mm²		
10 mm / 0.5 Nm			10 mm / 0.5 Nm			10-7 mm / 1.5 Nm			10-7 mm / 1.5 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 4 TRD	**334 180**	50	AVK 2.5 CCT	**334 220**	25	AVK 10 TRD	**334 230**	60	AVK 10 RD 4	**334 289**	60
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
			NPP AVK 2.5CCT	**444 132T**	25						
									UK 10/2	**474 152**	25
									UK 10/3	**474 153**	20
									UK 10/4	**474 154**	15
									UK 10/10	**474 159**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 6 mm² / ....-....			0.2 - 4 mm² / ....-....			0.5 - 16 mm² / ....-....			0.5 - 16 mm² / 16 mm² - 76A		
8 kV / 3			8 kV / 3			8 kV / 3			6 kV / 3		
1 / B4			1 / B3			1 / B6-A4			1 / B6-A4		
IP 20 / PE			IP 20 / PE			IP 20 / -			IP 20 / -		

MVK Series

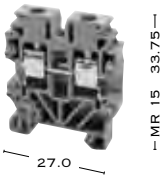
Mini Terminal Blocks for use with 15mm wide DIN Rail

MVK type terminals are manufactured from thermoplastic raw material. Grey being the main color.

Colors	Terminals	End Plate
	Part Number	Part Number
	MVK 2.5	**NPP**
GREY	**304 429**	**444 429**
BEIGE	**304 420**	**444 420**
	MVK 4	**NPP**
GREY	**304 439**	**444 429**
BEIGE	**304 430**	**444 420**

MVK 2.5

Width 5 mm
304 429



torque: 1.2 Nm

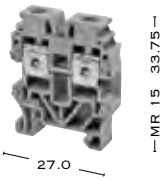
Electrical Ratings	Voltage/Current/Cross-section
TSE / CE (EN 60947-7-1 / EN60947-7-2)	400 V ~ / 24 A / 2.5 mm²
UL	300 V ~ / 20 A / AWG 26-12
ATEX	400 V ~ / 23 A
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²
AWG Conductor / Fine Strand with Ferrule	16 - 8 / 0.5 - 2.5 mm²
Insulation Stripping Length / Torque	12 mm / 1.2 Nm

Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	MVK 2.5	**304 429**	100
	yellow-green			
End Bracket				
Thickness 8mm KD 5	grey	KD 5	**495 069**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP MVK	**444 429**	100
	yellow-green			
Small Partition				
	grey	AD1	**467 919**	100
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Test Plug-Soc. / Ins. Test Soc.				
TF		TF (Ø2)	**493 020**	5
ITK				
T5K				
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

MVK 4

Width 6 mm

304 439



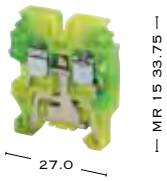
torque: 0.5 Nm

Voltage/Current/Cross-section		
400 V ~ / 32 A / 4 mm²		
300 V ~ / 30 A / AWG 24-10		
400 V ~ / 31.5 A		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
10 mm / 0.5 Nm (CSA: 0.8 Nm)		
Type	Part. No.	Qty.
MVK 4	**304 439**	100
KD 5	**495 069**	100
NPP MVK	**444 429**	100
AD1	**467 919**	100
UK 4/2	**476 222**	25
UK 4/3	**476 223**	20
UK 4/4	**476 224**	15
UK 4/10	**476 229**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 41 A		
6 kV / 3		
1 / B4		
IP 20 / -		

MVK 2.5 T

Width 5 mm

334 420



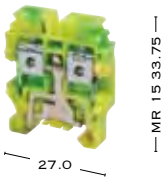
torque: 0.4 Nm

Voltage/Current/Cross-section		
- V ~ / - A / 2.5 mm²		
- V ~ / - A / AWG 26-12		
400 V		
0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 12 / 0.5 - 2.5 mm²		
10 mm / 0.4 Nm		
Type	Part. No.	Qty.
MVK 2.5 T	**334 420**	50
KD 5	**495 069**	100
NPP MVK	**444 422T**	100
AD1	**467 919**	100
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / ....-....		
6 kV / 3		
1 / B3		
IP 20 / PE		

MVK 4 T

Width 6 mm

334 430



torque: 0.5 Nm

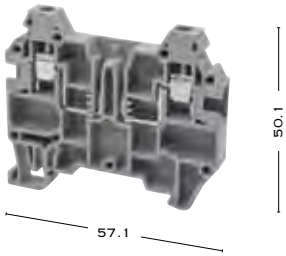
Voltage/Current/Cross-section		
- V ~ / - A / 4 mm²		
- V ~ / - A / AWG 24-10		
400 V		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
10 mm / 0.5 Nm		
Type	Part. No.	Qty.
MVK 4 T	**334 430**	50
KD 5	**495 069**	100
NPP MVK	**444 422T**	100
AD1	**467 919**	100
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / ....-....		
6 kV / 3		
1 / B4		
IP 20 / PE		

AVK Series

Functional Terminal Blocks, Sockets, and Accessories

AVK 2.5 F

Width 6 mm
324 929
324 920



Torque: 0.5 Nm

Colors	Terminals	End Plate
	Part Number	Part Number
	AVK 2.5 F	**NPP**
Grey	**324 929**	**444 139**
Beige	**324 920**	**444 130**
	AVK 2.5 CF	**NPP**
Grey	**324 919**	**444 139**
Beige	**324 910**	**444 130**

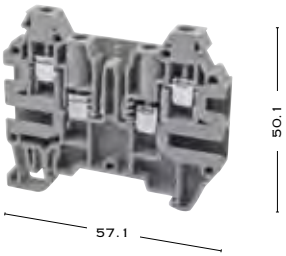
Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1)	400 V / 16 A / 2.5 mm²		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque	10 mm / 0.5 Nm		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	AVK 2.5 F	**324 929**	80
Electrical Data			
Mounting Rails	Type	Part. No.	Std. Pk.
TS 35x7.5 solid / TS 35x7.5 slotted	TS 35x15 solid / TS 35x15 slotted	slotted	
		35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
Steel slot dim.	Aluminum slot dim.	solid	
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm KD 3	Grey	KD 3	**495 049**	100
End Plate - Disconnect Plate			
Width 1.5 mm - Polyamide 66	Grey	NPP AVK 2.5 CC	**444 139**	25
Test Plug-Soc. / Ins. Test Soc.			
TF / ITK / T5K		TF (Ø2)	**493 020**	5
Warning Label			
IP	With symbol	IP 2 S	**498 130**	25
	Without symbol	IP 2	**498 140**	25
Group Marking			
GE / GE2	Grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.5 - 4 mm² / 4 mm² / 16 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

AVK 2.5 CF

Width 6 mm

324 919

324 910



torque: 0.5 Nm

AVK SKT

498 759

AVK SKTD

498 859

with diode

Voltage/Current/Cross-section								
400 V / 16 A / 2.5 mm²								
0.5 - 4 mm² / 0.5 - 4 mm²								
26 - 12 / 0.5 - 2.5 mm²								
10 mm / 0.5 Nm								
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 2.5 CF	**324 919**	80	AVK SKT	**498 759**	50	AVK SKTD	**498 859**	50
						diode voltage: 1000V		
						diode current: 0.5 A		
						diode:	1 N 4007	
Type	Part. No.	std. pk.						
slotted								
35x7.5	**TS3575SL**	2m						
35x7.5	**TS3575SL1**	1m						
35x7.5	**TS3575SL1-A**	1m						
35x15	**TS3515SL**	2m						
solid								
35x7.5	**TS3575SOL**	2m						
35x15	**TS3515SOL**	2m						
KD 3	**495 049**	100						
NPP AVK 2.5 CC	**444 139**	25						
TF (Ø2.3)	**493 023**	5						
TF (Ø4)	**493 040**	5						
TSK 4 (Ø2.3)	**490 040**	5						
TSK 7 (Ø4)	**490 070**	5						
ITK 28 (Ø4)	**492 010**	5						
IP 2 S	**498 130**	25						
IP 2	**498 140**	25						
GE	**496 119**	50						
GE 2	**496 250**	25						
0.5 - 4 mm² / 4 mm² / 16 A								
8 kV / 3								
1 / B3								
IP 20 / -								

AVK Series

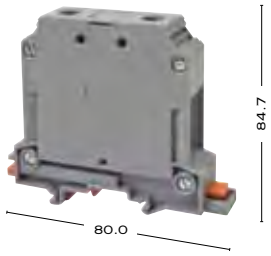
High Current Terminal Blocks and Accessories

NOTE: hexagon socket screw required for AVK 50-240

AVK 50

Width 20 mm

304 330



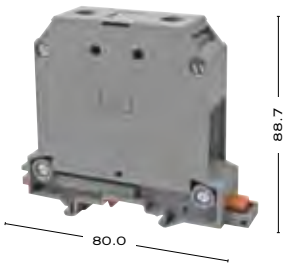
torque: 6.0 Nm

Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1)		1000 V ~ / 150 A / 50 mm²	
UL / CSA		600 V ~ / 150 A / AWG 6 - 1/0	
ATEX		800 V ~ / 150 A	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		16 - 70 mm² / 25 - 50 mm²	
AWG Conductor / Fine Strand with Ferrule		6 - 0 / 16 - 50 mm²	
Insulation Stripping Length / Torque		20 mm / 6 Nm	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey		AVK 50	**304 330**	25
Mounting Rails		Type	Part. No.	std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
KD 7	Grey	KD 7	**495 219**	50
AVK / EK6				
Cross Connection				
UK 50/2		UK 50/2	**478 332**	5
UK 95/2		UK 50/3	**478 333**	5
UK 150/2		UK 50/4	**478 334**	5
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	Grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		16 - 70 mm² / 70 mm² - 192 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B10		
• Protection class / Protection conductor type		IP 10 / -		
Marking Tags				
See pages 104 & 105 for further detail				

AVK 70 RD

Width 22 mm

304 490

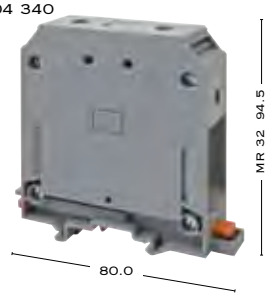


torque: 6 Nm

AVK 95

Width 25 mm

304 340

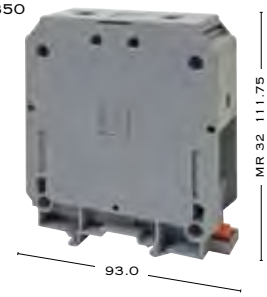


torque: 6-10 Nm

AVK 150

Width 31 mm

304 350

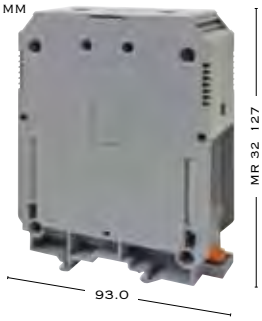


torque: 10-14 Nm

AVK 240

Width 36 mm

304 360



torque: 14-18 Nm

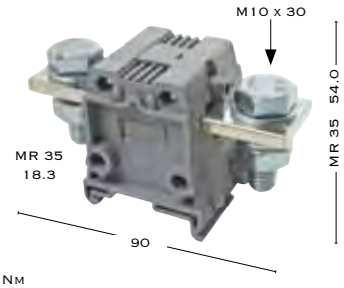
Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
1000 V ~ / 192 A / 70 mm²			1000 V ~ / 232 A / 95 mm²			1000 V ~ / 309 A / 150 mm²			1000 V ~ / 415 A / 240 mm²		
600 V ~ / 175 A / AWG 6 - 1/0			600 V ~ / 230 A / AWG 2 - 4/0			600 V ~ / 270 A / AWG 2 - 300 kcmil			600 V ~ / 370 A / AWG 2/0 - 500 kcmil		
			1000 V ~ / 217 A			1000 V ~ / 281 A			1000 V ~ / 380 A		
16 - 70 mm² / 16 - 70 mm²			25 - 95 mm² / 35 - 95 mm²			35 - 150 mm² / 50 - 150 mm²			50 - 240 mm² / 70 - 240 mm²		
6 - 0 / 16 - 70 mm²			26 - 4/0 / 35 - 95 mm²			2 - 300 / 50 - 150 mm²			2/0 - 500 / 70 - 240 mm²		
20 mm / 6 Nm			25 mm / 6-10 Nm			31 mm / 10-14 Nm			2/0 - 500 mm / 14-18 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 70 RD	**304 490**	10	AVK 95	**304 340**	6	AVK 150	**304 350**	4	AVK 240	**304 360**	4
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 7	**495 219**	50	KD 7	**495 219**	50	KD 7	**495 219**	50	KD 7	**495 219**	50
			AVK / EK6	**304 370**	20	AVK / EK6	**304 370**	20	AVK / EK6	**304 370**	20
UK 70/2	**478 372**	5	UK 95/2	**478 342**	5	UK 150/2	**478 352**	5	UK 240/2	**478 362**	5
UK 70/3	**478 373**	5	UK 95/3	**478 343**	5	UK 150/3	**478 353**	5	UK 240/3	**478 363**	5
UK 70/4	**478 374**	5	UK 95/4	**478 344**	5	UK 150/4	**478 354**	5	UK 240/4	**478 364**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
16 - 70 mm² / 70 mm² - 192 A			25 - 95 mm² / 95 mm² - 232 A			35 - 150 mm² / 150 mm² - 309 A			50 - 240 mm² / 240 mm² - 415 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A11			1 / B12			1 / B14			1 / A16		
IP 10 / -			IP 10 / -			IP 10 / -			IP 10 / -		

AVK Series

High Current Terminal Blocks and Accessories

AVK 95 B

Width 40 mm
304 300



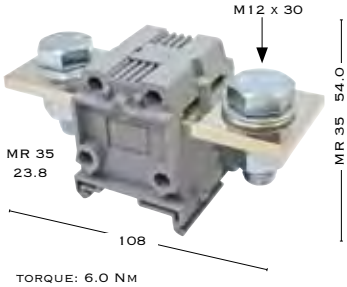
torque: 4.0 Nm

Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1)	1000 V ~ / 232 A / 95 mm²		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	95 mm² / 95 mm²		
AWG Conductor / Fine Strand with Ferrule	3/0 / 95 mm²		
Insulation Stripping Length / Torque	.... mm / 4 Nm		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	AVK 95 B	**304 300**	4
Mounting Rails	Type	Part. No.	std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
KD 7 Grey	KD 7	**495 219**	50
Isolation Cover			
	KKB 95	**466 100**	4
Cross Connection			
UK 95/2	UKB 95/2	**478 302**	5
UK 150/2	UKB 95/3	**478 303**	5
UK 240/2	UKB 95/4	**478 304**	5
Technical Data			
• Max.clamping range / Max. technical data	95 mm² / 95 mm² - 232 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / -		
• Protection class / Protection conductor type	IP 10 / -		
Marking Tags			
See pages 104 & 105 for further detail			

AVK 150 B

Width 48 mm

304 310

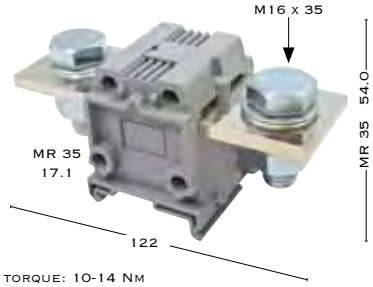


torque: 6.0 Nm

AVK 240 B

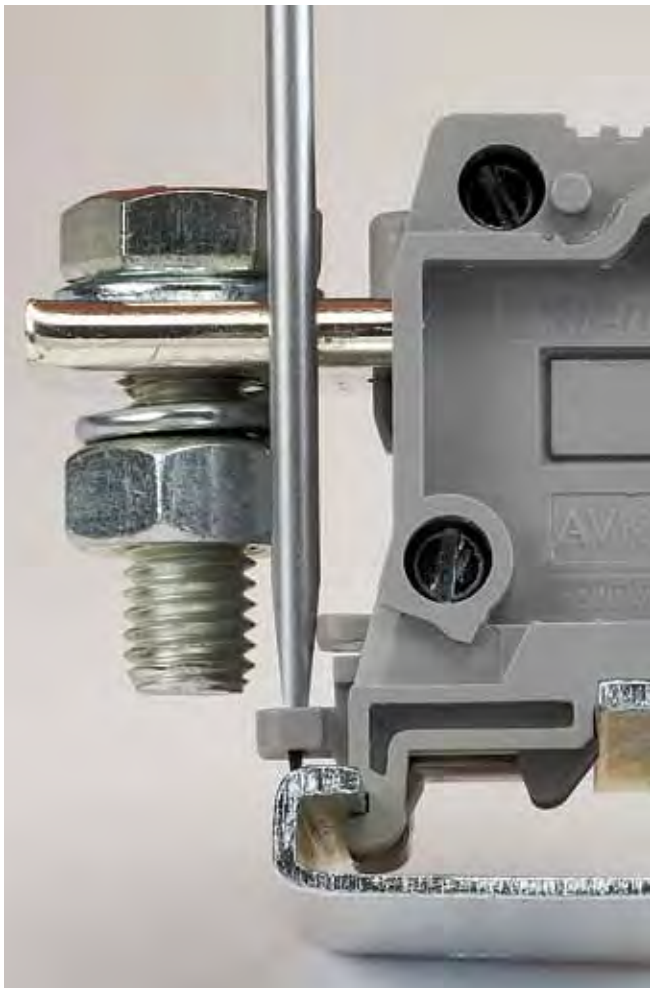
Width 53 mm

304 320



torque: 10-14 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section		
1000 V ~ / 309 A / 150 mm²			1000 V ~ / 415 A / 240 mm²		
150 mm² / 150 mm²			240 mm² / 240 mm²		
300 kcmil / 150 mm²			500 kcmil / 240 mm²		
.... mm / 6 Nm			.... mm / 10-14 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
AVK 150 B	**304 310**	4	AVK 240 B	**304 320**	4
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 7	**495 219**	50	KD 7	**495 219**	50
KKB 150	**466 110**	4	KKB 240	**466 120**	4
UKB 150/2	**478 312**	5	UKB 240/2	**478 322**	5
UKB 150/3	**478 313**	5	UKB 240/3	**478 323**	5
UKB 150/4	**478 314**	5	UKB 240/4	**478 324**	5
150 mm² / 150 mm² - 309 A			240 mm² / 240 mm² - 415 A		
8 kV / 3			8 kV / 3		
1 / -			1 / -OS		
IP 10 / -			IP 10 / -		

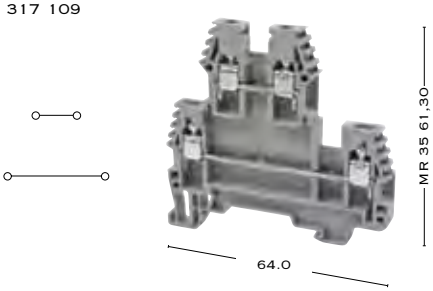


PIK Series

Screw Type Double-Deck Terminal Blocks and Accessories

PIK 2.5 N

Width 5 mm
317 109



torque: 0.5 Nm

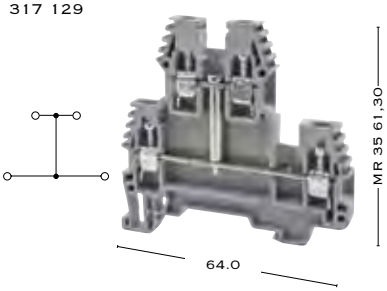
Colors	Terminals	End Plate
	Part Number	Part Number
	PIK 2.5 N	**NPP**
GREY	**317 109**	**449 019**
BLUE	**317 101**	**449 011**
BEIGE	**317 100**	**449 010**
	PIK 2.5 NK	**NPP**
GREY	**317 129**	**449 019**
BLUE	**317 121**	**449 011**
BEIGE	**317 120**	**449 010**
	PIK 2.5 ND	**NPP**
GREY	**317 219**	**449 019**
BLUE	**317 211**	**449 011**
BEIGE	**317 210**	**449 010**
	PIK 2.5 NLD	**NPP**
GREY	**317 ..9**	**449 019**
BLUE	**317 ..1**	**449 011**
BEIGE	**317 ..0**	**449 010**

Electrical Ratings	Voltage/Current/Cross-section		
TSE / CE (EN 60947-7-1)	500 V ~ / 24 A / 2.5 mm²		
UL / CSA	300 V ~ / 20 A / AWG 26 - 12		
ATEX	400 V ~ / 21.5 A		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque	9 mm / 0.5 Nm		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	PIK 2.5 N	**317 109**	100
Mounting Rails	Type	Part. No.	Std. Pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
Steel slot dim. / Aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm KD 3 — Grey	KD 3	**495 049**	100
End Plate			
Width 1.5 mm - Polyamide 66 — Grey	NPP PIK 2.5-4N	**449 019**	25
Cross Connection			
	UK 2.5/2	**474 122**	25
	UK 2.5/3	**474 123**	20
	UK 2.5/4	**474 124**	15
	UK 2.5/10	**474 129**	5
Test Plug-Soc. / Ins. Test Soc.			
TF / ITK / T5K	TF (Ø2)	**493 020**	5
Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25
Group Marking			
GE / GE2 — Grey	GE	**496 119**	50
	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4 mm² / 28 A		
• Rated Impulse Voltage / Pollution severity	6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

PIK 2.5 NK

Width 5 mm

317 129



torque: 0.4 Nm

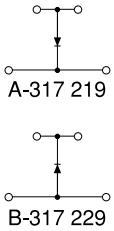
Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²		
300 V ~ / 20 A / AWG 26 - 12		
0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 10 / 0.5 - 2.5 mm²		
9 mm / 0.4 Nm		
Type	Part. No.	Qty.
PIK 2.5 NK	**317 129**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 2.5/2	**474 122***	25
UK 2.5/3	**474 123***	20
UK 2.5/4	**474 124***	15
UK 2.5/10	**474 129***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 28 A		
6 kV / 3		
1 / B3		
IP 20 / -		

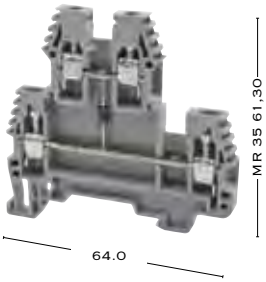
* Only lower decks can be cross-connected

PIK 2.5 ND**

Width 5 mm

317 219





torque: 0.4 Nm

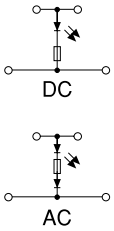
Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²		
300 V ~ / 20 A / AWG 26 - 12		
0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 12 / 0.5 - 2.5 mm²		
9 mm / 0.4 Nm		
Type	Part. No.	Qty.
PIK 2.5 ND-A	**317 219**	20
PIK 2.5 ND-B	**317 229**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 2.5/2	**474 122***	25
UK 2.5/3	**474 123***	20
UK 2.5/4	**474 124***	15
UK 2.5/10	**474 129***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 28 A		
6 kV / 3		
1 / B3		
IP 20 / -		

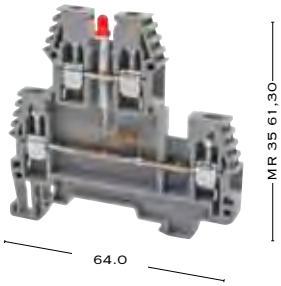
* Only lower decks can be cross-connected

PIK 2.5 NLD

Width 5 mm

.....9





torque: 0.4 Nm

Voltage/Current/Cross-section		
V ~ / 24 A / 2.5 mm²		
V ~ / 20 A / AWG 26 - 12		
0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 12 / 0.5 - 2.5 mm²		
9 mm / 0.4 Nm		
Type	Part. No.	Qty.
PIK 2.5 NLD	**317 329** (24VDC) / **317 319** (24VAC)	20
PIK 2.5 NLD	**317 429** (48VDC) / **317 419** (48VAC)	20
PIK 2.5 NLD	**317 629** (110VDC) / **317 619** (110VAC)	20
PIK 2.5 NLD	**317 729** (220VDC) / **317 719** (220VAC)	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 2.5/2	**474 122***	25
UK 2.5/3	**474 123***	20
UK 2.5/4	**474 124***	15
UK 2.5/10	**474 129***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 28 A		
6 kV / 3		
1 / B3		
IP 20 / -		

* Only lower decks can be cross-connected

**Electrical ratings: diode reverse voltage - 1000V
diode current - 0.5 A
diode - 1 N 4007

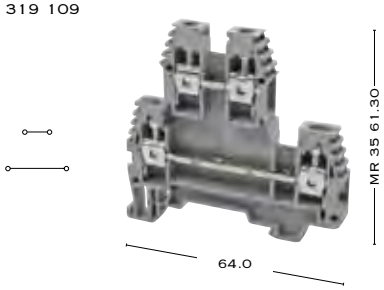
PIK Series

Screw Type Double-Deck Terminal Blocks and Accessories

PIK 4 N

Width 6 mm

319 109



Torque: 0.5 Nm

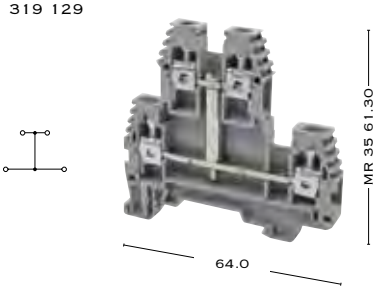
Colors	Terminals	End Plate
	Part Number	Part Number
	PIK 4 N	**NPP**
GREY	**319 109**	**449 019**
BLUE	**319 101**	**449 011**
BEIGE	**319 100**	**449 010**
	PIK 4 NK	**NPP**
GREY	**319 129**	**449 019**
BLUE	**319 121**	**449 011**
BEIGE	**319 120**	**449 010**
	PIK 4 ND	**NPP**
GREY	**319 219**	**449 019**
BLUE	**319 211**	**449 011**
BEIGE	**319 210**	**449 010**
	PIK 4 NLD	**NPP**
GREY	**319 329**	**449 019**
BLUE	**319 429**	**449 011**
BEIGE	**319 629**	**449 010**

Electrical Ratings		Voltage/Current/Cross-section		
TSE / CE (EN 60947-7-1)		500 V ~ / 32 A / 4 mm²		
UL / CSA		300 V ~ / 30 A / AWG 26 - 10		
ATEX		400 V ~ / 29.5 A		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 6 mm² / 0.5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque		9 mm / 0.5 Nm		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey	Grey	PIK 4 N	**319 109**	100
	Grey			
	Grey			
	Grey			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
Steel slot dim.	Aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	Grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	Grey	NPP PIK 2.5-4N	**449 019**	25
Cross Connection				
		UK 4/2	**474 132**	25
		UK 4/3	**474 133**	20
		UK 4/4	**474 134**	15
		UK 4/10	**474 139**	5
Test Plug-Soc. / Ins. Test Soc.				
TF ITK T5K		TF (Ø2)	**493 020**	5
Warning Label				
IP	With symbol	IP 2 S	**498 130**	25
	Without symbol	IP 2	**498 140**	25
Group Marking				
GE GE2	Grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 6 mm² / 6 mm² / 39 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PIK 4 NK

Width 6 mm

319 129



torque: 0.5 Nm

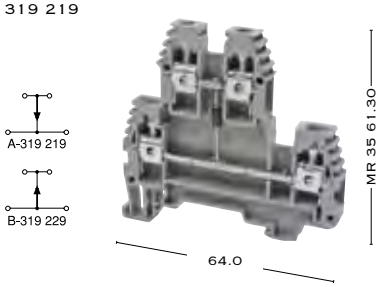
Voltage/Current/Cross-section		
500 V ~ / 32 A / 4 mm²		
300 V ~ / 30 A / AWG 26 - 10		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
9 mm / 0.5 Nm		
Type	Part. No.	Qty.
PIK 4 NK	**319 129**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 4/2	**474 132***	25
UK 4/3	**474 133***	20
UK 4/4	**474 134***	15
UK 4/10	**474 139***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 39 A		
6 kV / 3		
1 / B4		
IP 20 / -		

* Only lower decks can be cross-connected

PIK 4 ND**

Width 6 mm

319 219



torque: 0.5 Nm

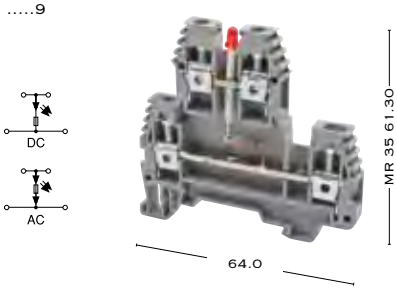
Voltage/Current/Cross-section		
500 V ~ / 32 A / 4 mm²		
300 V ~ / 30 A / AWG 26 - 10		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
9 mm / 0.5 Nm		
Type	Part. No.	Qty.
PIK 4 ND-A	**319 219**	20
PIK 4 ND-B	**319 229**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 4/2	**474 132***	25
UK 4/3	**474 133***	20
UK 4/4	**474 134***	15
UK 4/10	**474 139***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 39 A		
6 kV / 3		
1 / B4		
IP 20 / -		

* Only lower decks can be cross-connected

PIK 4 NLD

Width 6 mm

.....9



torque: 0.5 Nm

Voltage/Current/Cross-section		
- V ~ / 32 A / 4 mm²		
- V ~ / 30 A / AWG 26 - 10		
0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 10 / 0.5 - 4 mm²		
9 mm / 0.5 Nm		
Type	Part. No.	Qty.
PIK 4 NLD	**319 329** (24vdc) / **319 319** (24vac)	20
PIK 4 NLD	**319 429** (48vdc) / **319 419** (48vac)	20
PIK 4 NLD	**319 629** (110vdc) / **319 619** (110vac)	20
PIK 4 NLD	**319 729** (220vdc) / **319 719** (220vac)	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PIK 2.5-4N	**449 019**	25
UK 4/2	**474 132***	25
UK 4/3	**474 133***	20
UK 4/4	**474 134***	15
UK 4/10	**474 139***	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 39 A		
6 kV / 3		
1 / B4		
IP 20 / -		

* Only lower decks can be cross-connected

**electrical ratings: diode reverse voltage - 1000v
diode current - 0.5 A
diode - 1 N 4007

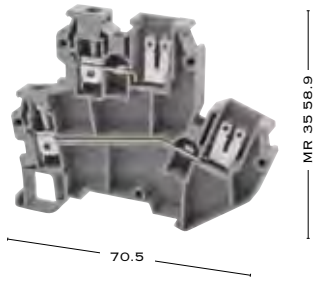
PIK/PUK Series

Screw Type Double-Deck & Multi-Level Terminal Blocks and Accessories

PIK 4 FS

Width 6 mm

319 809



torque: 0.4 Nm

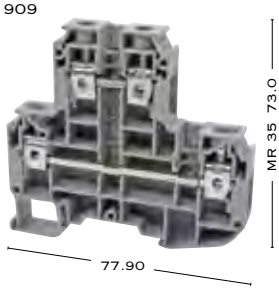
Colors	Terminals	End Plate
	Part Number	Part Number
	PIK 4 FS	**NPP PIK 2T**
GREY	**319 809**	**449 029**
BLUE	**319 801**	**449 021**
BEIGE	**319 800**	**449 020**
	PIK 10 N	**NPP PIK 10 N**
GREY	**319 909**	**449 039**
BEIGE	**319 900**	**449 030**
	PUK 3	**NPP PUK 3**
GREY	**324 109**	**450 139**
BEIGE	**324 100**	**450 130**
	PUK 2 T	**NPP PUK 2T**
GREY	**324 209**	**450 149**
BEIGE	**324 200**	**450 140**
	PUK 3 T	**NPP PUK 3T**
GREY	**324 309**	**450 159**
BEIGE	**324 300**	**450 150**

Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-2)	400 V ~ / 20 A / 4 mm²		
UL			
ATEX	400 V ~ / 20 A		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 6 mm² / 0.5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque	8 mm / 0.4 Nm		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	PIK 4 FS	**319 809**	85
Mounting Rails	Type	Part. No.	std. pk.
TS 35x7.5 solid / TS 35x7.5 slotted	slotted		
	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
TS 35x15 solid / TS 35x15 slotted	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm, KD 3 — Grey	KD 3	**495 049**	100
End Plate			
Width 1.5 mm, Polyamide 66 — Grey (NPP PUK 3, NPP PUK 3T)	NPP PIK 4 FS	**449 029**	20
Cross Connection			
476 ...	UK 4/2	**476 232**	25
474 ...	UK 4/3	**476 233**	20
480 ...	UK 4/4	**476 234**	15
	UK 4/10	**476 239**	5
Test Plug-Soc. / Ins. Test Soc.			
TF	TF (Ø4)	**493 040**	5
ITK / T5K	TSK 8 (Ø4)	**490 080**	5
	ITK 32 (Ø4)	**492 020**	5
Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25
Group Marking			
GE / GE2 — Grey	GE	**496 119**	50
	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.2 - 6 mm² / 6 mm² - 20 A		
• Rated Impulse Voltage / Pollution severity	4 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A4		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

PIK 10 N

Width 10 mm

319 909

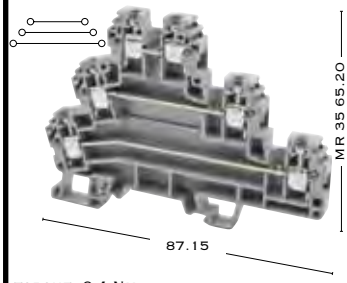


torque: 1.2 Nm

PUK 3

Width 6 mm

324 109

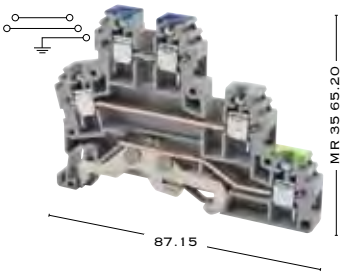


torque: 0.4 Nm

PUK 2 T

Width 6 mm

324 209

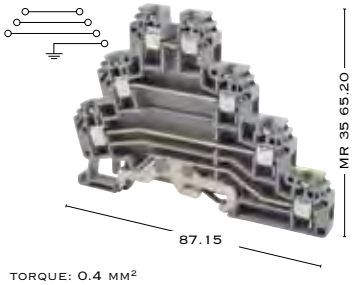


torque: 0.4 Nm

PUK 3 T

Width 6 mm

324 309



torque: 0.4 mm²

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
800 V ~ / 57 A / 10 mm²			440 V ~ / 24 A / 2.5 mm²			440 V ~ / 24 A / 2.5 mm²			440 V ~ / 24 A / 2.5 mm²		
			300 V ~ / 24 A / AWG 24 - 12			300 V ~ / 24 A / AWG 24-12			300 V ~ / 24 A / AWG 24-12		
			400 V ~ / 24 A			400 V ~ / 24 A			400 V ~ / 24 A		
1.5 - 16 mm² / 1.5 - 16 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
18 - 6 / 1.5 - 10 mm²			24 - 12 / 1.5 - 2.5 mm²			24 - 12 / 1.5 - 2.5 mm²			24 - 12 / 1.5 - 2.5 mm²		
12 mm / 1.2 Nm			9 mm / 0.4 Nm			9 mm / 0.4 Nm			9 mm / 0.4 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PIK 10 N	**319 909**	20	PUK 3	**324 109**	20	PUK 2 T	**324 209**	20	PUK 3 T	**324 309**	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP PIK 10 N	**449 039**	20	NPP PUK 3	**450 139**	10	NPP PUK 2 T	**450 149**	10	NPP PUK 3 T	**450 159**	10
UK 10/2	**474 152**	25	UK 2.5/2	**480 132**	25	UK 2.5/2	**480 132**	25	UK 2.5/2	**480 132***	25
UK 10/3	**474 153**	20	UK 2.5/3	**480 133**	20	UK 2.5/3	**480 133**	20	UK 2.5/3	**480 133***	20
UK 10/4	**474 154**	15	UK 2.5/4	**480 134**	15	UK 2.5/4	**480 134**	15	UK 2.5/4	**480 134***	15
UK 10/10	**474 159**	5	UK 2.5/10	**480 139**	5	UK 2.5/10	**480 139**	5	UK 2.5/10	**480 139***	5
TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5	TSK 8 (Ø4)	**490 080**	5	TSK 9 (Ø4)	**490 090**	5	TSK 9 (Ø4)	**490 090**	5
ITK 32 (Ø4)	**492 020**	5	ITK 32 (Ø4)	**492 020**	5						
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.5 - 16 mm² / 16 mm² - 76 A			0.2 - 4 mm² / 4 mm² - 32 A			0.2 - 4 mm² / 4 mm² - 32 A			0.2 - 4 mm² / 4 mm² - 32 A		
8 kV / 3			6 kV / 3			8 kV / 3			8 kV / 3		
1 / B6			1 / B6			1 / B3			1 / B3		
IP 20 / -			IP 20 / -			IP 20 / PE			IP 20 / PE		

* Only upper decks can be cross-connected

PUK Series

Screw Type sensor Terminal Blocks and Accessories

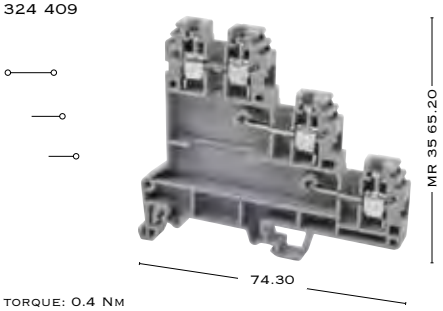
The PUK Series is a feed-thru and feed-thru/grounding terminal block series used in applications utilizing sensors or other multiwire systems. The terminal blocks are only 6mm wide, which saves 2/3 to _ the normal space utilized in standard terminals.

Colors	Terminals	End Plate
	Part Number	Part Number
	PUK 3 S	**NPP**
GREY	**324 409**	**450 169**
BEIGE	**324 400**	**450 160**
	PIK 3 SLD (NPN)	**NPP**
GREY	**324 419**	**450 169**
BEIGE	**324 400**	**450 160**
	PIK 3 SLD (PNP)	**NPP**
GREY	**324 429**	**450 169**
BEIGE	**324 420**	**450 160**

PUK 3 S

Width 6 mm

324 409



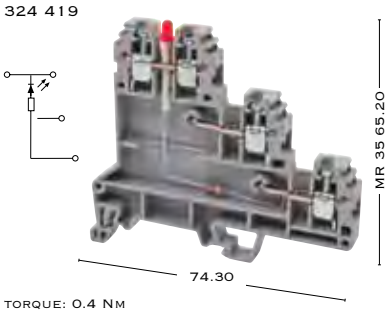
Torque: 0.4 Nm

Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1)		500 V ~ / 24 A / 2.5 mm²	
UL / CSA		300 V ~ / 24 A / AWG 24-12	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²	
AWG Conductor / Fine Strand with Ferrule		24 - 12 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		9 mm / 0.4 Nm	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	Grey	PUK 3 S	**324 409**	20
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	Grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	Grey	NPP PUK 3 S	**450 169**	10
NPP PUK 3S				
Cross Connection				
		UK 2.5/2	**480 132**	25
		UK 2.5/3	**480 133**	20
		UK 2.5/4	**480 134**	15
		UK 2.5/10	**480 139**	5
Test Plug-Soc. / Ins. Test Soc.				
TF		TF (Ø4)	**493 040**	5
TSK 8 (Ø4)			**490 080**	5
ITK 32 (Ø4)			**492 020**	5
Warning Label				
IP	With symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	Grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PUK 3 SLD (NPN)

Width 6 mm

324 419

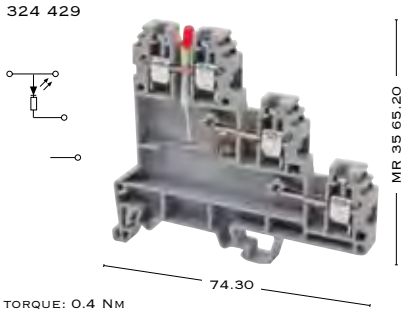


torque: 0.4 Nm

PUK 3 SLD (PNP)

Width 6 mm

324 429



torque: 0.4 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²			- V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
24 - 12 / 0.5 - 2.5 mm²			24 - 12 / 0.5 - 2.5 mm²		
9 mm / 0.4 Nm			9 mm / 0.4 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
PUK 3 SLD (NPN)	**324 419 (24vdc)**	20	PUK 3 SLD (PNP)	**324 429 (24vdc)**	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP PUK 3 S	**450 169**	10	NPP PUK 3 S	**450 169**	10
UK 2.5/2	**480 132**	25	UK 2.5/2	**480 132**	25
UK 2.5/3	**480 133**	20	UK 2.5/3	**480 133**	20
UK 2.5/4	**480 134**	15	UK 2.5/4	**480 134**	15
UK 2.5/10	**480 139**	5	UK 2.5/10	**480 139**	5
TF (Ø4)	**493 040**	5	TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5	TSK 8 (Ø4)	**490 080**	5
ITK 32 (Ø4)	**492 020**	5	ITK 32 (Ø4)	**492 020**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3			8 kV / 3		
1 / B3			1 / B3		
IP 20 / -			IP 20 / -		

ASK Series

Screw Type Disconnect Terminal Blocks and Accessories

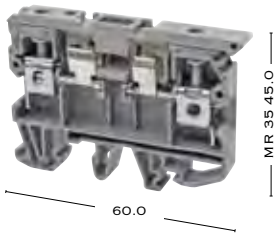
Disconnect Terminals

The main advantage with disconnect terminals is that they allow a circuit to be "opened" without removing the wire from the screw connections – saving time.

The user can open the circuit (ASK 2B) and place a multimeter on the exposed internal terminals and "read" input or output currents very easily.

ASK 2 B

Width 8 mm
360 119
360 110



Torque: 0.8 Nm

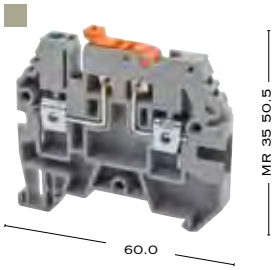
Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1 / 60947-7-3)		500 V ~ / 6.3 A / 6 mm²	
UL / CSA		300 V ~ / 6.3 A / AWG 26 - 8	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 10 mm² / 1.5 - 10 mm²	
AWG Conductor / Fine Strand with Ferrule		26 - 8 / 1.5 - 6 mm²	
Insulation Stripping Length / Torque		12 mm / 0.8 Nm	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey	Grey	ASK 2 B	**360 119**	25
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	Grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	Grey	NPP ASK 2	**450 049**	25
NPP ASK 3 / NPP ASK 2				
Cross Connection				
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE / GE2	Grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.5 - 10 mm² / 10 mm² / 6.3 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B5		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

ASK 3 A

Width 6.2 mm

353 109

353 100



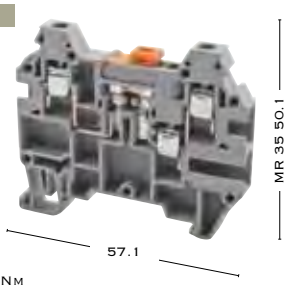
torque: 0.5 Nm

AVK 2.5 EA

Width 6 mm

324 949

324 940



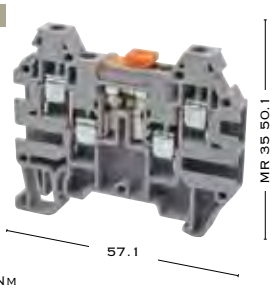
torque: 0.5 Nm

AVK 2.5 CCA

Width 6 mm

324 939

324 930



torque: 0.5 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 16 A / 4 mm²			400 V ~ / 16 A / 2.5 mm²			400 V ~ / 16 A / 2.5 mm²		
600 V ~ / 16 A / AWG 26 - 10								
0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
26 - 10 / 0.5 - 4 mm²			26 - 12 / 0.5 - 2.5 mm²			26 - 12 / 0.5 - 2.5 mm²		
10 mm / 0.5 Nm			10 - 0.5 Nm			10 - 0.5 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
ASK 3 A	**353 109**	50	AVK 2.5 EA	**324 949**	80	AVK 2.5 CCA	**324 939**	50
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP ASK 3	**450 059**	10	NPP AVK 2.5 CC	**444 139**	25	NPP AVK 2.5 CC	**444 139**	25
UK 4/2	**476 232**	25						
UK 4/3	**476 233**	20						
UK 4/4	**476 234**	15						
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 16 A			0.5 - 4 mm² / 4 mm² / 16 A			0.5 - 4 mm² / 4 mm² / 16 A		
6 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B3			1 / B3		
IP 20 / -			IP 20 / -			IP 20 / -		

ASK Series

Screw Type Disconnect Terminal Blocks and Accessories

ASK 3 MB

Width 6.2 mm

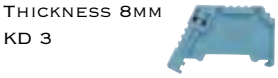
363 009

363 000

hinged fuse mount

torque: 0.5 Nm

Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 16 A / 4 mm²		
UL / CSA	600 V ~ / 10 A / AWG 26 - 10		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 6 mm² / 0.5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 8 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque	10 mm / 0.5 Nm		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey — grey	ASK 3 MB	**363 009**	20
Mounting Rails	Type	Part. No.	Std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm KD 3 — grey	KD 3	**495 049**	100
End Plate			
Width 1.5 mm - Polyamide 66 — grey	NPP ASK 3	**450 059**	10
Cross Connection			
	UK 4/2	**476 232**	25
	UK 4/3	**476 233**	20
	UK 4/4	**476 234**	15
Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25
Group Marking			
GE — grey	GE	**496 119**	50
GE2 — grey	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.2 - 6 mm² / 6 mm² / 16 A		
• Rated Impulse Voltage / Pollution severity	6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			



NPP ASK 3

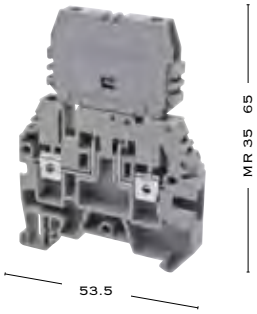
ASK 3 FB

Width 6.2 mm

362 009

362 000

removable fuse mount



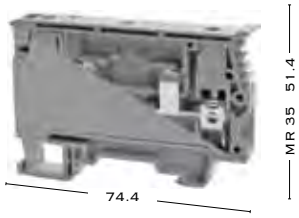
torque: 0.5 Nm

ASK 4 B

Width 10 mm

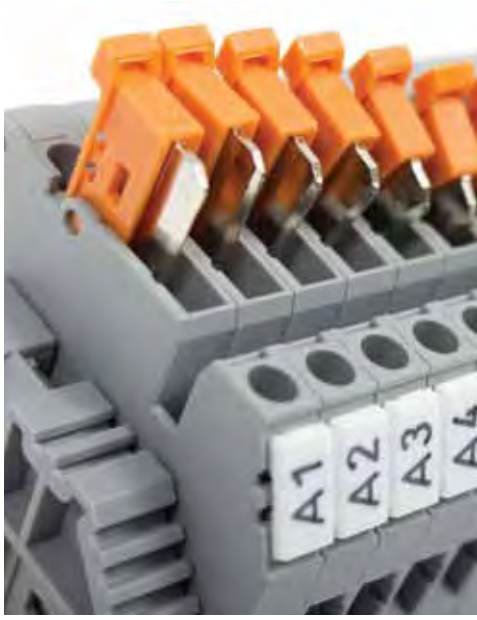
360 129

360 120



torque: 0.8 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 16 A / 4 mm²			750 V ~ / 6.3 A / 6 mm²		
600 V ~ / 10 A / AWG 26 - 10			600 V ~ / 6.3 A / AWG 22 - 8		
0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 10 mm² / 1.5 - 10 mm²		
26 - 10 / 0.5 - 4 mm²			26 - 8 / 1.5 - 6 mm²		
10 mm / 0.5 Nm			12 mm / 0.8 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
ASK 3 FB	**362 009**	20	ASK 4 B	**360 129**	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP ASK 3	**450 059**	10			
UK 4/2	**476 232**	25			
UK 4/3	**476 233**	20			
UK 4/4	**476 234**	15			
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 16 A			0.5 - 10 mm² / 10 mm² / 6.3 A		
6 kV / 3			6 kV / 3		
1 / B4			1 / B5		
IP 20 / -			IP 20 / -		



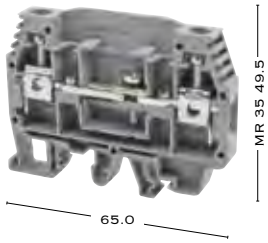
WG Series

Screw Type Test / Disconnect Terminal Blocks and Accessories

WGO 1

Width 8 mm

... ..9



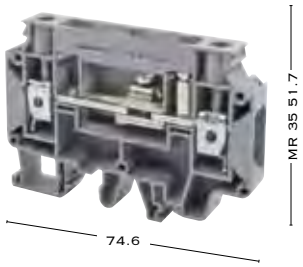
torque: 0.8 Nm

Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		380 V ~ / 41 A / 6 mm²		
UL / CSA		300 V ~ / 50 A / AWG 20-8		
ATEX		250 V ~ / 41 A		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 10 mm² / 1.5 - 10 mm²		
AWG Conductor / Fine Strand with Ferrule		26 - 8 / 1.5 - 6 mm²		
Insulation Stripping Length / Torque		12 mm / 0.8 Nm		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	without sockets - beige/grey	WGO 1	**370 500 - 370 590**	60
	one socket - beige/grey	WGO 1	**370 501 - 370 591**	60
	double socket - beige/grey	WGO 1	**370 502 - 370 592**	60
	one test socket - beige/grey	WGO 1	**370 503 - 370 593**	60
	double test socket - beige/grey			
Mounting Rails		Type	Part. No.	std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	beige	NPP WGO 1	**450 100**	5
	NPP grey	NPP WGO 1	**450 109**	5
Cross Connection				
IZUK		IZUK 6/2	**476 302**	10
		IZUK 6/3	**476 303**	10
		IZUK 6/4	**476 304**	10
		IZUK 6/6	**476 306**	10
		IZUK 6/10	**476 309**	5
WGO UAA		WGO UAA	**498 300**	1
IZUK 10W/6				
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 10 mm² / 10 mm² - 57A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B5		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

WGO 2 N

Width 10 mm

... ..9

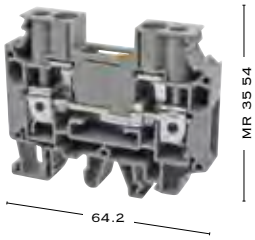


torque: 1.2 Nm

WGO 2 IR

Width 10 mm

375 909

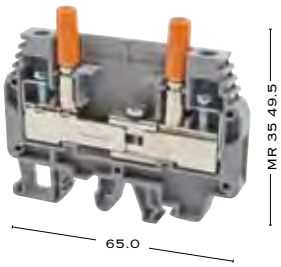


torque: 1.5 Nm

WGO 3

Width 8 mm

... ..9

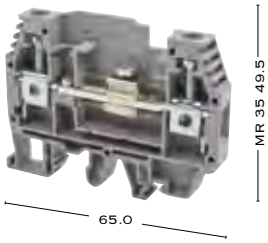


torque: 0.8 Nm

WGL 1

Width 8 mm

375 790



torque: 0.8 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
400 V ~ / 57 A / 10 mm²			500 V ~ / 57 A / 10 mm²			400 V ~ / 41 A / 6 mm²			400 V ~ / 41 A / 6 mm²		
						300 V ~ / 43 A / AWG 20-8			300 V ~ / 50 A / AWG 20-8		
			400 V ~ / 57 A			250 V ~ / 41 A					
1.5 - 16 mm² / 1.5 - 16 mm²			1.5 - 16 mm² / 1.5 - 16 mm²			0.5 - 10 mm² / 1.5 - 10 mm²			0.5 - 10 mm² / 1.5 - 10 mm²		
16 - 8 / 1.5 - 10 mm²			16 - 8 / 1.5 - 10 mm²			20 - 8 / 1.5 - 6 mm²			20 - 8 / 1.5 - 6 mm²		
10 mm / 1.2 Nm			10 mm / 1.5 Nm			10 mm / 0.8 Nm			10 mm / 0.8 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
WGO 2 N	**375 800 - 375 890**	50	WGO 2 IR	**375 900 - 375 909**	50	WGO 3	**375 600 - 375 690**	50	WGL 1	**375 700 - 375 790**	50
WGO 2 N	**375 801 - 375 891**	50				WGO 3	**375 601 - 375 691**	50	WGL 1	**375 701 - 375 791**	50
WGO 2 N	**375 804 - 375 894**	50									
WGO 2 N	**375 803 - 375 893**	50				WGO 3	**375 603 - 375 693**	50	WGL 1	**375 702 - 375 792**	50
WGO 2 N	**375 802 - 375 892**	50				WGO 3	**375 602 - 375 692**	50			
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP WGO 2 N	**450 230**	25	NPP WGO 2IR	**450 240**	5	NPP WGO 3	**450 220**	25	NPP WGO 1-2	**450 100**	5
NPP WGO 2 N	**450 239**	25	NPP WGO 2IR	**450 249**	5	NPP WGO 3	**450 229**	25	NPP WGO 1-2	**450 109**	5
IZUK 10/2	**476 402**	10	IZUK 10W/2	**476 502**	10	IZUK 6/2	**476 302**	10	IZUK 6/2	**476 302**	10
IZUK 10/3	**476 403**	10	IZUK 10W/3	**476 503**	10	IZUK 6/3	**476 303**	10	IZUK 6/3	**476 303**	10
IZUK 10/4	**476 404**	10	IZUK 10W/4	**476 504**	10	IZUK 6/4	**476 304**	10	IZUK 6/4	**476 304**	10
IZUK 10/6	**476 406**	10	IZUK 10W/6	**476 506**	10	IZUK 6/6	**476 306**	10	IZUK 6/6	**476 306**	10
IZUK 10/10	**476 409**	5	IZUK 10W/10	**476 509**	10	IZUK 6/10	**476 309**	5	IZUK 6/10	**476 309**	5
						WGO UAA	**498 300**	1	WGO UAA	**498 300**	1
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
1.5 - 16 mm² / 16 mm² - 57A			1.5 - 16 mm² / 16 mm² - 57A			0.2 - 10 mm² / 10 mm² - 57A			0.2 - 10 mm² / 10 mm² - 57A		
4 kV / 3			6 kV / 3			6 kV / 3			6 kV / 3		
1 / B5			1 / A6			1 / B5			1 / B5		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

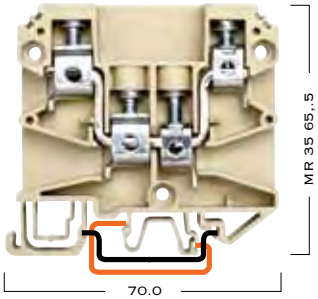
AYK Series

Screw Type Distribution Terminal Blocks and Accessories

AYK 10/16

Width 11 mm

395 100



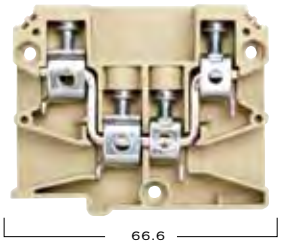
torque: 1.2 Nm

Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		750 V ~ / (57-76 A) / (10-16 mm²)		
UL / CSA				
ATEX				
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		1.5 - 25 mm² / 1.5 - 25 mm²	1.5 - 16 mm² / 1.5 - 16 mm²	
AWG Conductor / Fine Strand with Ferrule		12 - 4 / 1.5 - 16 mm²	16 - 8 / 1.5 - 10 mm²	
Insulation Stripping Length / Torque		12 mm / 1.2 Nm	10 mm / 1.2 Nm	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	beige	AYK 10/16	**395 100**	20
Mounting Rails		Type	Part. No.	std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm KD 3	grey	KD 3	**495 049**	100
End Plate				
Width 1.5 mm - Polyamide 66	beige	NPP AYK	**450 090**	10
Test Plug-Soc. / Ins. Test Soc.				
TF		TF (Ø4)	**493 040**	5
ITK		TSK 8 (Ø4)	**490 080**	5
T5K		ITK 32 (Ø4)	**492 020**	5
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.5 - 16 mm² / 16 mm² - 76 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / B6		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

AYK 10/16

Width 11 mm

395 200



torque: 1.2 Nm

Voltage/Current/Cross-section		
750 V ~ / (57-76 A) / (10-16 mm²)		
1.5 - 25 mm² / 1.5 - 25 mm²	1.5 - 16 mm² / 1.5 - 16 mm²	
12 - 4 / 1.5 - 16 mm²	16 - 8 / 1.5 - 10 mm²	
12 mm / 1.2 Nm	10 mm / 1.2 Nm	
Type	Part. No.	Qty.
AYK 10/16	**395 200**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP AYK	**450 090**	10
TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5
ITK 32 (Ø4)	**492 020**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.5 - 16 mm² / 16 mm² - 76 A		
8 kV / 3		
1 / B6		
IP 20 / -		

AYK 10/16 2, 3, 4, 5

Width 23.5-34.5-45.5-56.5 mm

(with end plate)

torque: 1.2 Nm

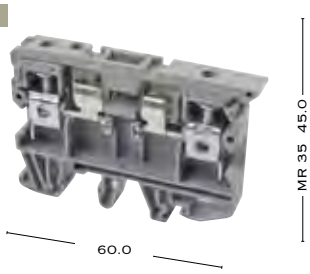
Voltage/Current/Cross-section		
750 V ~ / (57-76 A) / (10-16 mm²)		
1.5 - 25 mm² / 1.5 - 25 mm²	1.5 - 16 mm² / 1.5 - 16 mm²	
12 - 4 / 1.5 - 16 mm²	16 - 8 / 1.5 - 10 mm²	
12 mm / 1.2 Nm	10 mm / 1.2 Nm	
Type	Part. No.	Qty.
AYK 10/16-2	**395 220**	
AYK 10/16-3	**395 230**	
AYK 10/16-4	**395 240**	
AYK 10/16-5	**395 250**	
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP AYK	**450 090**	10
TF (Ø4)	**493 040**	5
TSK 8 (Ø4)	**490 080**	5
ITK 32 (Ø4)	**492 020**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.5 - 16 mm² / 16 mm² - 76 A		
8 kV / 3		
1 / B6		
IP 20 / -		

ASK Series

Screw Type Fuse Terminal Blocks and Accessories for 5x20mm, 5x25mm Fuses

ASK 2 S

Width 8 mm
350 109
351 100



Torque: 0.8 Nm

Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 6.3 A / 6 mm²
UL / CSA	300 V ~ / 6.3 A / AWG 26 - 8
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 10 mm² / 1.5 - 10 mm²
AWG Conductor / Fine Strand with Ferrule	26 - 8 / 1.5 - 6 mm²
Insulation Stripping Length / Torque	12 mm / 0.8 Nm

Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	ASK 2 S	**351 109**	50

Mounting Rails	Type	Part. No.	Std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width grey	35x15	**TS3515SOL**	2m

End Bracket			
Thickness 8mm KD 3 — grey	KD 3	**495 049**	100

End Plate			
Width 1.5 mm - Polyamide 66	NPP ASK 2	**450 049**	25

NPP ASK 3 NPP ASK 2

Cross Connection

Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25

Group Marking			
GE — grey	GE	**496 119**	50
GE2	GE 2	**496 250**	25

Technical Data	
• Max.clamping range / Max. technical data	0.5 - 10 mm² / 10 mm² / 6.3 A
• Rated Impulse Voltage / Pollution severity	6 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B5
• Protection class / Protection conductor type	IP 20 / -

Marking Tags

See pages 104 & 105 for further detail

ASK 2 LD

Width 8 mm

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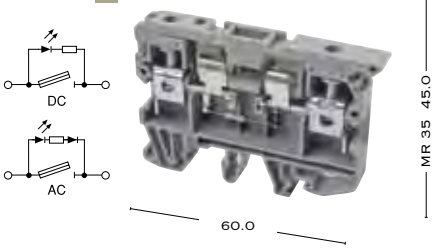
... ..9



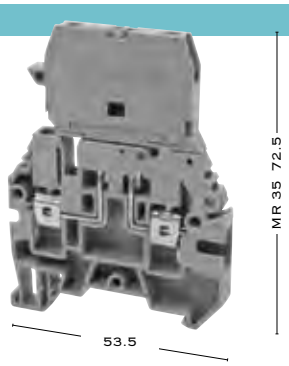
Torque: 0.8 Nm

ASK 3 M

Width 6.2 mm

355 109

355 100



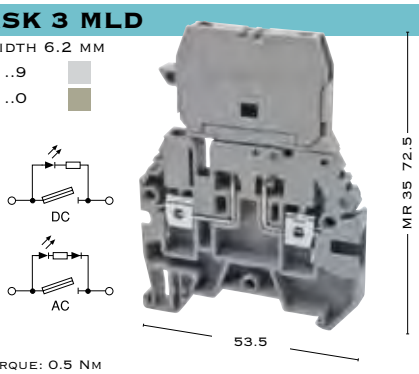
Torque: 0.5 Nm

ASK 3 MLD

Width 6.2 mm

... ..9

... ..0



Torque: 0.5 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / 6.3 A / 6 mm²			500 V ~ / 10 A / 4 mm²			- V ~ / 10 A / 4 mm²		
- V ~ / 6.3 A / AWG 26 - 8			600 V ~ / 10 A / AWG 26 - 10			- V ~ / 10 A / AWG 26 - 10		
0.5 - 10 mm² / 1.5 - 10 mm²			0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 6 mm² / 0.5 - 6 mm²		
26 - 8 / 1.5 - 6 mm²			26 - 8 / 0.5 - 4 mm²			26 - 10 / 0.5 - 4 mm²		
12 mm / 0.8 Nm			10 mm / 0.5 Nm			10 mm / 0.5 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
ASK 2 LD	**351 219** (24vac)	25	ASK 3 M	**355 109**	30	ASK 3 MLD	**355 219** (24vac)	30
ASK 2 LD	**351 229** (24vdc)	25				ASK 3 MLD	**355 229** (24vdc)	30
ASK 2 LD	**351 319** (48vac)	25				ASK 3 MLD	**355 319** (48vac)	30
ASK 2 LD	**351 329** (48vdc)	25				ASK 3 MLD	**355 329** (48vdc)	30
ASK 2 LD	**351 519** (110vac)	25				ASK 3 MLD	**355 519** (110vac)	30
ASK 2 LD	**351 529** (110vdc)	25				ASK 3 MLD	**355 529** (110vdc)	30
ASK 2 LD	**351 619** (220vac)	25				ASK 3 MLD	**355 619** (220vac)	30
ASK 2 LD	**351 629** (220vdc)	25				ASK 3 MLD	**355 629** (220vdc)	30
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP ASK 2	**450 049**	25	NPP ASK 3	**450 059**	10	NPP ASK 3	**450 059**	10
			UK 4/2	**476 232**	25	UK 4/2	**476 232**	25
			UK 4/3	**476 233**	20	UK 4/3	**476 233**	20
			UK 4/4	**476 234**	15	UK 4/4	**476 234**	15
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.5 - 10 mm² / 10 mm² / 6.3 A			0.2 - 6 mm² / 6 mm² / 10 A			0.2 - 6 mm² / 6 mm² / 10 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B5			1 / B4			1 / B4		
IP 20 / -			IP 20 / -			IP 20 / -		

ASK/AVK Series

Screw Type Fuse Terminal Blocks and Accessories for 5x20mm, 5x25mm Fuses

ASK 3 F

Width 6.2 mm
354 109
354 100

Torque: 0.5 Nm

Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 10 A / 4 mm²
UL / CSA	600 V ~ / 10 A / AWG 26 - 10
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 6 mm² / 0.5 - 6 mm²
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm²
Insulation Stripping Length / Torque	12 mm / 0.5 Nm

Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	ASK 3 F	**354 109**	30

Mounting Rails	Type	Part. No.	Std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width grey	35x15	**TS3515SOL**	2m

End Bracket			
Thickness 8mm KD 3 — grey	KD 3	**495 049**	100

End Plate			
Width 1.5 mm - Polyamide 66 — NPP ASK 3 / NPP AVK 4 FS	NPP ASK 3	**450 059**	10

Cross Connection			
	UK 4/2	**476 232**	25
	UK 4/3	**476 233**	20
	UK 4/4	**476 234**	15

Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25

Group Marking			
GE / GE2 — grey	GE	**496 119**	50
	GE 2	**496 250**	25

Technical Data	
• Max.clamping range / Max. technical data	0.2 - 6 mm² / 6 mm² / 10 A
• Rated Impulse Voltage / Pollution severity	6 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4
• Protection class / Protection conductor type	IP 20 / -

Marking Tags

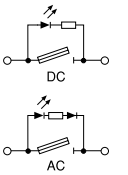
See pages 104 & 105 for further detail

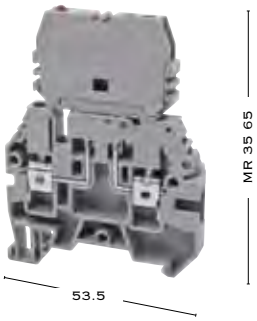
ASK 3 FLD

Width 6.2 mm

... ..9

... ..0





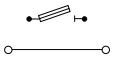
torque: 0.5 Nm

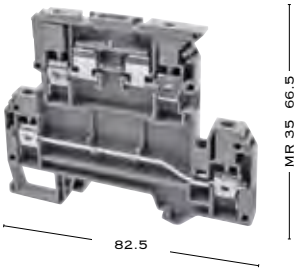
AVK 4 FS

Width 8 mm

353 309

353 300





torque: 0.5 Nm

Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / 10 A / 4 mm²			500 V ~ / 6.3 A / 4 mm² - 500V ~ / 32 A / 4 mm²		
- V ~ / 10 A / AWG 26 - 10			300 V ~ / 6.3 A / 4 mm² - 300V ~ / 30 A / 4 mm²		
0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 10 mm² / 1.5 - 10 mm²		
26 - 10 / 0.5 - 4 mm²			26 - 8 / 1.5 - 6 mm²		
12 mm / 0.5 Nm			12 mm / 0.8 Nm		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
ASK 3 FLD	**354 219** (24vac)	30	AVK 4 FS	**353 309**	50
ASK 3 FLD	**354 229** (24vdc)	30			
ASK 3 FLD	**354 319** (48vac)	30			
ASK 3 FLD	**354 329** (48vdc)	30			
ASK 3 FLD	**354 519** (110vac)	30			
ASK 3 FLD	**354 529** (110vdc)	30			
ASK 3 FLD	**354 619** (220vac)	30			
ASK 3 FLD	**354 629** (220vdc)	30			
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP ASK 3	**450 059**	10	NPP AVK 4 FS	**450 209**	10
UK 4/2	**476 232**	25	UK 6/2	**476 242**	25
UK 4/3	**476 233**	20	UK 6/3	**476 243**	20
UK 4/4	**476 234**	15	UK 6/4	**476 244**	15
			UK 6/10	**476 249**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 6 mm² / 6 mm² / 10 A			0.2 - 4 mm² / 6 mm² - 10 A / 41 A		
6 kV / 3			6 kV / 3		
1 / B4			1 / B4		
IP 20 / -			IP 20 / -		

ASK Series

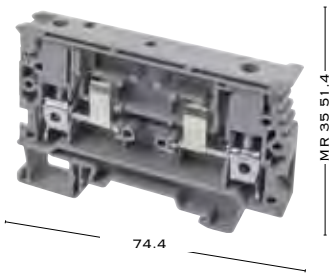
ASK 4 S

Screw Type Fuse Terminal Blocks for American Standards and Accessories for 1 1/4"x1/4" Fuses (fully enclosed, no end plate required)

Width 10 mm

351 129

351 120



Torque: 0.8 Nm

Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1 / 60947-7-3)	750 V ~ / 6.3 A / 6 mm²
UL / CSA	600 V ~ / 6.3 A / AWG 22 - 8
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 10 mm² / 1.5 - 10 mm²
AWG Conductor / Fine Strand with Ferrule	22 - 8 / 1.5 - 6 mm²
Insulation Stripping Length / Torque	12 mm / 0.8 Nm

Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	ASK 4 S	**351 129**	20

Mounting Rails	Type	Part. No.	Std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width grey	35x15	**TS3515SOL**	2m

End Bracket			
Thickness 8mm KD 3 — grey	KD 3	**495 049**	100

Warning Label			
IP — with symbol	IP 2 S	**498 130**	25
IP — without symbol	IP 2	**498 140**	25

Group Marking			
GE, GE2 — grey	GE	**496 119**	50
	GE 2	**496 250**	25

Technical Data	
• Max.clamping range / Max. technical data	0.5 - 10 mm² / 10 mm² / 6.3 A
• Rated Impulse Voltage / Pollution severity	8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B5
• Protection class / Protection conductor type	IP 20 / -

Marking Tags

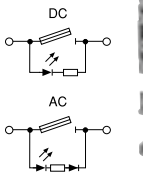
See pages 104 & 105 for further detail

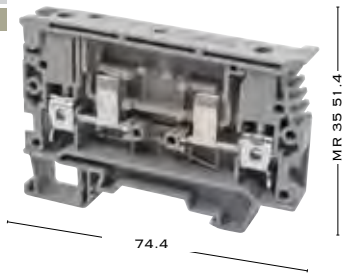
ASK 4 LD

Width 10 mm

... ..9

... ..0





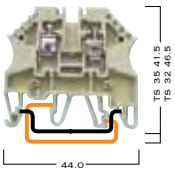
torque: 0.8 Nm

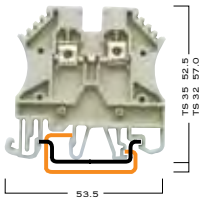
Voltage/Current/Cross-section		
- V ~ / 6.3 A / 6 mm²		
- V ~ / - A / AWG 22 - 8		
0.5 - 10 mm² / 1.5 - 10 mm²		
22 - 8 / 1.5 - 6 mm²		
12 mm / 0.8 Nm		
Type	Part. No.	Qty.
ASK 4 LD	**351 719** (24vac)	20
ASK 4 LD	**351 729** (24vdc)	20
ASK 4 LD	**351 739** (48vac)	20
ASK 4 LD	**351 749** (48vdc)	20
ASK 4 LD	**351 759** (110vac)	20
ASK 4 LD	**351 769** (110vdc)	20
ASK 4 LD	**351 779** (220vac)	20
ASK 4 LD	**351 789** (220vdc)	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.5 - 10 mm² / 10 mm² / 6.3 A		
8 kV / 3		
1 / B4		
IP 20 / -		

PEK Series

Feed-Through Terminal Blocks and Accessories

PEK type terminals are manufactured from a thermoplastic material and are mountable on TS35 and TS32 DIN rails. Nine different colors give users the ability to group control systems, current and/or voltage levels.

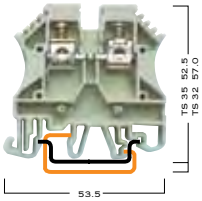


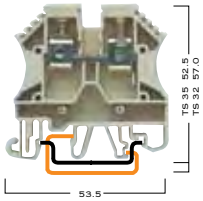


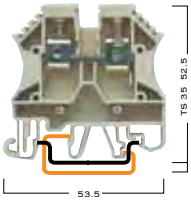
	PEK 2.5 K	PEK 2.5
	Width 5 mm	Width 6 mm
	305 110	305 120
Electrical Ratings		
Voltage/Current/Cross-section	500 V~/18 A/1.5 mm²	750 V~/26 A/2.5 mm²
VDE (IEC 60947-7-1)	500 V~/17.5 A/1.5 mm²	750 V~/26 A/2.5 mm²
UL	600 V~/18 A/AWG 26-12	600 V~/26 A/AWG 26-12
Insulation Stripping Length	10 mm	10 mm
Connection Data		
Solid Strand, Screw Connection	0.5 - 2.5 mm²	0.5 - 4 mm²
Fine Strand, Screw Connection	1.5 - 2.5 mm²	1.5 - 2.5 mm²
AWG Conductor	26 – 12	26 – 12
Ordering Data	Part No. / Std. Pk.	Part No. / Std. Pk.
Polyamide 6.6 — beige	**305 110** / **100**	**305 120** / **100**
Mounting Rails	Type / Part No. / Std. Pk.	Type / Part No. / Std. Pk.
TS 35x7.5 solid — TS 35x15 solid	slotted	slotted
TS 35x7.5 slotted — TS 35x15 slotted	35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m
	35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m
	35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m
	35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m
Steel slot dim. — Aluminum slot dim.	solid	solid
25mm on 36mm center — 13mm on 26mm center	35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m
5.2mm slot width — 5mm slot width	35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m
End Bracket		
Thickness 8mm, KD 3 — beige	KD 3 **495 040** 100	KD 3 **495 040** 100
End Plate – Partition		
Thickness 1.5mm — beige	NPP 2.5 K **445 110** 100	NPP 2.5-10 **445 150** 100
Polyamide 6.6 — beige	APP 2.5 K **463 110** 25	APP 2.5-10 **463 150** 25
NPP — APP		
Small Partition		
beige	AD 1 **467 910** 100	
		AD 2 **467 950** 100
Cross Connection		
	UK 2.5/2 **475 112** 25	UK 2.5/2 **475 122** 25
	UK 2.5/3 **475 113** 20	UK 2.5/3 **475 123** 20
	UK 2.5/4 **475 114** 15	UK 2.5/4 **475 124** 15
	UK 2.5/10 **475 119** 5	UK 2.5/10 **475 129** 5
Switchable Cross Connection Links		
Test Plug-Soc. / Ins. Test Soc.		
TF	TF (Ø2) **493 020** 5	TF (Ø2) **493 020** 5
	TF(Ø2.3) **493 023** 5	TF(Ø2.3) **493 023** 5
ITK	TSK 1(Ø2) **490 010** 5	TSK 2(Ø2) **490 020** 5
TSK	TSK 3 (Ø2.3) **490 030** 5	TSK 4 (Ø2.3) **490 040** 5
		ITK 28 (Ø4) **492 010** 5
Warning Label		
IP — with symbol	IP 1 S **498 110** 25	IP 2 S **498 130** 25
without symbol	IP 1 **498 120** 25	IP 2 **498 140** 25
Group Marking		
GE, GE 1 - GE 2, MGE 1 — beige	GE **496 110** 50	GE **496 110** 50
	GE 1 **496 210** 25	GE 2 **496 250** 25
	MGE 1 **496 260** 25	MGE 1 **496 260** 25
Marking Tags		
See page 104 & 105 for further detail.		

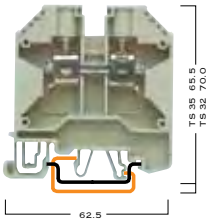
Colors	Terminals	End Plate	Partition
	Part Number	Part Number	Part Number
	PEK 2.5 K	**NPP**	**APP**
beige	**305 110**	**445 110**	**463 110**
blue	**305 111**	**445 111**	**463 111**
green	**305 112**	**445 112**	**463 112**
yellow	**305 113**	**445 113**	**463 113**
red	**305 114**	**445 114**	**463 114**
black	**305 115**	**445 115**	**463 115**
white	**305 116**	**445 116**	**463 116**
orange	**305 117**	**445 117**	**463 117**
brown	**305 118**	**445 118**	**463 118**
	PEK 2.5	**NPP**	**APP**
beige	**305 120**	**445 150**	**463 150**
blue	**305 121**	**445 151**	**463 151**
green	**305 122**	**445 152**	**463 152**
yellow	**305 123**	**445 153**	**463 153**
red	**305 124**	**445 154**	**463 154**
black	**305 125**	**445 155**	**463 155**
white	**305 126**	**445 156**	**463 156**
orange	**305 127**	**445 157**	**463 157**
brown	**305 128**	**445 158**	**463 158**
	PEK 4	**NPP**	**APP**
beige	**305 130**	**445 150**	**463 150**
blue	**305 131**	**445 151**	**463 151**
green	**305 132**	**445 152**	**463 152**
yellow	**305 133**	**445 153**	**463 153**
red	**305 134**	**445 154**	**463 154**
black	**305 135**	**445 155**	**463 155**
white	**305 136**	**445 156**	**463 156**
orange	**305 137**	**445 157**	**463 157**
brown	**305 138**	**445 158**	**463 158**
	PEK 6	**NPP**	**APP**
beige	**305 140**	**445 150**	**463 150**
blue	**305 141**	**445 151**	**463 151**
green	**305 142**	**445 152**	**463 152**
yellow	**305 143**	**445 153**	**463 153**
red	**305 144**	**445 154**	**463 154**
black	**305 145**	**445 155**	**463 155**
white	**305 146**	**445 156**	**463 156**
orange	**305 147**	**445 157**	**463 157**
brown	**305 148**	**445 158**	**463 158**
	PEK 10	**NPP**	**APP**
beige	**305 150**	**445 150**	**463 150**
blue	**305 151**	**445 151**	**463 151**
green	**305 152**	**445 152**	**463 152**
yellow	**305 153**	**445 153**	**463 153**
red	**305 154**	**445 154**	**463 154**
black	**305 155**	**445 155**	**463 155**
white	**305 156**	**445 156**	**463 156**
orange	**305 157**	**445 157**	**463 157**
brown	**305 158**	**445 158**	**463 158**
	PEK 16	**NPP**	**APP**
beige	**305 160**	**445 170**	**463 170**
blue	**305 161**	**445 171**	**463 171**
green	**305 162**	**445 172**	**463 172**
yellow	**305 163**	**445 173**	**463 173**
red	**305 164**	**445 174**	**463 174**
black	**305 165**	**445 175**	**463 175**
white	**305 166**	**445 176**	**463 176**
orange	**305 167**	**445 177**	**463 177**
brown	**305 168**	**445 178**	**463 178**
	PEK 35	**NPP**	**APP**
beige	**305 170**	**445 170**	**463 170**
blue	**305 171**	**445 171**	**463 171**
green	**305 172**	**445 172**	**463 172**
yellow	**305 173**	**445 173**	**463 173**
red	**305 174**	**445 174**	**463 174**
black	**305 175**	**445 175**	**463 175**
white	**305 176**	**445 176**	**463 176**
orange	**305 177**	**445 177**	**463 177**
brown	**305 178**	**445 178**	**463 178**
	PEK 35 I	**NPP**	**APP**
beige	**305 180**	**445 170**	**463 170**
blue	**305 181**	**445 171**	**463 171**
green	**305 182**	**445 172**	**463 172**
yellow	**305 183**	**445 173**	**463 173**
red	**305 184**	**445 174**	**463 174**
black	**305 185**	**445 175**	**463 175**
white	**305 186**	**445 176**	**463 176**
orange	**305 187**	**445 177**	**463 177**
brown	**305 188**	**445 178**	**463 178**

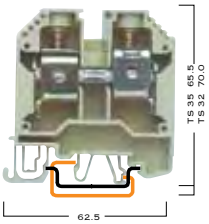
PEK 4	PEK 6	PEK 10	PEK 16	PEK 35	PEK 35 I
Width 6.5 mm	Width 8 mm	Width 10 mm	Width 12 mm	Width 16 mm	Width 16 mm
305 130	305 140	305 150	305 160	305 170	305 180

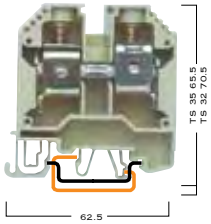












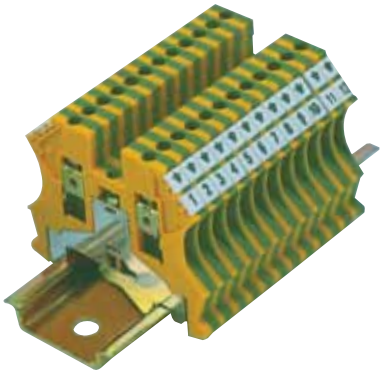
(with hexagon socket screw)

750 V~/34 A/4 mm²	750 V~/44 A/6 mm²	750 V~/61 A/10 mm²	750 V~/82 A/16 mm²	750 V~/135 A/35 mm²	750 V~/135 A/35 mm²
750 V~/32 A/4 mm²	750 V~/41 A/6 mm²	750 V~/57 A/10 mm²	750 V~/76 A/16 mm²	750 V~/125 A/35 mm²	750 V~/125 A/35 mm²
600 V~/34 A/AWG 26-10	600 V~/44 A/AWG 26-8	600 V~/50 A/AWG 16-8	600 V~/65 A/AWG 14-6	600 V~/115 A/AWG 10-2	600 V~/115 A/AWG 10-2
10 mm	12 mm	12 mm	16 mm	18 mm	18 mm
0.5 - 6 mm²	0.5 - 10 mm²	1.5 - 16 mm²	1.5 - 16 mm²	6 - 16 mm²	6 - 16 mm²
1.5 - 4 mm²	1.5 - 6 mm²	1.5 - 10 mm²	1.5 - 16 mm²	6 - 35 mm²	6 - 35 mm²
26 – 10	26 – 8	16 – 6	14 – 4	10 – 1	10 – 1
Part No. Std. Pk.	Part No. Std. Pk.	Part No. Std. Pk.	Part No. Std. Pk.	Part No. Std. Pk.	Part No. Std. Pk.
305 130 100	**305 140 100**	**305 150 100**	**305 160 50**	**305 170 50**	**305 180 30**
Type Part No. Std. Pk.	Type Part No. Std. Pk.	Type Part No. Std. Pk.	Type Part No. Std. Pk.	Type Part No. Std. Pk.	Type Part No. Std. Pk.
slotted	slotted	slotted	slotted	slotted	slotted
35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m	35x7.5 **TS3575SL** 2m
35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m	35x7.5 **TS3575SL1** 1m
35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m	35x7.5 **TS3575SL1-A** 1m
35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m	35x15 **TS3515SL** 2m
solid	solid	solid	solid	solid	solid
35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m	35x7.5 **TS3575SOL** 2m
35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m	35x15 **TS3515SOL** 2m
KD 3 **495 040** 100	KD 3 **495 040** 100	KD 3 **495 040** 100	KD 3 **495 040** 100	KD 3 **495 040** 100	KD 3 **495 040** 100
NPP 2.5-10 **445 150** 100	NPP 2.5-10 **445 150** 100	NPP 2.5-10 **445 150** 100	NPP 16-35 **445 170** 25	NPP 16-35 **445 170** 25	NPP 16-35 **445 170** 25
APP 2.5-10 **463 150** 25	APP 2.5-10 **463 150** 25	APP 2.5-10 **463 150** 25	APP 16-35 **463 170** 25	APP 16-35 **463 170** 25	APP 16-35 **463 170** 25
AD 2 **467 950** 100	AD 2 **467 950** 100	AD 2 **467 950** 100			
UK 4/2 **475 132** 25	UK 6/2 **475 142** 25	UK 10/2 **475 152** 25	UK 16/2 **475 162** 25	UK 35/2 **475 172** 25	UK 35/2 **475 172** 25
UK 4/3 **475 133** 20	UK 6/3 **475 143** 20	UK 10/3 **475 153** 20	UK 16/3 **475 163** 20	UK 35/3 **475 173** 20	UK 35/3 **475 173** 20
UK 4/4 **475 134** 15	UK 6/4 **475 144** 15	UK 10/4 **475 154** 15	UK 16/4 **475 164** 15	UK 35/4 **475 174** 15	UK 35/4 **475 174** 15
UK 4/10 **475 139** 5	UK 6/10 **475 149** 5	UK 10/10 **475 159** 5	UK 16/10 **475 169** 5	UK 35/10 **475 179** 5	UK 35/10 **475 179** 5
CK 4 **485 204** 25	CK 6 **485 206** 25	CK 10 **485 210** 25	CK 16 **485 216** 10	CK 16 **485 235** 10	CK 16 **485 235** 10
TF(Ø2.3) **493 023** 5	TF(Ø2.3) **493 023** 5	TF(Ø2.3) **493 023** 5	TF(Ø4) **493 040** 5	TF(Ø4) **493 040** 5	TF(Ø4) **493 040** 5
TF(Ø4) **493 040** 5	TF(Ø4) **493 040** 5	TF(Ø4) **493 040** 5			
TSK 4(Ø2.3) **490 040** 5	TSK 4(Ø2.3) **490 040** 5	TSK 4(Ø2.3) **490 040** 5	TSK 8 (Ø4) **490 080** 5	TSK 9 (Ø4) **490 090** 5	TSK 9 (Ø4) **490 090** 5
TSK 7 (Ø4) **490 070** 5	TSK 7 (Ø4) **490 070** 5	TSK 7 (Ø4) **490 070** 5			
ITK 28((Ø4) **492 010** 5	ITK 28((Ø4) **492 010** 5	ITK 28((Ø4) **492 010** 5	ITK 32(Ø4) **492 020** 5		
IP 2 S **498 130** 25	IP 2 S **498 130** 25	IP 2 S **498 130** 25	IP 3 S **498 143** 25	IP 3 S **498 143** 25	IP 3 S **498 143** 25
IP 2 **498 140** 25	IP 2 **498 140** 25	IP 2 **498 140** 25	IP 3 **498 145** 25	IP 3 **498 145** 25	IP 3 **498 145** 25
GE **496 110** 50	GE **496 110** 50	GE **496 110** 50	GE **496 110** 50	GE **496 110** 50	GE **496 110** 50
GE 2 **496 250** 25	GE 2 **496 250** 25	GE 2 **496 250** 25	GE 3 **496 255** 10	GE 3 **496 255** 10	GE 3 **496 255** 10
MGE 1 **496 260** 25	MGE 1 **496 260** 25	MGE 1 **496 260** 25	MGE 1 **496 260** 25	MGE 1 **496 260** 25	MGE 1 **496 260** 25

WGT Series

Ground Terminal Blocks

WGT Series ground terminals can be used on both TS35 and TS32 DIN Rails. The yellow/green color combination meets international standards for ground labeling. The internal metal parts electrically connect the field wiring to the DIN rail. DIN rails mounted to metallic cabinetry and connected to earth, complete the proper grounding process.



Electrical Ratings

Voltage/Current/Cross-section
VDE (IEC 60947-7-2)
UL

Insulation Stripping Length

Connection Data

Solid Strand, Screw Connection
Fine Strand, Screw Connection
AWG Conductor

Ordering Data

Polyamide 6.6 — yellow-green

Mounting Rails

TS 35x7.5 solid	TS 35x15 solid
TS 35x7.5 slotted	TS 35x15 slotted
steel slot dim.	aluminum slot dim.
25mm on 36mm center	13mm on 26mm center
5.2mm slot width	5mm slot width

Thickness 8mm — KD 3 — beige

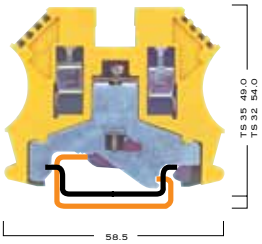
Marking Tags

See page 104 & 105 for further detail.

WGT 2.5

Width 5 mm

331 120



- V~ / - A / 2.5 mm²
- V~ / - A / 2.5 mm²
- V~ / - A / AWG 26-12

12 mm

0.5 - 4 mm²
1.5 - 2.5 mm²
26 – 12

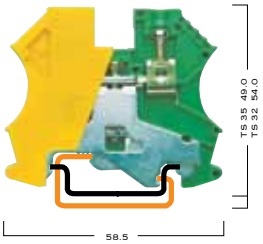
Part No.	Std. Pk.
331 120	**50**

Type	Part No.	Std. Pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100

WGT 4

Width 6 mm

331 130



- V~ / - A / 4 mm²
- V~ / - A / 4 mm²
- V~ / - A / AWG 26-12

12 mm

0.5 - 6 mm²
1.5 - 4 mm²
26 – 10

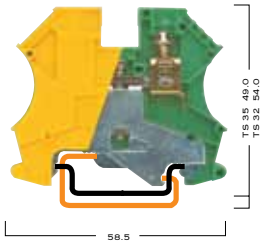
Part No.	Std. Pk.
331 130	**50**

Type	Part No.	Std. Pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100

WGT 6

Width 8 mm

331 140



- V~ / - A / 6 mm²
- V~ / - A / 6 mm²
- V~ / - A / AWG 26-8

12 mm

0.5 - 10 mm²
1.5 - 6 mm²
20 – 8

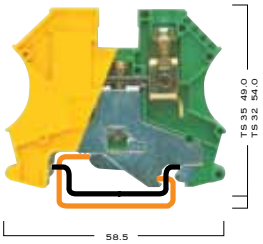
Part No.	Std. Pk.
331 140	**40**

Type	Part No.	Std. Pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100

WGT 10

Width 10 mm

331 150



- V~ / - A / 10 mm²
- V~ / - A / 10 mm²
- V~ / - A / AWG 16-8

12 mm

0.5 - 16 mm²
1.5 - 10 mm²
16 – 6

Part No.	Std. Pk.
331 150	**30**

Type	Part No.	Std. Pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100

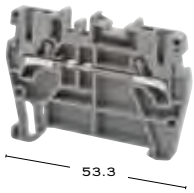
PYK Series

Practical Spring Clamp Feed Thru Terminal Blocks and Accessories

PYK 1.5

Width 4.2 mm
307 009

PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.



Colors	Terminals	End Plate
	Part Number	Part Number
	PYK 1.5	**NPP**
Grey	**307 009**	**446 449**
Blue	**307 001**	**446 441**
Green	**307 002**	**446 442**
Yellow	**307 003**	**446 443**
Red	**307 004**	**446 444**
Beige	**307 000**	**446 440**
	PYK 2.5	**NPP**
Grey	**307 109**	**446 449**
Blue	**307 101**	**446 441**
Green	**307 102**	**446 442**
Yellow	**307 103**	**446 443**
Red	**307 104**	**446 444**
Beige	**307 100**	**446 440**
	PYK 4	**NPP**
Grey	**307 119**	**446 459**
Blue	**307 111**	**446 451**
Green	**307 112**	**446 452**
Yellow	**307 113**	**446 453**
Red	**307 114**	**446 454**
Beige	**307 110**	**446 450**
	PYK 6	**NPP**
Grey	**307 129**	**446 469**
Blue	**307 121**	**446 461**
Green	**307 122**	**446 462**
Yellow	**307 123**	**446 463**
Red	**307 124**	**446 464**
Beige	**307 120**	**446 469**
	PYK 10	**NPP**
Grey	**307 139**	**446 479**
Blue	**307 131**	**446 471**
Green	**307 132**	**446 472**
Yellow	**307 133**	**446 473**
Red	**307 134**	**446 474**
Beige	**307 130**	**446 470**

Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1)	800 V / 17.5 A / 1.5 mm²
UL / CSA	
VDE	
ATEX	
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 2.5 mm² / 0.5 - 2.5 mm²
AWG Conductor / Fine Strand with Ferrule	22 - 14 / 0.5 - 1.5 mm²
Insulation Stripping Length / Torque	10 mm / ...

Ordering Data

Polyamide 66 Grey

Type	Part. No.	Qty.
PYK 1.5	**307 009**	80

Mounting Rails

TS 35x7.5 solid
TS 35x7.5 slotted

Steel slot dim.
25mm on 36mm center
5.2mm slot width

TS 35x15 solid
TS 35x15 slotted

Aluminum slot dim.
13mm on 26mm center
5mm slot width

Type	Part. No.	Std. Pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m

End Plate

Thickness 1.2mm
Polyamide 66

NPP

APP PYK

Grey	NPP PYK 2.5	**446 449**	100
	APP PYK 1.5	**463 180**	25

Cross Connection

UK 1.5/2	**476 602**	25
UK 1.5/3	**476 603**	20
UK 1.5/4	**476 604**	15
UK 1.5/10	**476 609**	5

Warning Label

IP

With symbol	IP 2 S	**498 130**	25
Without symbol	IP 2	**498 140**	25

Group Marking

GE

GE2

Grey	GE	**496 119**	50
	GE 2	**496 250**	25

Technical Data

• Max.clamping range / Max. technical data	0.2-2.5 mm² / 24 A
• Rated Impulse Voltage / Pollution severity	8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Protection class / Protection conductor type	IP 20 / -

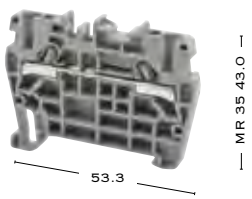
Marking Tags

See pages 104 & 105 for further detail

PYK 2.5

Width 5 mm

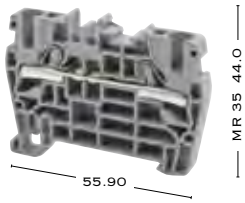
307 109



PYK 4

Width 6 mm

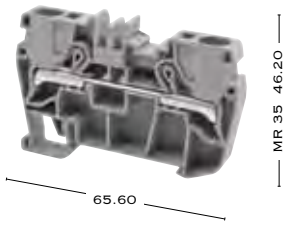
307 119



PYK 6

Width 8 mm

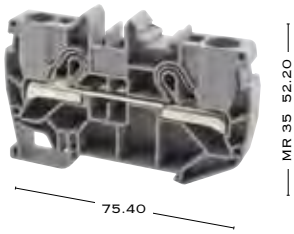
307 129



PYK 10

Width 10 mm

307 139



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
800 V ~ / 24 A / 2.5 mm²			800 V ~ / 32 A / 4 mm²			800 V ~ / 41 A / 6 mm²			800 V ~ / 57 A / 10 mm²		
600 V ~ / 20 A / AWG 22-12			600 V ~ / 30 A / AWG 22-10			600 V ~ / 45 A / AWG 20-8			600 V ~ / 55 A / AWG 20-6		
800 V ~ / 24 A / 2.5 mm²			800 V ~ / 32 A / 4 mm²								
800 V ~ / 24 A			800 V ~ / 32 A			800 V ~ / 41 A			800 V ~ / 57 A		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 10 mm² / 0.5 - 10 mm²			0.5 - 16 mm² / 0.5 - 16 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 10 / 0.5 - 4 mm²			20 - 8 / 0.5 - 6 mm²			20 - 6 / 0.5 - 10 mm²		
10 mm / ...			10 mm / ...			13 mm / ...			15 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 2.5	**307 109**	100	PYK 4	**307 119**	100	PYK 6	**307 129**	60	PYK 10	**307 139**	50
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 2.5	**446 449**	100	NPP PYK 4	**446 459**	100	NPP PYK 6	**446 469**	50	NPP PYK 10	**446 479**	50
APP PYK 1.5-2.5-4	**463 180**	25	APP PYK 4	**463 180**	25	APP PYK 6	**463 190**	25	APP PYK 10	**463 200**	25
UK 2.5/2	**476 222**	25	UK 4/2	**476 232**	25	UK 6/2	**476 242**	25	UK 10/2	**476 252**	25
UK 2.5/3	**476 223**	20	UK 4/3	**476 233**	20	UK 6/3	**476 243**	20	UK 10/3	**476 253**	20
UK 2.5/4	**476 224**	15	UK 4/4	**476 234**	15	UK 6/4	**476 244**	15	UK 10/4	**476 254**	15
UK 2.5/10	**476 229**	5	UK 4/10	**476 239**	5	UK 6/10	**476 249**	5	UK 10/10	**476 259**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 6 mm² / 6 mm² / 41 A			0.2 - 10 mm² / 10 mm² / 57 A			0.2 - 16 mm² / 16 mm² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A4			1 / A5			1 / A4		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

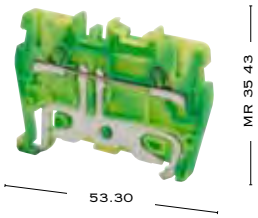
PYK Series

Practical Spring Clamp Ground Terminal Blocks and Accessories

PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 1.5 T

Width 4.2 mm
336 490

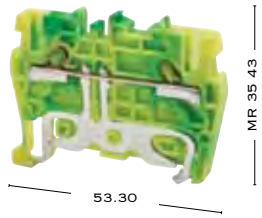


Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-2)		- V / - A / 1.5 mm²	
UL / CSA			
VDE			
ATEX			
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 2.5 mm² / 0.5 - 2.5 mm²	
AWG Conductor / Fine Strand with Ferrule		22 - 14 / 0.5 - 1.5 mm²	
Insulation Stripping Length / Torque		10 mm / ...	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey		PYK 1.5 T	**336 490**	80
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Plate				
Thickness 1.2mm	yellow-green	NPP PYK 1.5-2.5T	**446 442 T**	100
Polyamide 66				
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	GE2 grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2-2.5 mm² / -		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PYK 2.5 T

Width 5 mm

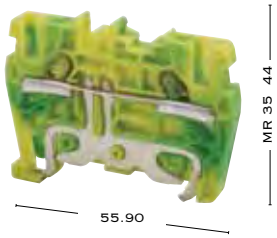
336 500



PYK 4 T

Width 6 mm

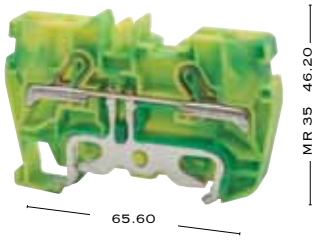
336 510



PYK 6 T

Width 8 mm

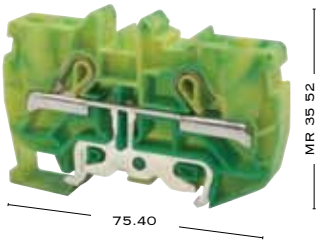
336 520



PYK 10 T

Width 10 mm

336 530

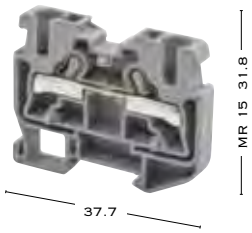


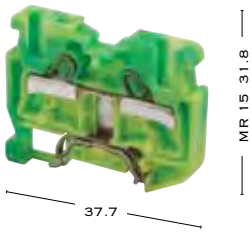
Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / - A / 2.5 mm²			- V ~ / - A / 4 mm²			- V ~ / - A / 6 mm²			- V ~ / - A / 10 mm²		
- V ~ / - A / AWG 22-12			- V ~ / - A / AWG 22-10			- V ~ / - A / AWG 20-8			- V ~ / - A / AWG 20-6		
- V ~ / - A / 2.5 mm²			- V ~ / - A / 4 mm²								
800 V			800 V			800 V			800 V		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 10 mm² / 0.5 - 10 mm²			0.5 - 16 mm² / 0.5 - 16 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 10 / 0.5 - 4 mm²			20 - 8 / 0.5 - 6 mm²			20 - 6 / 0.5 - 10 mm²		
10 mm / ...			10 mm / ...			13 mm / ...			15 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 2.5 T	**336 500**	50	PYK 4 T	**336 510**	50	PYK 6 T	**336 520**	60	PYK 10 T	**336 530**	25
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 1.5-2.5T	**446 442 T**	10	NPP PYK 4 T	**446 452 T**	10	NPP PYK 6 T	**446 462 T**	10	NPP PYK 10 T	**446 472 T**	10
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / -			0.2 - 6 mm² / -			0.2 - 10 mm² / 57 A			0.2 - 16 mm² / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A4			1 / A5			1 / A4		
IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE		

PYKM Series

Practical Spring Clamp
Mini Terminal Blocks
and Accessories
For use with 15mm DIN Rail

PYKM 2.5	PYKM 2.5 T
Width 5 mm	Width 5 mm
307 399	336 430
307 390	





Electrical Ratings		Voltage/Current/Cross-section			Voltage/Current/Cross-section		
CE (EN 60947-7-1)		800 V ~ / 24 A / 2.5 mm²			- V ~ / - A / 2.5 mm²		
UL / CSA							
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Ordering Data		Type	Part. No.	Qty.	Type	Part. No.	Qty.
Polyamide 66	grey	PYKM 2.5	**307 399**	50			
	yellow-green				PYKM 2.5 T	**336 430**	50
End Plate							
	grey	PYKM NPP1	**446 589**	100			
		PYKM NPP2	**446 599**	50			
	yellow-green				PYKM NPP1	**446 582 T**	25
					PYKM NPP2	**446 592 T**	25
Warning Label							
IP	with symbol	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25	IP 2	**498 140**	25
Group Marking							
GE GE2	grey	GE	**496 119**	50	GE	**496 119**	50
		GE 2	**496 250**	25	GE 2	**496 250**	25
Technical Data							
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 4 mm² /		
• Rated Impulse Voltage / Pollution severity		8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / PE		
Marking Tags							
See pages 104 & 105 for further detail							

PYK test terminals, which minimize the time needed for test and control connections, can be marked with Standard marking tags and thermal printer labels. PYK test terminals, being as a group together, can be used with PYK 2,5 terminals. When plates are added to Test terminals, they can be used with PYK 4 terminals.

498 559

PYK TEST A

498 659

	Used for Terminals
307 009	PYK 1.5
307 109	PYK 2.5
307 119	PYK 4
307 229	PYK 4 E
307 169	PYK 2.5 A
307 219	PYK 2.5 CCA
307 389	PYK 2.5 C
307 439	PYK 2,5 E

PYK Series

Double-Deck Practical Spring Clamp Terminal Blocks and Accessories

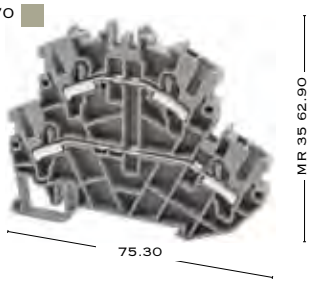
PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 2.5-2F

Width 5 mm

307 179

307 170



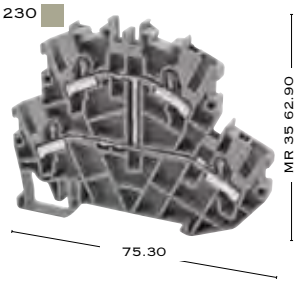
Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1)		500 V ~ / 24 A / 2.5 mm²	
UL / CSA		500 V ~ / 20 A / AWG 22-12	
VDE			
ATEX		500 V ~ / 21 A	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²	
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		10 mm / ...	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey		PYK 2.5-2F	**307 179**	40
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Plate				
Thickness 1.2mm	Grey	NPP PYK 2.5-2F	**446 519**	25
Polyamide 66				
Electrical Ratings				
Diode Reverse Voltage				
Diode Current				
Diode				
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	GE2 Grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PYK 2.5-2FK

Width 5 mm

307 239

307 230

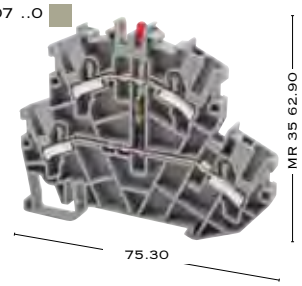


PYK 2.5-2FLD

Width 5 mm

307 ..9

307 ..0

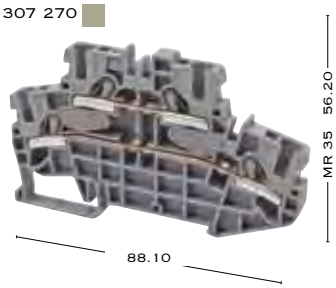


PYK 4-2F

Width 6 mm

307 279

307 270

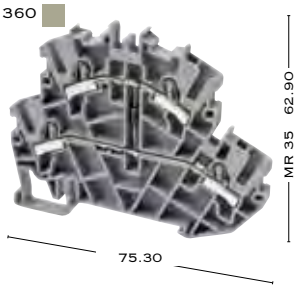


PYK 2.5-2FD A

Width 5 mm

307 369

307 360



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²			500 V ~ / 24 A / 2.5 mm²			500 V ~ / 32 A / 4 mm²			500 V ~ / 24 A / 2.5 mm²		
						300 V ~ / 30 A / AWG 22-10					
						500 V ~ / 32 A					
						500 V ~ / 32 A					
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²			22 - 10 / 0.5 - 4 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...			10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 2.5-2FK	**307 239**	40	PYK 2.5-2FLD	**307 349 24VDC**	40	PYK 4-2F	**307 279**	25	PYK 2.5-2FD A	**307 369**	40
			PYK 2.5-2FLD	**307 359 220VAC**	40						
Type	Part. No.	Std. pk.	Type	Part. No.	Std. pk.	Type	Part. No.	Std. pk.	Type	Part. No.	Std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 2.5-2F	**446 519**	25	NPP PYK 2.5-2F	**446 519**	25	NPP PYK 4-2F	**446 579**	25	NPP PYK 2.5-2F	**446 519**	25
									1000 V		
									0.5 A		
									1 N 4007		
UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25	UK 4/2	**476 232**	25	UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20	UK 4/3	**476 233**	20	UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15	UK 4/4	**476 234**	15	UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5	UK 4/10	**476 239**	5	UK 2.5/10	**476 229**	5
Note: only lower decks can be cross-connected			Note: only lower decks can be cross-connected								
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / 32 A			0.2 - 4 mm² / 32 A			0.2 - 6 mm² / 41 A			0.2 - 4 mm² / 32 A		
6 kV / 3			6 kV / 3			6 kV / 3			6 kV / 3		
1 / A3			1 / A3			1 / A4			1 / A3		
IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		

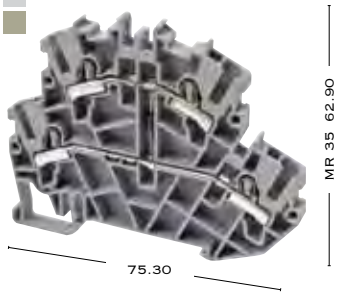
PYK Series

Double-Deck and Multilevel Practical Spring Clamp Terminal Blocks and Accessories

PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 2.5-2FD B

Width 5 mm
307 379
307 370



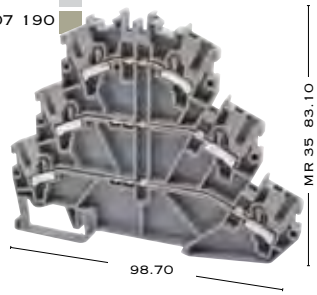
Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1/EN 60947-7-2)	500 V ~ / 24 A / 2.5 mm²		
UL / CSA			
ATEX			
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque	10 mm / ...		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	PYK 2.5-2FD B	**307 379**	40
Mounting Rails	Type	Part. No.	std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Plate			
Width 1.2mm Grey	NPP PYK 2.5-2F	**446 519**	25
Polyamide 66			
Electrical Ratings			
Diode Reverse Voltage	1000 V		
Diode Current	0.5 A		
Diode	1 N 4007		
Cross Connection			
	UK 2.5/2	**476 222**	25
	UK 2.5/3	**476 223**	20
	UK 2.5/4	**476 224**	15
	UK 2.5/10	**476 229**	5
Warning Label			
IP with symbol	IP 2 S	**498 130**	25
IP without symbol	IP 2	**498 140**	25
Group Marking			
GE / GE2 Grey	GE	**496 119**	50
	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity	6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

PYK 2.5-3F

Width 5 mm

307 199

307 190

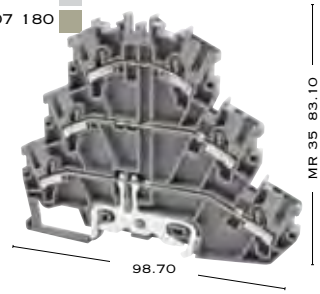


PYK 2.5-2FT

Width 5 mm

307 189

307 180

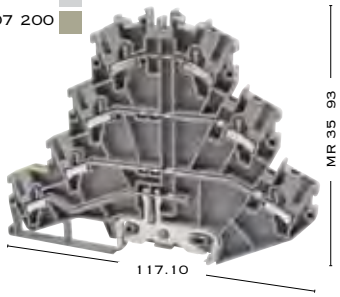


PYK 2.5-3FT

Width 5 mm

307 209

307 200



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²			500 V ~ / 24 A / 2.5 mm²			500 V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 2.5-3F	**307 199**	30	PYK 2.5-2FT	**307 189**	30	PYK 2.5-3FT	**307 209**	30
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 2.5-2FT	**446 529**	10	NPP PYK 2.5-2FT	**446 529**	10	NPP PYK 2.5-3F	**446 539**	30
UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / 32 A			0.2 - 4 mm² / 32 A			0.2 - 4 mm² / 32 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A3			1 / A3			1 / A3		
IP 20 / -			IP 20 / PE			IP 20 / -		

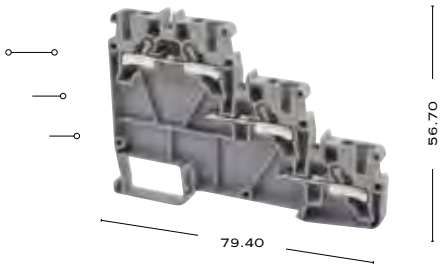
PYK Series

Practical Spring Clamp Sensor Terminal Blocks and Accessories

PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 3 S

Width 5 mm
307 409
307 400



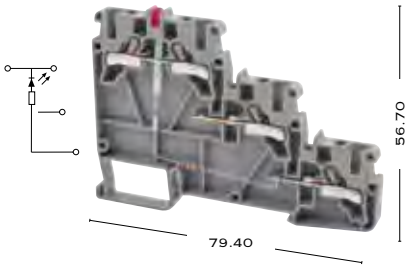
Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1)		250 V ~ / 24 A / 2.5 mm²	
UL / CSA			
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²	
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		10 mm / ...	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey		PYK 3 S	**307 409**	20
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Plate				
Thickness 1.5mm	grey	NPP PYK 3 S	**446 609**	10
Polyamide 66				
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	GE2 grey	GE	**496 119**	50
		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2-4 mm² / 4 mm² - 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PYK 6 SLD (NPN)

Width 5 mm

307 419

307 410

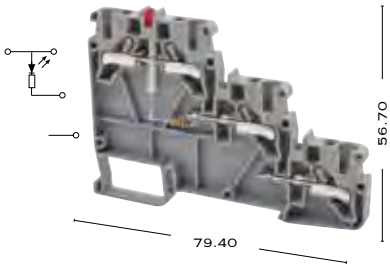


PYK 3 SLD (PNP)

Width 5 mm

307 429

307 420



Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²			- V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 3 SLD (NPN)	**307 419**	20	PYK 3 SLD (PNP)	**307 429**	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 3 S	**446 609**	10	NPP PYK 3 S	**446 609**	10
UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25
0.2-4 mm² / 4 mm² - 32 A			0.2-4 mm² / 4 mm² - 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		

PYK Series

Practical Spring Clamp Fuse and Disconnect Terminal Blocks and Accessories

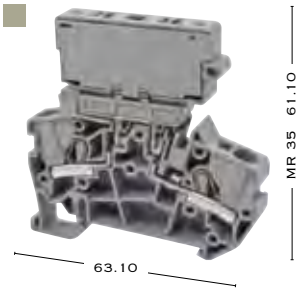
PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 4 S

Width 8 mm

307 249

307 240



CE

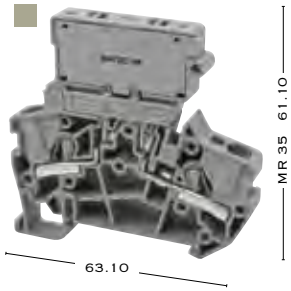
Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-3)	500 V ~ / 10 A / 4 mm²		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 6 mm² / 0.5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque	10 mm / ...		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 Grey	PYK 4 S	**307 249**	15
Grey			
Mounting Rails	Type	Part. No.	std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
Cross Connection			
	UK 6/2	**476 242**	25
	UK 6/3	**476 243**	20
	UK 6/4	**476 244**	15
	UK 6/10	**476 249**	5
Warning Label			
IP with symbol	IP 2 S	**498 130**	25
IP without symbol	IP 2	**498 140**	25
Group Marking			
GE Grey	GE	**496 119**	50
GE2 Grey	GE 2	**496 250**	25
Technical Data			
• Max.clamping range / Max. technical data	0.2-6 mm² / 10 A		
• Rated Impulse Voltage / Pollution severity	6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A4		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

PYK 4 SLD

Width 8 mm

307 ..9

307 ..0

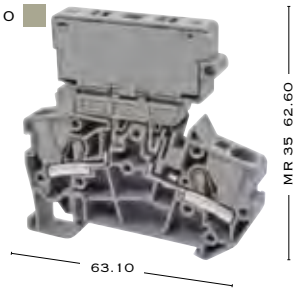


PYK 4 I

Width 8 mm

307 319

307 310

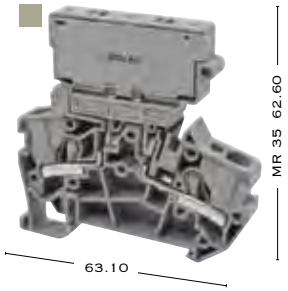


PYK 4 ILD

Width 8 mm

307 ..9

307 ..0



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm²			500 V ~ / 10 A / 4 mm²			500 V ~ / 10 A / 4 mm²		
0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 6 mm² / 0.5 - 6 mm²		
22 - 10 / 0.5 - 4 mm²			22 - 10 / 0.5 - 4 mm²			22 - 12 / 0.5 - 4 mm²		
10 mm / ...			10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 4 SLD	**307 259 24VDC**	15	PYK 4 I	**307 319**	15	PYK 4 ILD	**307 329 24VDC**	15
PYK 4 SLD	**307 269 220VAC**	15				PYK 4 ILD	**307 339 220VAC**	15
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
UK 6/2	**476 242**	25	UK 6/2	**476 242**	25	UK 6/2	**476 242**	25
UK 6/3	**476 243**	20	UK 6/3	**476 243**	20	UK 6/3	**476 243**	20
UK 6/4	**476 244**	15	UK 6/4	**476 244**	15	UK 6/4	**476 244**	15
UK 6/10	**476 249**	5	UK 6/10	**476 249**	5	UK 6/10	**476 249**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2-6 mm² / 10 A			0.2-6 mm² / 10 A			0.2-6 mm² / 10 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A4			1 / A4			1 / A4		
IP 20 / -			IP 20 / -			IP 20 / -		

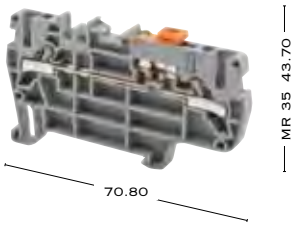
PYK Series

Practical Spring Clamp Disconnect Terminal Blocks and Accessories

PYK Series Practical Spring Clamp Terminals. Screwdriver is not necessary to install wire into the terminal block. Suitable for usage with or without ferrules. To make connection, push the cable into the terminal.

PYK 2.5 A

Width 5 mm
307 169
307 160



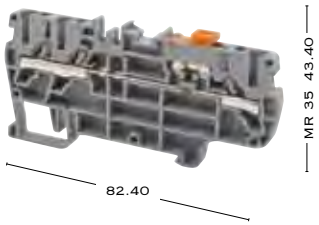
Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-3)		400 V ~ / 20 A / 2.5 mm²	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²	
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		10 mm / ...	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66 Grey		PYK 2.5 A	**307 169**	50
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Plate				
Thickness 1mm	Grey	NPP PYK 2.5 A	**446 509**	100
Polyamide 66				
Push-in Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	With symbol	IP 2 S	**498 130**	25
	Without symbol	IP 2	**498 140**	25
Group Marking				
GE	Grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2-4 mm² / 4 mm² - 20 A		
• Rated Impulse Voltage / Pollution severity		4 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PYK 2.5 EA

Width 5 mm

307 459

307 450

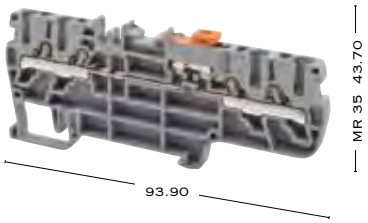


PYK 2.5 CCA

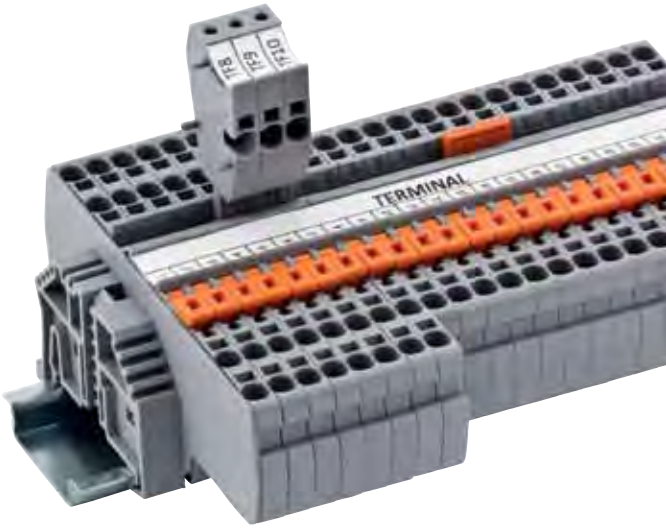
Width 5 mm

307 219

307 210



Voltage/Current/Cross-section			Voltage/Current/Cross-section		
400 V ~ / 16 A / 2.5 mm²			400 V ~ / 16 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
PYK 2.5 EA	**307 459**	60	PYK 2.5 CCA	**307 219**	60
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
NPP PYK 2.5 EA	**446 629**	100	NPP PYK 2.5 CCA	**446 549**	100
UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25
0.2-4 mm² / 4 mm² - 20 A			0.2-4 mm² / 4 mm² - 20 A		
4 kV / 3			4 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		



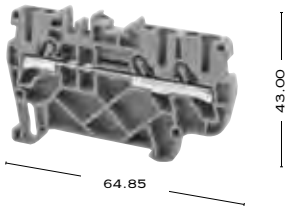
PYK Series

One Input-Two Output
Two Input-Two Output
Terminal Blocks
and Accessories

PYK Series Multi Input/ Output Terminals make wiring more practical, reducing the installation costs where double and multilevel terminals cannot be used in the panels.

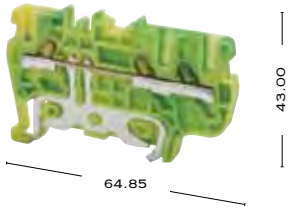
PYK 2.5 E

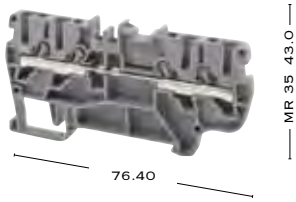
Width 5 mm
307 439
307 430

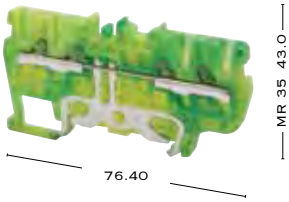


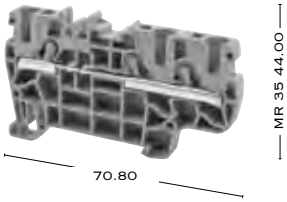
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-2)		800 V / 24 A / 2.5 mm²		
UL / CSA				
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
	Grey	PYK 2.5 E	**307 439**	50
	Yellow-Green			
Mounting Rails		Type	Part. No.	std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Plate				
Thickness 1.2mm	Grey	NPP PYK 2.5 E	**446 619**	10
Polyamide 66	Yellow-Green			
Push-in Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 2 S	**498 130**	25
	without symbol	IP 2	**498 140**	25
Group Marking				
GE	Grey	GE	**496 119**	50
GE2		GE 2	**496 250**	25
Technical Data				
• Max.clamping range / Max. technical data		0.2-4 mm² / 4 mm² / 32A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

PYK 2.5 ET	PYK 2.5 C	PYK 2.5 CT	PYK 4 E
Width 5 mm	Width 5 mm	Width 5 mm	Width 6 mm
336 550	307 389	336 540	307 229
	307 380		307 220









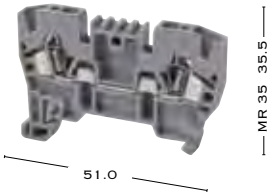
Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
... V / ... A / 2.5 mm²			800 V / 24 A / 2.5 mm²			- V / - A / 2.5 mm²			800 V ~ / 32 A / 4 mm²		
			600 V / 20 A / 12 AWG			- V / - A / 12 AWG			600 V ~ / 30 A / AWG 22-10		
									800 V ~ / 30 A		
0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 6 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²			22 - 10 / 0.5 - 4 mm²		
10 mm / ...			10 mm / ...			10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
			PYK 2.5 C	**307 389**	50				PYK 4 E	**307 229**	50
PYK 2.5 ET	**336 550**	50				PYK 2.5 CT	**336 540**	50			
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
			NPP PYK 2.5 C	**446 499**	10				NPP 4 E	**446 559**	50
NPP PYK 2.5 ET	**446 612 T**	10				NPP PYK 2.5 CT	**446 492 T**	10			
			UK 2.5/2	**476 222**	25				UK 4/2	**476 232**	25
			UK 2.5/3	**476 223**	20				UK 4/3	**476 233**	20
			UK 2.5/4	**476 224**	15				UK 4/4	**476 234**	15
			UK 2.5/10	**476 229**	5				UK 4/10	**476 239**	5
IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25	IP 2	**498 140**	25
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25	GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / -			0.2-4 mm² / 4 mm² / 32A			0.2 - 4 mm² / -			0.2 - 6 mm² / 41 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A3			1 / A3			1 / A4		
IP 20 / PE			IP 20 / -			IP 20 / PE			IP 20 / -		

YBK Series

Spring Clamp Terminal Blocks and Accessories

YBK 2.5

Width 5 mm
306 229



Spring clamp terminals provide a faster method of terminating wires as compared to screw clamp systems. Approved by UL, they are just as reliable in field applications.

The spring clamp is opened with a small screwdriver inserted to the side of the clamp next to the wire entry way. When the field wiring is in place, the screwdriver can be removed and a reliable, secure connection is maintained.

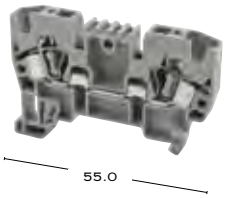
Colors	Terminals	End Plate
	Part Number	Part Number
	YBK 2.5	**NPP**
Beige	**306 220**	**446 320**
Blue	**306 221**	**446 321**
Green	**306 222**	**446 322**
Yellow	**306 223**	**446 323**
Red	**306 224**	**446 324**
Grey	**306 229**	**446 329**
	YBK 4	**NPP**
Beige	**306 230**	**446 330**
Blue	**306 231**	**446 331**
Green	**306 232**	**446 332**
Yellow	**306 233**	**446 333**
Red	**306 234**	**446 334**
Grey	**306 239**	**446 339**
	YBK 6	**NPP**
Beige	**306 240**	**446 340**
Blue	**306 241**	**446 341**
Green	**306 242**	**446 342**
Yellow	**306 243**	**446 343**
Red	**306 244**	**446 344**
Grey	**306 249**	**446 349**
	YBK 10	**NPP**
Beige	**306 250**	**446 350**
Blue	**306 251**	**446 351**
Green	**306 252**	**446 352**
Yellow	**306 253**	**446 353**
Red	**306 254**	**446 354**
Grey	**306 259**	**446 359**

Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		750 V ~ / 24 A / 2.5 mm²		
UL / CSA		600 V ~ / 20 A / AWG 22-12		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	Beige	YBK 2.5	**306 220**	100
	Grey	YBK 2.5	**306 229**	100
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
Steel slot dim.	Aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm, KD 3	Beige	KD 3	**495 040**	100
	Grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	Beige	NPP YBK 2.5	**446 320**	100
	Grey	NPP YBK 2.5	**446 329**	100
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	With symbol	IP 4 S	**498 160**	25
	Without symbol	IP 4	**498 170**	25
Group Marking				
GE	Beige	GE	**496 110**	50
	Grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 4

Width 6 mm

306 239

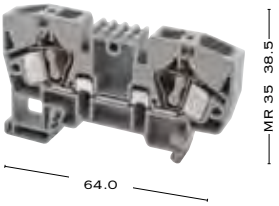


Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
600 V ~ / 26 A / AWG 22-10		
0.5 - 6 mm² / 0.5 - 4 mm²		
22 - 10 / 0.5 - 4 mm²		
12 mm / ...		
Type	Part. No.	Qty.
YBK 4	**306 230**	100
YBK 4	**306 239**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 4	**446 330**	100
NPP YBK 4	**446 339**	100
UK 4/2	**476 232**	25
UK 4/3	**476 233**	20
UK 4/4	**476 234**	15
UK 4/10	**476 239**	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 41 A		
8 kV / 3		
1 / A4		
IP 20 / -		

YBK 6

Width 8 mm

306 249

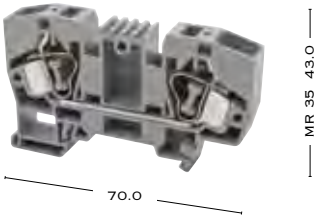


Voltage/Current/Cross-section		
750 V ~ / 41 A / 6 mm²		
600 V ~ / 35 A / AWG 22-8		
0.5 - 10 mm² / 0.5 - 6 mm²		
22 - 8 / 0.5 - 6 mm²		
12 mm / ...		
Type	Part. No.	Qty.
YBK 6	**306 240**	100
YBK 6	**306 249**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 6	**446 340**	100
NPP YBK 6	**446 349**	100
UK 6/2	**476 242**	25
UK 6/3	**476 243**	20
UK 6/4	**476 244**	15
UK 6/10	**476 249**	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 10 mm² / 10 mm² / 57 A		
8 kV / 3		
1 / A5		
IP 20 / -		

YBK 10

Width 10 mm

306 259



Voltage/Current/Cross-section		
750 V ~ / 57 A / 10 mm²		
600 V ~ / 55 A / AWG 22-6		
0.5 - 16 mm² / 0.5 - 10 mm²		
20 - 6 / 0.5 - 10 mm²		
13 mm / ...		
Type	Part. No.	Qty.
YBK 10	**306 250**	50
YBK 10	**306 259**	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 10	**446 350**	100
NPP YBK 10	**446 359**	100
UK 10/2	**476 252**	25
UK 10/3	**476 253**	20
UK 10/4	**476 254**	15
UK 10/10	**476 259**	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 16 mm² / 16 mm² / 76 A		
8 kV / 3		
1 / A6		
IP 20 / -		

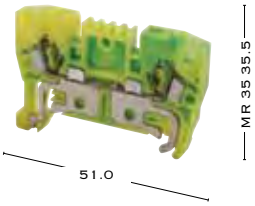
YBK Series

Spring Clamp Ground Terminal Blocks and Accessories

The YBK spring clamp ground terminal blocks electrically connect field wiring to the DIN rail via the metallic internal parts. When the DIN rail is connected to metallic cabinetry that is secured to earth, the proper grounding technique is completed.

YBK 2.5 T

Width 5 mm
336 220

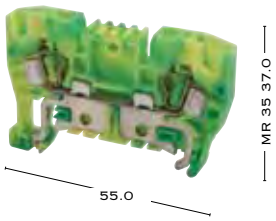


Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-2)		- V ~ / - A / 2.5 mm²		
UL / CSA		- V ~ / - A / AWG 22-12		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	Yellow-Green	YBK 2.5 T	**336 220**	50
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	Yellow-Green	NPP YBK 2.5 T	**446 322 T**	10
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / ...-...		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / PE		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 4 T

Width 6 mm

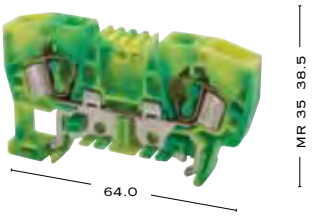
336 230



YBK 6 T

Width 8 mm

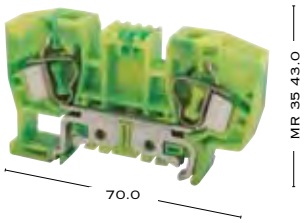
336 240



YBK 10 T

Width 10 mm

336 250



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / - A / 4 mm²			- V ~ / - A / 6 mm²			- V ~ / - A / 10 mm²		
- V ~ / - A / AWG 22-10			- V ~ / - A / AWG 22-8			- V ~ / - A / AWG 22-6		
0.5 - 6 mm² / 0.5 - 4 mm²			0.5 - 10 mm² / 0.5 - 6 mm²			0.5 - 16 mm² / 0.5 - 10 mm²		
22 - 10 / 0.5 - 4 mm²			22 - 8 / 0.5 - 6 mm²			20 - 6 / 0.5 - 10 mm²		
12 mm / ...			13 mm / ...			13 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK 4 T	**336 230**	50	YBK 6 T	**336 240**	100	YBK 10 T	**336 250**	50
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK 4 T	**446 332 T**	10	NPP YBK 6 T	**446 342 T**	10	NPP YBK 10 T	**446 352 T**	10
GE	**496 110**	50	GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
0.2 - 6 mm² / ...-...			0.2 - 10 mm² / ...-...			0.2 - 16 mm² / ...-...		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP 20 / PE			IP 20 / PE			IP 20 / PE		

MYK Series

Mini Spring Clamp Terminal Blocks for Use wth 15mm wide DIN Rail

Spring clamp terminals provide a faster method of terminating wires as compared to screw clamp systems. Approved by UL, they are just as reliable in field applications.

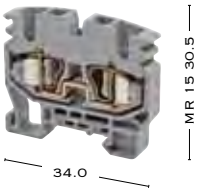
The spring clamp is opened with a small screwdriver inserted to the side of the clamp next to the wire entry way. When the field wiring is in place, the screwdriver can be removed and a reliable, secure connection is maintained.

MYK 2.5

Width 5 mm

306 429

306 420

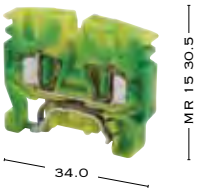


Electrical Ratings		Voltage/Current/Cross-section	
CE (EN 60947-7-1 / 60947-7-2 / 60998-2-2)		750 V ~ / 24 A / 2.5 mm²	
UL / CSA		600 V ~ / 20 A / AWG 22-12	
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²	
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²	
Insulation Stripping Length / Torque		10 mm / ...	
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	MYK 2.5	**306 429**	50
	yellow-green			
Mounting Rails		Type	Part. No.	Std. pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 5	**495 060**	100
KD 5	grey	KD 5	**495 069**	100
End Plate - Disconnect Plate				
Width 1.5 mm	grey	MYK NPP 1	**446 429**	100
Polyamide 66		MYK NPP 2	**446 439**	100
MYK NPP 1	yellow-green			
MYK NPP 2				
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

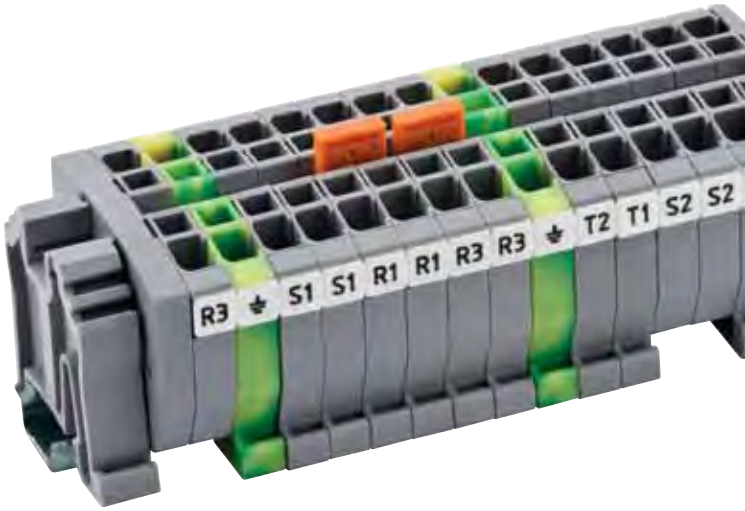
MYK 2.5 T

Width 5 mm

336 420



Voltage/Current/Cross-section		
- V ~ / - A / 2.5 mm²		
- V ~ / - A / AWG 22-12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
MYK 2.5 T	**336 420**	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 5	**495 060**	100
KD 5	**495 069**	100
NPP MYK 2.5 T	**446 332 T**	10
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 6 mm² / ...-...		
8 kV / 3		
1 / A3		
IP 20 / PE		



YBK Series

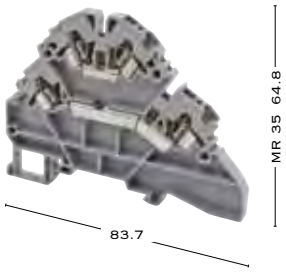
Double-Deck Spring Clamp Terminal Blocks and Accessories

Double-deck Spring clamp terminals provide a faster method of terminating wires as compared to screw clamp systems. Approved by UL, they are just as reliable in field applications.

The spring clamp is opened with a small screwdriver inserted to the side of the clamp next to the wire entry way. When the field wiring is in place, the screwdriver can be removed and a reliable, secure connection is maintained.

YBK 2.5-2 F

Width 5 mm
316 109
316 100



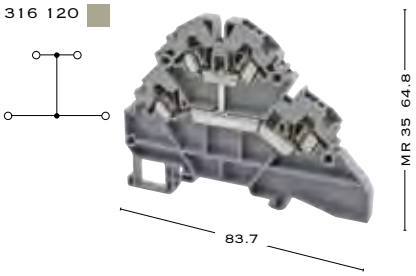
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		500 V ~ / 24 A / 2.5 mm²		
UL / CSA		600 V ~ / 20 A / AWG 22-12		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK 2.5-2 F	**316 109**	30
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK 2.5-2 F	**446 299**	10
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 2.5-2 FK

Width 6 mm

316 129

316 120



Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5-2 FK	**316 129**	30
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5-2 F	**446 299**	10
UK 2.5/2	**476 222***	25
UK 2.5/3	**476 223***	20
UK 2.5/4	**476 224***	15
UK 2.5/10	**476 229***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3		
1 / A3		
IP 20 / -		

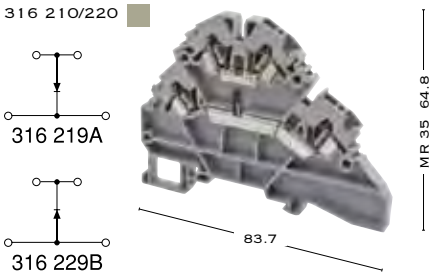
* only lower decks can be cross-connected

YBK 2.5-2 FD

Width 5 mm

316 219/229

316 210/220



Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5-2 FD-A	**316 219**	30
YBK 2.5-2 FD-B	**316 229**	30
Electrical	diode rev. volt.	1000V
Ratings	diode current	0.5 A
	diode	1 N 4007
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5-2 F	**446 299**	10
UK 2.5/2	**476 222***	25
UK 2.5/3	**476 223***	20
UK 2.5/4	**476 224***	15
UK 2.5/10	**476 229***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3		
1 / A3		
IP 20 / -		

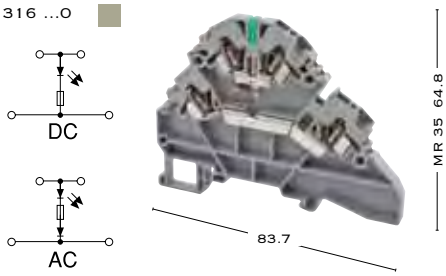
* only lower decks can be cross-connected

YBK 2.5-2 FLD

Width 5 mm

316 ...9

316 ...0



Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5-2 FLD	**316 319** (24vac)	30
YBK 2.5-2 FLD	**316 329** (24vdc)	30
YBK 2.5-2 FLD	**316 419** (48vac)	30
YBK 2.5-2 FLD	**316 429** (48vdc)	30
YBK 2.5-2 FLD	**316 619** (110vac)	30
YBK 2.5-2 FLD	**316 629** (110vdc)	30
YBK 2.5-2 FLD	**316 719** (220vac)	30
YBK 2.5-2 FLD	**316 729** (220vdc)	30
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5-2 F	**446 299**	10
UK 2.5/2	**476 222***	25
UK 2.5/3	**476 223***	20
UK 2.5/4	**476 224***	15
UK 2.5/10	**476 229***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3		
1 / A3		
IP 20 / -		

* only lower decks can be cross-connected

YBK Series

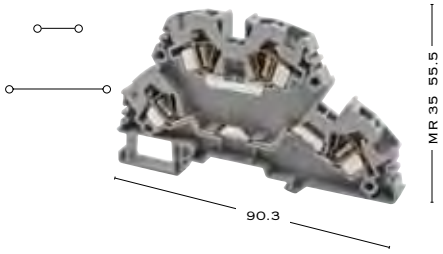
Double-Deck Spring Clamp Terminal Blocks and Accessories

Double-deck Spring clamp terminals provide a faster method of terminating wires as compared to screw clamp systems. Approved by UL, they are just as reliable in field applications.

The spring clamp is opened with a small screwdriver inserted to the side of the clamp next to the wire entry way. When the field wiring is in place, the screwdriver can be removed and a reliable, secure connection is maintained.

YBK 4-2 F

Width 5 mm
318 109
318 100



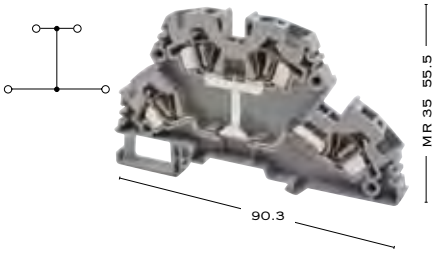
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		750 V ~ / 24 A / 4 mm²		
UL / CSA		600 V ~ / 26 A / AWG 22-10		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 6 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque		12 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK 4-2 F	**318 109**	50
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm	grey	NPP YBK 4-2 F	**446 269**	25
Polyamide 66				
Cross Connection				
		UK 4/2	**476 232**	25
		UK 4/3	**476 233**	20
		UK 4/4	**476 234**	15
		UK 4/10	**476 239**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 6 mm² / 6 mm² / 41 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A4		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 4-2 FK

Width 6 mm

318 129

318 120



Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
0.5 - 6 mm² / 0.5 - 4 mm²		
22 - 10 / 0.5 - 4 mm²		
12 mm / ...		
Type	Part. No.	Qty.
YBK 4-2 FK	**318 129**	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 4-2 F	**446 269**	25
UK 4/2	**476 232***	25
UK 4/3	**476 233***	20
UK 4/4	**476 234***	15
UK 4/10	**476 239***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 41 A		
8 kV / 3		
1 / A4		
IP 20 / -		

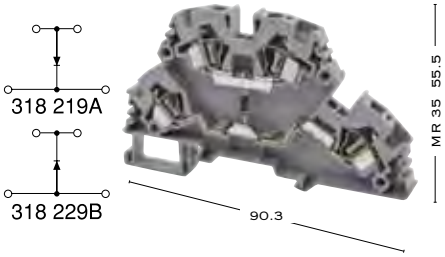
* only lower decks can be cross-connected

YBK 4-2 FD

Width 6 mm

318 219/229

318 210/220



Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm²		
0.5 - 6 mm² / 0.5 - 4 mm²		
22 - 10 / 0.5 - 4 mm²		
12 mm / ...		
Type	Part. No.	Qty.
YBK 4-2 FD-A	**318 219**	20
YBK 4-2 FD-B	**318 229**	20
Electrical	diode rev. volt.	1000V
Ratings	diode current	0.5 A
	diode	1 N 4007
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 4-2 F	**446 269**	25
UK 4/2	**476 232***	25
UK 4/3	**476 233***	20
UK 4/4	**476 234***	15
UK 4/10	**476 239***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 41 A		
8 kV / 3		
1 / A4		
IP 20 / -		

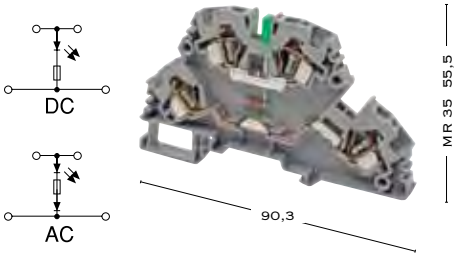
* only lower decks can be cross-connected

YBK 4-2 FLD

Width 6 mm

318 ...9

318 ...0



Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²		
0.5 - 6 mm² / 0.5 - 4 mm²		
22 - 10 / 0.5 - 4 mm²		
12 mm / ...		
Type	Part. No.	Qty.
YBK 4-2 FLD	**318 319** (24vac)	20
YBK 4-2 FLD	**318 329** (24vdc)	20
YBK 4-2 FLD	**318 419** (48vac)	20
YBK 4-2 FLD	**318 429** (48vdc)	20
YBK 4-2 FLD	**318 619** (110vac)	20
YBK 4-2 FLD	**318 629** (110vdc)	20
YBK 4-2 FLD	**318 719** (220vac)	20
YBK 4-2 FLD	**318 729** (220vdc)	20
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 4-2 F	**446 269**	25
UK 4/2	**476 232***	25
UK 4/3	**476 233***	20
UK 4/4	**476 234***	15
UK 4/10	**476 239***	5
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 41 A		
8 kV / 3		
1 / A4		
IP 20 / -		

* only lower decks can be cross-connected

YBK Series

Spring Clamp Multilevel Terminal Blocks and Accessories

Double-deck spring clamp terminals provide a faster method of terminating wires as compared to screw clamp systems. Approved by UL, they are just as reliable in field applications.

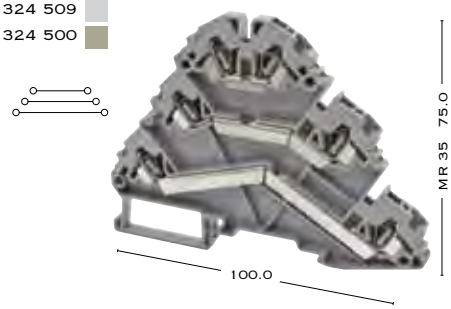
The spring clamp is opened with a small screwdriver inserted to the side of the clamp next to the wire entry way. When the field wiring is in place, the screwdriver can be removed and a reliable, secure connection is maintained.

YBK 2.5-3 F

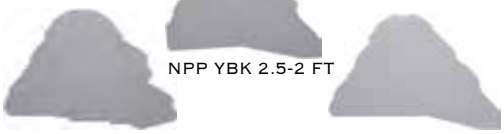
Width 5 mm

324 509

324 500



Electrical Ratings	Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-2)	500 V ~ / 24 A / 2.5 mm²		
UL / CSA	600 V ~ / 20 A / AWG 22-12		
Connection Data			
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque	10 mm / ...		
Ordering Data	Type	Part. No.	Qty.
Polyamide 66 grey	YBK 2.5-3 F	**324 509**	30
Mounting Rails	Type	Part. No.	Std. pk.
TS 35x7.5 solid / TS 35x15 solid	slotted		
TS 35x7.5 slotted / TS 35x15 slotted	35x7.5	**TS3575SL**	2m
	35x7.5	**TS3575SL1**	1m
	35x7.5	**TS3575SL1-A**	1m
	35x15	**TS3515SL**	2m
steel slot dim. / aluminum slot dim.	solid		
25mm on 36mm center / 13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width / 5mm slot width	35x15	**TS3515SOL**	2m
End Bracket			
Thickness 8mm KD 3 beige	KD 3	**495 040**	100
Thickness 8mm KD 3 grey	KD 3	**495 049**	100
End Plate - Disconnect Plate			
Width 1.5 mm - Polyamide 66 grey	NPP YBK 2.5-3 F	**446 249**	10
Cross Connection			
	UK 2.5/2	**476 222**	25
	UK 2.5/3	**476 223**	20
	UK 2.5/4	**476 224**	15
	UK 2.5/10	**476 229**	5
Warning Label			
IP with symbol	IP 4 S	**498 160**	25
IP without symbol	IP 4	**498 170**	25
Group Marking			
GE beige	GE	**496 110**	50
GE grey	GE	**496 119**	50
Technical Data			
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity	6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3		
• Protection class / Protection conductor type	IP 20 / -		
Marking Tags			
See pages 104 & 105 for further detail			

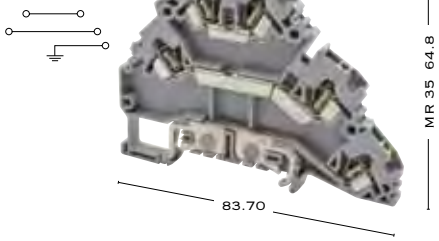


YBK 2.5-2 FT

Width 5 mm

324 809

324 800

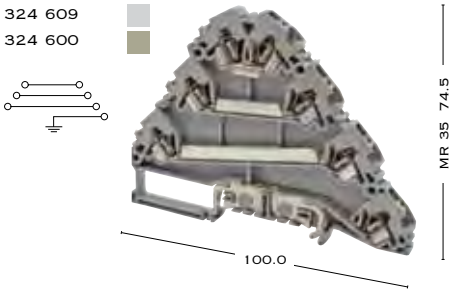


YBK 2.5-3 FT

Width 5 mm

324 609

324 600



Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm²			500 V ~ / 24 A / 2.5 mm²		
600 V ~ / 20 A / AWG 22-12			600 V ~ / 20 A / AWG 22-12		
0.5 - 4 mm² / 0.5 - 2.5 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK 2.5-2 FT	**324 809**	30	YBK 2.5-3 FT	**324 609**	30
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK 2.5-2 T	**446 299**	10	NPP YBK 2.5-3 FT	**446 259**	10
UK 2.5/2	**476 222**	25			
UK 2.5/3	**476 223**	20			
UK 2.5/4	**476 224**	15			
UK 2.5/10	**476 229**	5			
IP 4 S	**498 160**	25	IP 4 S	**498 160**	25
IP 4	**498 170**	25	IP 4	**498 170**	25
GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 4 mm² / 4 mm² / 32 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / PEN		

YBK Series

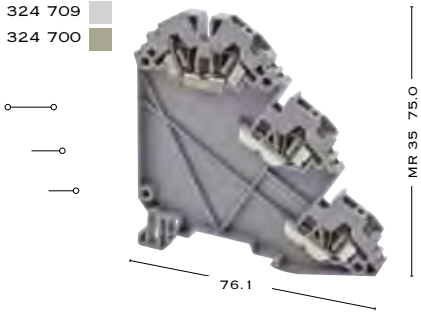
Spring Clamp Terminal Blocks and Accessories For Sensor Applications

YBK 3 S

Width 5 mm

324 709

324 700



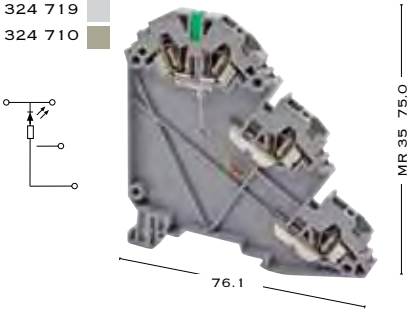
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1)		500 V ~ / 24 A / 2.5 mm²		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK 3 S	**324 709**	20
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK 3 S	**446 289**	10
Cross Connection				
		UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 3 SLD (NPN)

Width 5 mm

324 719

324 710

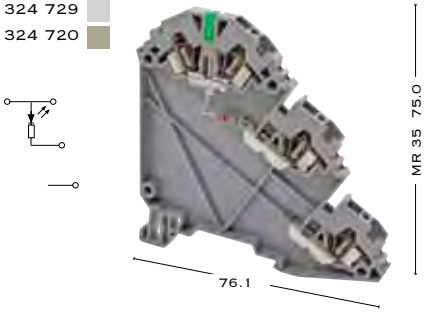


YBK 3 SLD (PNP)

Width 5 mm

324 729

324 720



Voltage/Current/Cross-section			Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²			- V ~ / 24 A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK 3 SLD	**324 719**	20	YBK 3 SLD (24VDC)	**324 729**	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK 3 S	**446 289**	10	NPP YBK 3 S	**446 289**	10
UK 2.5/2	**476 222***	25	UK 2.5/2	**476 222***	25
UK 2.5/3	**476 223***	20	UK 2.5/3	**476 223***	20
UK 2.5/4	**476 224***	15	UK 2.5/4	**476 224***	15
UK 2.5/10	**476 229***	5	UK 2.5/10	**476 229***	5
IP 4 S	**498 160**	25	IP 4 S	**498 160**	25
IP 4	**498 170**	25	IP 4	**498 170**	25
GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 4 mm² / 4 mm² / 32 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		

* only lower decks can be cross-connected

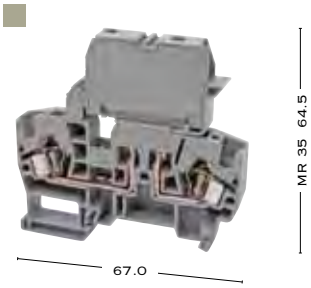
* only lower decks can be cross-connected

YBK Series

Spring Clamp Fuse and Disconnect Terminal Blocks and Accessories for 5x20mm, 5x25mm Fuses

YBK S

Width 8 mm
355 119
355 110



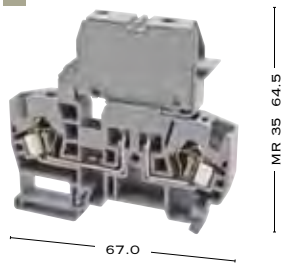
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-3)		500 V ~ / 10 A / 4 mm²		
UL / CSA		600 V ~ / 10 A / AWG 22-10		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 6 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque		12 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK S	**355 119**	20
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK S - YBK 1	**450 069**	10
NPP YBK S - YBK 1 / NPP YBK 2.5 A				
Cross Connection				
		UK 6/2	**476 242**	25
		UK 6/3	**476 243**	20
		UK 6/4	**476 244**	15
		UK 6/10	**476 249**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 6 mm² / 6 mm² / 10 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A4		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK SB

Width 8 mm

363 109

363 100

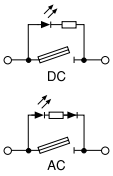


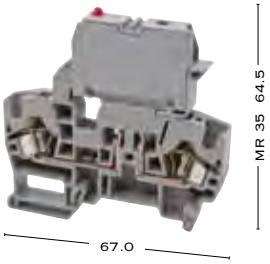
YBK SLD

Width 8 mm

355 ...9

316 ...0



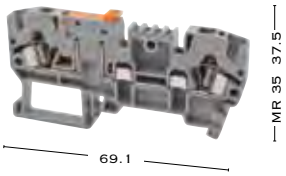


YBK 2.5 A

Width 5 mm

353 209

353 200



Voltage/Current/Cross-section			Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm²			- V ~ / 10 A / 4 mm²			750 V ~ / 16 A / 2.5 mm²		
						600 V ~ / 10 A / AWG 22-12		
0.5 - 6 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 4 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 10 / 0.5 - 4 mm²			22 - 10 / 0.5 - 4 mm²			22 - 12 / 0.5 - 2.5 mm²		
12 mm / ...			12 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK SB	**363 109**	20	YBK SLD	**355 719** (24vac)	20	YBK 2.5 A	**353 209**	50
			YBK SLD	**355 729** (24vdc)	20			
			YBK SLD	**355 739** (48vac)	20			
			YBK SLD	**355 749** (48vdc)	20			
			YBK SLD	**355 759** (110vac)	20			
			YBK SLD	**355 769** (110vdc)	20			
			YBK SLD	**355 779** (220vac)	20			
			YBK SLD	**355 789** (220vdc)	20			
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK S - YBK 1	**450 069**	10	NPP YBK S - YBK 1	**450 069**	10	NPP YBK 2.5 A	**450 219**	10
UK 6/2	**476 242**	25	UK 6/2	**476 242**	25	UK 2.5/2	**476 222**	25
UK 6/3	**476 243**	20	UK 6/3	**476 243**	20	UK 2.5/3	**476 223**	20
UK 6/4	**476 244**	15	UK 6/4	**476 244**	15	UK 2.5/4	**476 224**	15
UK 6/10	**476 249**	5	UK 6/10	**476 249**	5	UK 2.5/10	**476 229**	5
IP 4 S	**498 160**	25	IP 4 S	**498 160**	25	IP 4 S	**498 160**	25
IP 4	**498 170**	25	IP 4	**498 170**	25	IP 4	**498 170**	25
GE	**496 110**	50	GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50	GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 10 A			0.2 - 6 mm² / 6 mm² / 10 A			0.2 - 4 mm² / 4 mm² / 16 A		
6 kV / 3			6 kV / 3			8 kV / 3		
1 / A4			1 / A4			1 / A3		
IP 20 / -			IP 20 / -			IP 20 / -		

YBK Series

Spring Clamp Fuse and Disconnect Terminal Blocks and Accessories for 11/4"x1/4" Fuses

YBK I

Width 8 mm
355 129
355 120

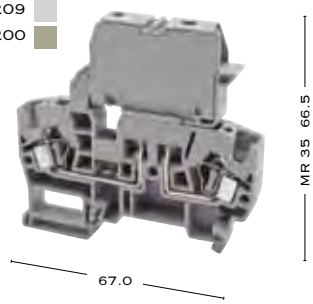
Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-3)		500 V ~ / 10 A / 4 mm²		
UL / CSA		600 V ~ / 10 A / AWG 22-10		
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 6 mm² / 0.5 - 4 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque		12 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK I	**355 129**	20
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK S - YBK 1	**450 069**	10
NPP YBK S - YBK 1				
Cross Connection				
		UK 6/2	**476 242**	25
		UK 6/3	**476 243**	20
		UK 6/4	**476 244**	15
		UK 6/10	**476 249**	5
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 6 mm² / 6 mm² / 10 A		
• Rated Impulse Voltage / Pollution severity		6 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A4		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK IB

Width 8 mm

363 209

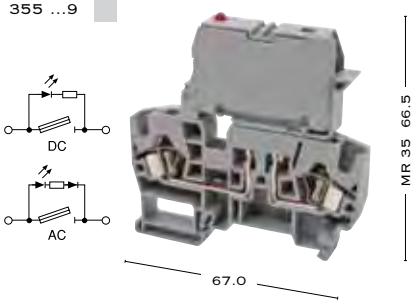
363 200



YBK ILD

Width 8 mm

355 ...9



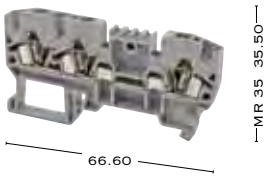
Voltage/Current/Cross-section			Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm²			- V ~ / 10 A / 4 mm²		
0.5 - 6 mm² / 0.5 - 4 mm²			0.5 - 6 mm² / 0.5 - 4 mm²		
22 - 10 / 0.5 - 4 mm²			22 - 10 / 0.5 - 4 mm²		
12 mm / ...			12 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK IB	**363 209**	20	YBK ILD	**355 819** (24vac)	20
			YBK ILD	**355 829** (24vdc)	20
			YBK ILD	**355 839** (48vac)	20
			YBK ILD	**355 849** (48vdc)	20
			YBK ILD	**355 859** (110vac)	20
			YBK ILD	**355 869** (110vdc)	20
			YBK ILD	**355 879** (220vac)	20
			YBK ILD	**355 889** (220vdc)	20
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK S - YBK 1	**450 069**	10	NPP YBK S - YBK 1	**450 069**	10
UK 6/2	**476 242**	25	UK 6/2	**476 242**	25
UK 6/3	**476 243**	20	UK 6/3	**476 243**	20
UK 6/4	**476 244**	15	UK 6/4	**476 244**	15
UK 6/10	**476 249**	5	UK 6/10	**476 249**	5
IP 4 S	**498 160**	25	IP 4 S	**498 160**	25
IP 4	**498 170**	25	IP 4	**498 170**	25
GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50
0.2 - 6 mm² / 6 mm² / 10 A			0.2 - 6 mm² / 6 mm² / 10 A		
6 kV / 3			6 kV / 3		
1 / A4			1 / A4		
IP 20 / -			IP 20 / -		

YBK Series

One Input - Two Output
Two Input - Two Output
Spring Clamp Terminal
Blocks and Accessories

YBK 2.5 E

Width 5 mm
326 059
326 050



Electrical Ratings	Voltage/Current/Cross-section
CE (EN 60947-7-1)	750 V ~ / 24 A / 2.5 mm²
UL / CSA	600 V ~ / 20 A / AWG 22-12
Connection Data	
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 4 mm² / 0.5 - 2.5 mm²
AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm²
Insulation Stripping Length / Torque	10 mm / ...

Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK 2.5 E	**326 059**	50

Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m

End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100

End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK 2.5 E	**446 219**	10

NPP YBK 2,5 E NPP YBK 2,5 C

Cross Connection			
	UK 2.5/2	**476 222**	25
	UK 2.5/3	**476 223**	20
	UK 2.5/4	**476 224**	15
	UK 2.5/10	**476 229**	5

Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25

Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50

Technical Data	
• Max.clamping range / Max. technical data	0.2 - 4 mm² / 4 mm² / 32 A
• Rated Impulse Voltage / Pollution severity	8 kV / 3
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Protection class / Protection conductor type	IP 20 / -

Marking Tags

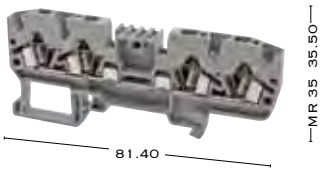
See pages 104 & 105 for further detail

YBK 2.5 C

Width 5 mm

326 109

326 100

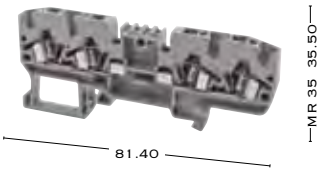


YBK 2.5 CX2

Width 5 mm

326 209

326 200



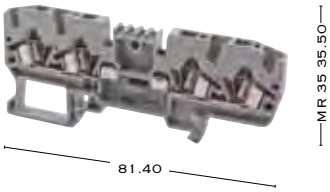
Voltage/Current/Cross-section			Voltage/Current/Cross-section		
750 V ~ / 24 A / 2.5 mm²			750 V ~ / 24 A / 2.5 mm²		
600 V ~ / 20 A / AWG 22-12					
0.5 - 4 mm² / 0.5 - 2.5 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...			10 mm / ...		
Type	Part. No.	Qty.	Type	Part. No.	Qty.
YBK 2.5 C	**326 109**	30	YBK 2.5 CX2	**326 209**	50
Type	Part. No.	std. pk.	Type	Part. No.	std. pk.
slotted			slotted		
35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
solid			solid		
35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
KD 3	**495 040**	100	KD 3	**495 040**	100
KD 3	**495 049**	100	KD 3	**495 049**	100
NPP YBK 2.5 C	**446 279**	10	NPP YBK 2.5 C	**446 279**	10
UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5
IP 4 S	**498 160**	25	IP 4 S	**498 160**	25
IP 4	**498 170**	25	IP 4	**498 170**	25
GE	**496 110**	50	GE	**496 110**	50
GE	**496 119**	50	GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A			0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP 20 / -			IP 20 / -		

YBK Series

Two Input - Two Output Spring Clamp Terminal Blocks and Accessories

YBK 2.5 CD

Width 5 mm
326 219
326 210



Electrical Ratings		Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-3)		750 V ~ / 24 A / 2.5 mm²		
UL / CSA				
Connection Data				
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm / ...		
Ordering Data		Type	Part. No.	Qty.
Polyamide 66	grey	YBK 2.5 CD	**326 219**	50
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	grey			
	yellow-green			
Mounting Rails		Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m
steel slot dim.	aluminum slot dim.	solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m
End Bracket				
Thickness 8mm	beige	KD 3	**495 040**	100
KD 3	grey	KD 3	**495 049**	100
End Plate - Disconnect Plate				
Width 1.5 mm - Polyamide 66	grey	NPP YBK 2.5 C	**446 279**	10
	yellow-green			
NPP YBK 2,5 E / NPP YBK 2,5 C				
Electrical Rating				
Diode Reverse Voltage		1000V		
Diode Current		1 A		
Diode		1 N 40007		
Warning Label				
IP	with symbol	IP 4 S	**498 160**	25
	without symbol	IP 4	**498 170**	25
Group Marking				
GE	beige	GE	**496 110**	50
	grey	GE	**496 119**	50
Technical Data				
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity		8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Protection class / Protection conductor type		IP 20 / -		
Marking Tags				
See pages 104 & 105 for further detail				

YBK 2.5 CLD

Width 5 mm

326 ...9

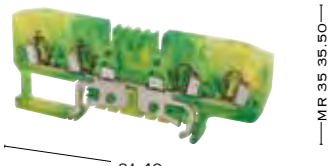
326 ...0

Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm²		
600 V ~ / 20 A / AWG 22-12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5 CLD	**326 319** (24vac)	50
YBK 2.5 CLD	**326 419** (48vac)	50
YBK 2.5 CLD	**326 619** (110vac)	50
YBK 2.5 CLD	**326 719** (220vac)	50
YBK 2.5 CLD	**326 329** (24vdc)	50
YBK 2.5 CLD	**326 429** (48vdc)	50
YBK 2.5 CLD	**326 629** (110vdc)	50
YBK 2.5 CLD	**326 729** (220vdc)	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5 C	**446 279**	10
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3		
1 / A3		
IP 20 / -		

YBK 2.5 CT

Width 5 mm

336 100

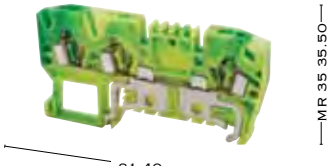


Voltage/Current/Cross-section		
- V ~ / - A / 2.5 mm²		
- V ~ / - A / AWG 22-12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5 CT	**336 100**	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5 CT	**446 272 T**	10
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / 4 mm² / 32 A		
8 kV / 3		
1 / A3		
IP 20 / PE		

YBK 2.5 ET

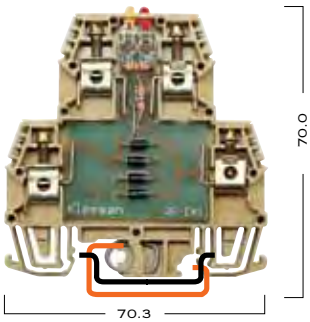
Width 5 mm

336 110



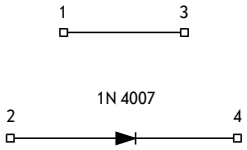
Voltage/Current/Cross-section		
- V ~ / - A / 2.5 mm²		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm / ...		
Type	Part. No.	Qty.
YBK 2.5 ET	**336 110**	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 040**	100
KD 3	**495 049**	100
NPP YBK 2.5 E	**446 212**	10
IP 4 S	**498 160**	25
IP 4	**498 170**	25
GE	**496 110**	50
GE	**496 119**	50
0.2 - 4 mm² / ...		
8 kV / 3		
1 / A3		
IP 20 / PE		

Double Level Electronic Terminal Blocks and Accessories



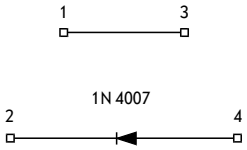
Electrical Ratings	Voltage/Current/Cross-section			
Terminal Current	10 A			
Diode Voltage	1000 V			
Diode Current	1 A			
Connection Data				
Solid Strand, Screw Connection	0.5 - 6 mm²			
Fine Strand, Screw Connection	0.5 - 2.5 mm²			
AWG Conductor	AWG 22 - 12			
Terminal Width	7.5 mm			
Insulation Stripping Length	7 mm			
Ordering Data	Type	Sch.Cir.Dia.	Input Volt.	Part. No.
Polyamide 66	WG-EKI	1		**110 010**
	WG-EKI	2		**110 020**
	WG-EKI	3		**110 030**
	WG-EKI	4		**110 040**
	WG-EKI	5		**110 050**
	WG-EKI	6		**110 060**
	WG-EKI	7		**110 070**
	WG-EKI	8		**110 080**
	WG-EKI	9		**110 090**
	WG-EKI	10		**110 100**
	WG-EKI	11		**110 110**
	WG-EKI	12	24V	**110 120**
	WG-EKI	13	24V	**110 130**
	WG-EKI	14	24VDC	**110 140**
	WG-EKI	14	110VDC	**110 150**
	WG-EKI	14	220VDC	**110 160**
	WG-EKI	15	24VDC	**110 170**
	WG-EKI	15	110VDC	**110 180**
	WG-EKI	15	220VDC	**110 190**
	WG-EKI	16	24VDC	**110 200**
	WG-EKI	17	24VDC	**110 210**
	WG-EKI	18	30V	**110 220**
	WG-EKI	18	60V	**110 230**
	WG-EKI	18	75V	**110 240**
	WG-EKI	18	130V	**110 250**
	WG-EKI	18	275V	**110 260**
	WG-EKI	19	24VAC	**110 270**
	WG-EKI	19	48VAC	**110 280**
	WG-EKI	19	110VAC	**110 290**
	WG-EKI	19	220VAC	**110 300**
	WG-EKI	20	24VAC	**110 310**
	WG-EKI	20	110VAC	**110 320**
	WG-EKI	20	220VAC	**110 330**
	WG-EKI	21	DC	**110 340**
	WG-EKI	22	24VDC	**110 350**
	WG-EKI	22	48VDC	**110 360**
	WG-EKI	22	60VDC	**110 370**
	WG-EKI	23	-	**110 380**
	WG-EKI	24	-	**110 390**
End Plate	Type		Width	Part. No.
	NPP-EKI		1.2 mm	**111 010**
Marking Tags				
See pages 104 & 105 for further detail				

1



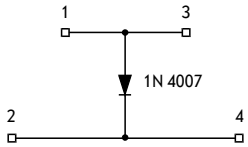
Reverse Current Protection

2



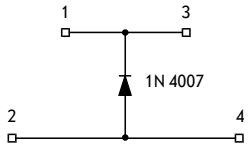
Reverse Current Protection

3



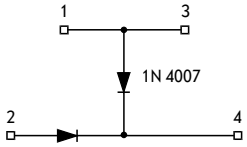
Block of Extra Current Generated by Coils

4



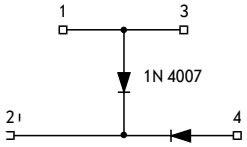
Block of Extra Current Generated by Coils

5



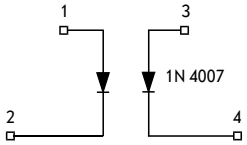
Lamp / Test Circuit

6



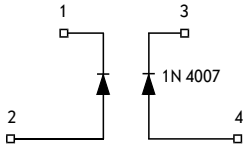
Lamp / Test Circuit

7



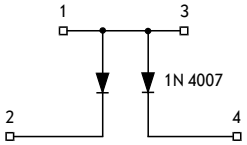
Reverse Current Protection

8



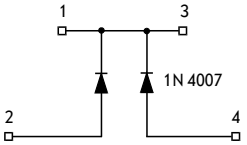
Reverse Current Protection

9



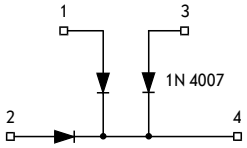
Lamp / Test Circuit

10



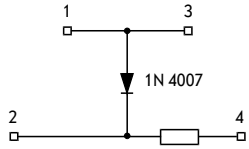
Lamp / Test Circuit

11



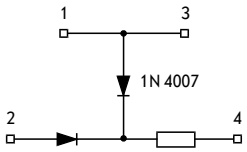
Lamp / Test Circuit

12



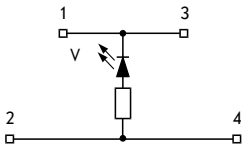
Lamp - LED / Test Circuit

13



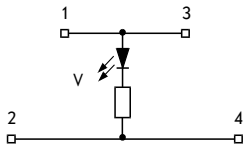
Lamp - LED / Test Circuit

14



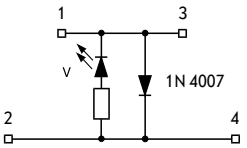
Voltage Indicator

15



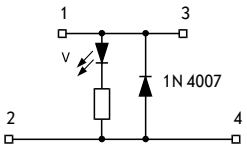
Voltage Indicator

16



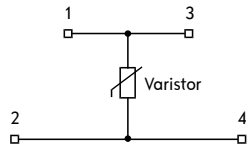
Voltage Indicator + Reverse Current Quenching

17



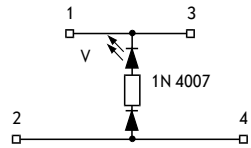
Voltage Indicator + Reverse Current Quenching

18



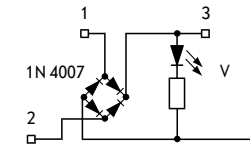
Overvoltage Protection

19



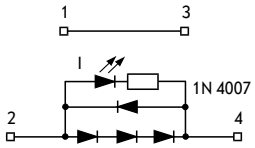
Voltage Indicator

20



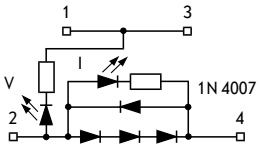
Voltage Indicator + Rectifier

21



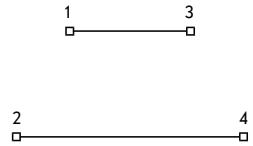
Current Indicator

22



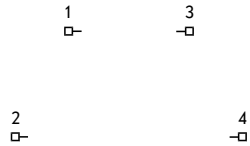
Direct Current and Voltage Indicator

23



Terminal with Cross Connection

24

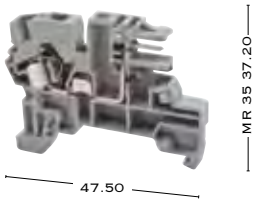


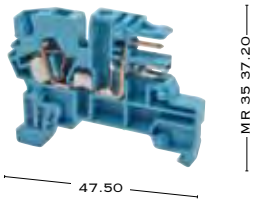
With a printed Circuit Card Only

PCY Series

PVY Type Terminal Blocks for PCB Connections and Accessories

	PCY 2.5	PCY 2.5 N
	Width 5.05 mm	Width 5.05 mm
	364 019	364 080
	364 010	





CE c UL us

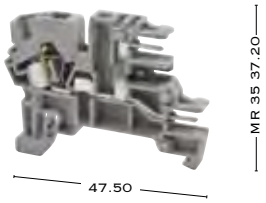
		PCY 2.5			PCY 2.5 N		
Electrical Ratings		Voltage/Current/Cross-section			Voltage/Current/Cross-section		
CE (EN 60947-7-1)		250 V ~ / 10 A / 2.5 mm²			250 V ~ / 10 A / 2.5 mm²		
UL / CSA		300 V ~ / 10 A / AWG 22 - 12			300 V ~ / 10 A / AWG 22 - 12		
Connection Data							
Solid Strand, Screw Con. - Fine Strand, Screw Con.		0.5 - 4 mm² / 0.5 - 2.5 mm²			0.5 - 4 mm² / 0.5 - 2.5 mm²		
AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm²			22 - 12 / 0.5 - 2.5 mm²		
Insulation Stripping Length / Torque		10 mm /			10 mm /		
Ordering Data		Type	Part. No.	Qty.	Type	Part. No.	Qty.
Polyamide 66	Grey	PCY 2.5	**364 019**	100			
	Grey						
	Grey						
	Blue				PCY 2.5 N	**364 080**	100
Mounting Rails		Type	Part. No.	Std. Pk.	Type	Part. No.	Std. Pk.
TS 35x7.5 solid	TS 35x15 solid	slotted			slotted		
TS 35x7.5 slotted	TS 35x15 slotted	35x7.5	**TS3575SL**	2m	35x7.5	**TS3575SL**	2m
		35x7.5	**TS3575SL1**	1m	35x7.5	**TS3575SL1**	1m
		35x7.5	**TS3575SL1-A**	1m	35x7.5	**TS3575SL1-A**	1m
		35x15	**TS3515SL**	2m	35x15	**TS3515SL**	2m
Steel slot dim.	Aluminum slot dim.	solid			solid		
25mm on 36mm center	13mm on 26mm center	35x7.5	**TS3575SOL**	2m	35x7.5	**TS3575SOL**	2m
5.2mm slot width	5mm slot width	35x15	**TS3515SOL**	2m	35x15	**TS3515SOL**	2m
End Bracket							
Thickness 8mm KD 3	Grey	KD 3	**495 049**	100	KD 3	**495 049**	100
End Plate							
Width 1.5 mm - Polyamide 66	Grey	NPP PCY	**450 199**	100			
	Blue				NPP PCY	**450 191**	100
Cross Connection							
		UK 2.5/2	**476 222**	25	UK 2.5/2	**476 222**	25
		UK 2.5/3	**476 223**	20	UK 2.5/3	**476 223**	20
		UK 2.5/4	**476 224**	15	UK 2.5/4	**476 224**	15
		UK 2.5/10	**476 229**	5	UK 2.5/10	**476 229**	5
Test Plug-Soc. / Ins. Test Soc.							
TF ITK T5K		TF (Ø2)	**493 020**	5	TF (Ø2)	**493 020**	5
Warning Label							
IP	With symbol	IP 2 S	**498 130**	25	IP 2 S	**498 130**	25
	Without symbol	IP 2	**498 140**	25	IP 2	**498 140**	25
Group Marking							
GE GE2	Grey	GE	**496 119**	50	GE	**496 119**	50
		GE 2	**496 250**	25	GE 2	**496 250**	25
Technical Data							
• Max.clamping range / Max. technical data		0.2 - 4 mm² / 4 mm² / 10 A			0.2 - 4 mm² / 4 mm² / 10 A		
• Rated Impulse Voltage / Pollution severity		4 kV / 3			4 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3			1 / A3		
• Protection class / Protection conductor type		IP 20 / -			IP 20 / -		
Marking Tags							
See pages 104 & 105 for further detail							

PCY 2.5 E

Width 5.05 mm

364 059

364 050



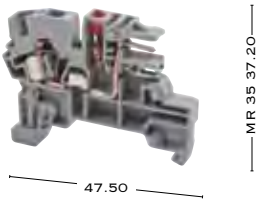
Voltage/Current/Cross-section		
250 V ~ / 10 A / 2.5 mm²		
300 V ~ / 10 A / AWG 22 - 12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm /		
Type	Part. No.	Qty.
PCY 2.5 E	**364 059**	100
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PCY	**450 199**	100
UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 10 A		
4 kV / 3		
1 / A3		
IP 20 / -		

PCY 2.5 L

Width 5.05 mm

... ..9

... ..0



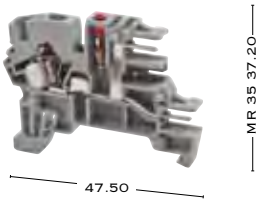
Voltage/Current/Cross-section		
- V ~ / 10 A / 2.5 mm²		
- V ~ / 10 A / AWG 22 - 12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm /		
Type	Part. No.	Qty.
PCY 2.5 L	**364 029** (24vdc)	50
PCY 2.5 L	**364 039** (110vac)	50
PCY 2.5 L	**364 049** (220vac)	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PCY	**450 199**	100
UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 10 A		
4 kV / 3		
1 / A3		
IP 20 / -		

PCY 2.5 EL

Width 5.05 mm

... ..9

... ..0



Voltage/Current/Cross-section		
- V ~ / 10 A / 2.5 mm²		
- V ~ / 10 A / AWG 22 - 12		
0.5 - 4 mm² / 0.5 - 2.5 mm²		
22 - 12 / 0.5 - 2.5 mm²		
10 mm /		
Type	Part. No.	Qty.
PCY 2.5 EL	**364 069** (24vdc)	50
PCY 2.5 EL	**364 079** (110vac)	50
PCY 2.5 EL	**364 089** (220vac)	50
Type	Part. No.	std. pk.
slotted		
35x7.5	**TS3575SL**	2m
35x7.5	**TS3575SL1**	1m
35x7.5	**TS3575SL1-A**	1m
35x15	**TS3515SL**	2m
solid		
35x7.5	**TS3575SOL**	2m
35x15	**TS3515SOL**	2m
KD 3	**495 049**	100
NPP PCY	**450 199**	100
UK 2.5/2	**476 222**	25
UK 2.5/3	**476 223**	20
UK 2.5/4	**476 224**	15
UK 2.5/10	**476 229**	5
TF (Ø2.3)	**493 023**	5
TF (Ø4)	**493 040**	5
TSK 4 (Ø2.3)	**490 040**	5
TSK 7 (Ø4)	**490 070**	5
ITK 28 (Ø4)	**492 010**	5
IP 2 S	**498 130**	25
IP 2	**498 140**	25
GE	**496 119**	50
GE 2	**496 250**	25
0.2 - 4 mm² / 4 mm² / 10 A		
4 kV / 3		
1 / A3		
IP 20 / -		

TRV Series

Transformer Terminal Blocks and Accessories

	TRV 4			TRV 4 B		
	Width 7.5 mm 422 017			Width 7.5 mm 422 057		
	torque: 0.5 Nm			torque: 0.5 Nm		
Electrical Ratings	Voltage/Current/Cross-section			Voltage/Current/Cross-section		
CE (EN 60998-1 / 61558-1)	750 V ~ / 25 A / 4 mm²			750 V ~ / 25 A / 4 mm²		
UL / CSA	600 V ~ / 20 A / AWG 26 - 10			600 V ~ / 20 A / AWG 26 - 10		
Connection Data						
Solid Strand, Screw Con. - Fine Strand, Screw Con.	0.5 - 6 mm² / 0.5 - 6 mm²			0.5 - 6 mm² / 0.5 - 6 mm²		
AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm²			26 - 10 / 0.5 - 4 mm²		
Insulation Stripping Length / Torque	10 mm / 0.5 Nm			10 mm / 0.5 Nm		
Ordering Data	Type	Part. No.	Qty.	Type	Part. No.	Qty.
Polyamide 66 — orange	TRV 4	**422 017**	50	TRV 4 B	**422 057**	50
grey	TRV 4	**422 019**	50	TRV 4 B	**422 059**	50
beige	TRV 4	**422 010**	50	TRV 4 B	**422 050**	50
yellow-green						
Technical Data						
• Max.clamping range / Max. technical data	0.2 - 6 mm² / 6 mm² / 32 A			0.2 - 6 mm² / 6 mm² / 32 A		
• Rated Impulse Voltage / Pollution severity	8 kV / 3			8 kV / 3		
• Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4			1 / B4		
• Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags						
See pages 104 & 105 for further detail						

TRV series enables users to make electrical connections to LV transformers. While TRV 4 provides the connection with fast-on type terminals, TRV 4M realizes double terminal connection possible. Other members of this series give the opportunity of setting double connection to cables with 10 mm² cross section and fuse usage.

TRV 4 M	TRV 4 S	TRV 4 T	TRV 10
Width 15 mm	Width 12.5 mm	Width 12 mm	Width 22 mm
422 047	422 027	422 060	422 037
torque: 0.5 Nm	torque: 0.5 Nm	torque: 0.5 Nm	torque: 1.2 Nm
Voltage/Current/Cross-section	Voltage/Current/Cross-section	Voltage/Current/Cross-section	Voltage/Current/Cross-section
750 V ~ / 25 A / 4 mm²	500 V ~ / 10 A / 4 mm²	- V ~ / - A / 4 mm²	750 V ~ / 63 A / 10 mm²
600 V ~ / 20 A / AWG 26 - 10	300 V ~ / 10 A / AWG 26 - 10	- V ~ / - A / AWG 26 - 10	600 V ~ / 55 A / AWG 16 - 6
0.5 - 6 mm² / 0.5 - 6 mm²	0.5 - 6 mm² / 0.5 - 6 mm²	0.5 - 6 mm² / 0.5 - 6 mm²	1.5 - 25 mm² / 1.5 - 16 mm²
26 - 10 / 0.5 - 4 mm²	26 - 10 / 0.5 - 4 mm²	26 - 10 / 0.5 - 4 mm²	16 - 6 / 1.5 - 16 mm²
10 mm / 0.5 Nm	10 mm / 0.5 Nm	10 mm / 0.5 Nm	12 mm / 1.2 Nm
Type / Part. No. / Qty.	Type / Part. No. / Qty.	Type / Part. No. / Qty.	Type / Part. No. / Qty.
TRV 4 M **422 047** 50	TRV 4 S **422 027** 50		TRV 10 **422 037** 25
TRV 4 M **422 049** 50	TRV 4 S **422 029** 50		TRV 10 **422 039** 25
TRV 4 M **422 040** 50	TRV 4 S **422 020** 50		TRV 10 **422 030** 25
		TRV 4 T **422 027 T** 50	
0.2 - 6 mm² / 6 mm² / 32 A	0.2 - 6 mm² / 6 mm² / 32 A	0.2 - 6 mm² / 6 mm² / 32 A	1.5 - 25 mm² / 16 mm² / 63 A
8 kV / 3	8 kV / 3	8 kV / 3	8 kV / 3
1 / B4	1 / B4	1 / B4	1 / B6
IP 20 / -	IP 20 / -	IP 20 / PE	IP 20 / -

PSK Series

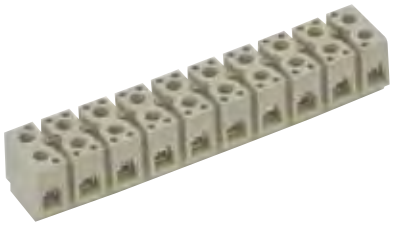
Terminal Strips

- The product in the figure is the new PSK 1/2 terminal strip.
- For allowing marking, label slots are designed according to DB 5 and DG 6/5 Marking Tags (Dekafix)
- Assembly of the terminal should be made with maximum 3 mm Width screw.

PSK 1/2

PSK 1

PSK 2



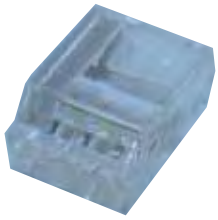
Electrical Ratings	Voltage / Current / Cross-Sec.			Voltage / Current / Cross-Sec.		
TSE (EN 60998-2-1)	380 V ~ / 24 A / 2.5 mm²			660 V ~ / 41 A / 6 mm²		
(IEC 60998-1, IEC 60998-2-1)						
Insulation Stripping Length	5 mm			9 mm		
Torque	0.5 Nm			0.8 Nm		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Push-in Type	PSK 1/2 (w/2)	**420 020**	100	PSK 2/2 (w/2)	**421 020**	100
	PSK 1/12 (w/12)	**420 120**	75	PSK 2/10 (w/10)	**421 100**	20

BUK Series

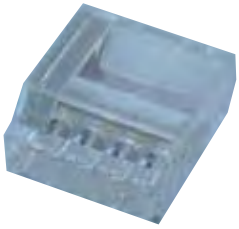
Junction Box Terminal Strips

- Suitable for 1.5 - 2.5 mm2 solid strand cables
- Cage clamp connection
- One-point test
- Disassembling by turning the cable left

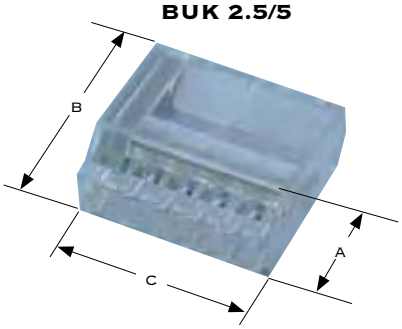
BUK 2.5/3



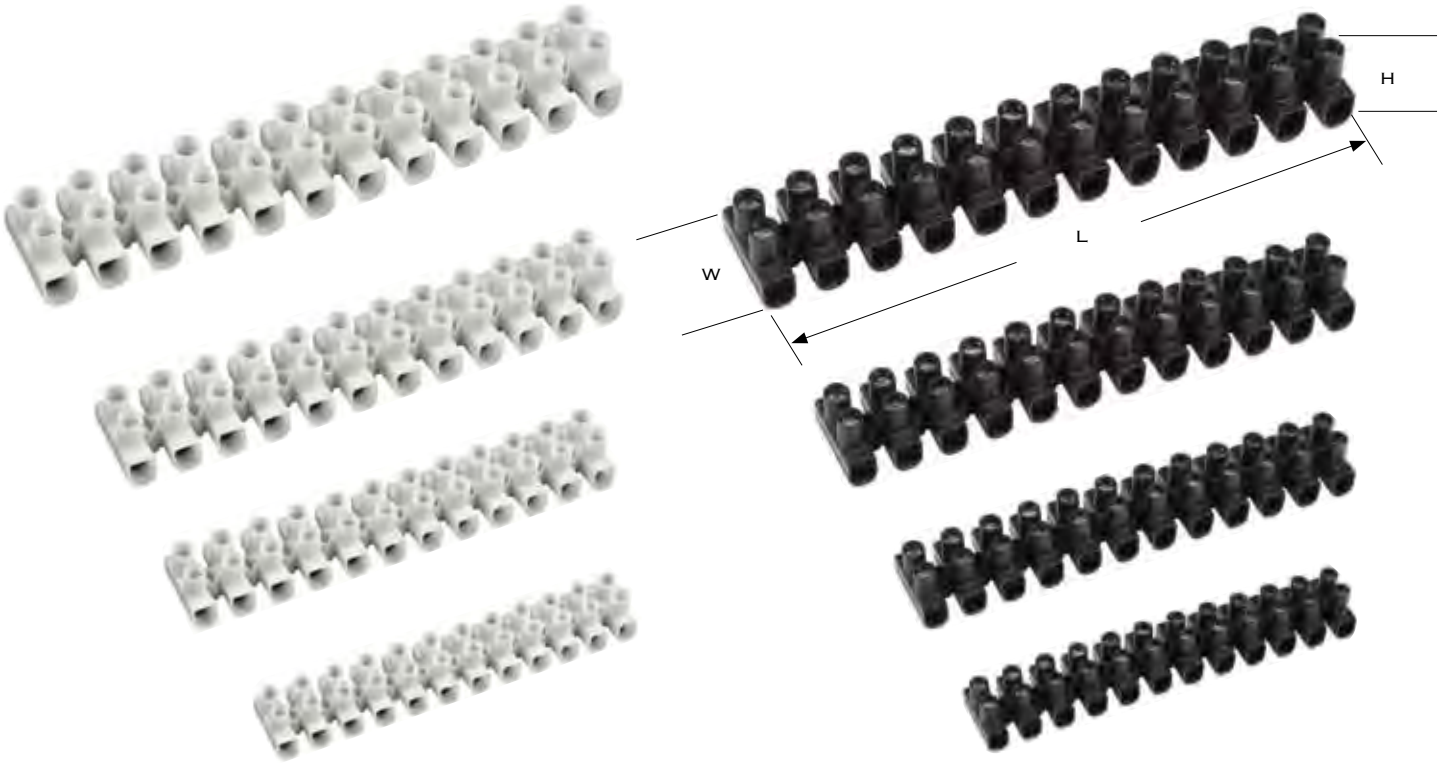
BUK 2.5/4



BUK 2.5/5

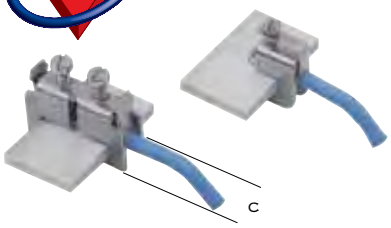


Electrical Ratings	Voltage / Current / Cross-Sec.			Voltage / Current / Cross-Sec.			Voltage / Current / Cross-Sec.		
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V ~ / 24 A / 2,5 mm²			450 V ~ / 24 A / 2,5 mm²			450 V ~ / 24 A / 2,5 mm²		
Connection Data									
Solid Strand	1.0 - 2.5 mm²			1.0 - 2.5 mm²			1.0 - 2.5 mm²		
Insulation Stripping Length	7 mm			7 mm			7 mm		
AWG Conductor	22 ... 12			22 ... 12			22 ... 12		
Dimensions									
A	9.4			9.4			9.4		
B	19.4			19.4			19.4		
C	13.8			17.6			21.1		
Ordering Data	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	BUK 2.5/3	**425 235**	100	BUK 2.5/4	**425 245**	100	BUK 2.5/5	**425 255**	100

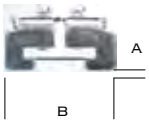


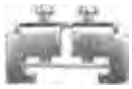
Electrical Ratings	Volt. / Current / Cross-Sec.			Volt. / Current / Cross-Sec.			Volt. / Current / Cross-Sec.			Volt. / Current / Cross-Sec.		
IEC 60998-1, IEC 60998-2 (VDE)	450 V ~ / 32 A / 2.5 mm²			450 V ~ / 41 A / 4 mm²			450 V ~ / 57 A / 6 mm²			450 V ~ / 32 A / 2.5 mm²		
UL	300 V ~ / 20 A / AWG 22 - 10			300 V ~ / 30 A / AWG 22 - 10			300 V ~ / 50 A / AWG 14 - 8			300 V ~ / 20 A / AWG 26 - 10		
Torque	0.4 Nm			0.5 Nm			0.8 Nm			0.4 Nm		
Connection Data												
Solid Strand, Screw Connection	0.75 - 4 mm²			0.75 - 6 mm²			1.5 - 6 mm²			4 - 16 mm²		
Fine Strand, Screw Connection	0.5 - 2.5 mm²			0.5 - 4 mm²			1.5 - 6 mm²			4 - 10 mm²		
Insulation Stripping Length / Torque	7 mm			8 mm			10 mm			10 mm		
AWG Conductor	22...12			22...10			14...82			10...6		
Ordering Data	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
Black (With Screw Blockage, Passivated)	SK 1	**430 002**	50	SK 2	**430 012**	50	SK 3	**430 022**	50	SK 4	**430 032**	50
Naturel (With Screw Blockage, Ni Coated)	SK 1	**431 002**	50	SK 2	**431 012**	50	SK 3	**431 022**	50	SK 4	**431 032**	50
Dimensions												
L	95			116			135			176		
W	16			19			22.5			25.3		
H	12.8			15			17.65			20.5		

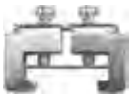
Clamping Yokes and Accessories



	BIK 1	BIK 2	BIK 3	BIK 4	BIK 5
	400 110	400 120	400 130	400 140	400 150



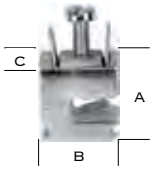




Electrical Ratings										
Cross-Section	1.5 - 6 mm²		6 - 35 mm²		6 - 35 mm²		6 - 35 mm²		6 - 35 mm²	
Busbars Used	25 x 3 mm		30 x 5 mm		40 x 5 mm		40 x 10 mm		30 x 10 mm	
Torque	1.5 Nm		1.5 Nm		1.5 Nm		1.5 Nm		1.5 Nm	
Ordering Data	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
	400 110	100	**400 120**	100	**400 130**	100	**400 140**	100	**400 150**	100
Connection Data										
Insulation Stripping Length	19 mm		21 mm		26 mm		26 mm		21 mm	
AWG Conductor	14 ... 8		8 ... 1		8 ... 1		8 ... 1		8 ... 1	
Dimensions										
A	21.8		25.7		26.5		32.0		28.5	
B	39.7		44.0		54.0		54.0		44.0	
C	10.5		13.0		13.0		13.0		13.0	

BIK and **SBK** type terminals are produced suitable for various busbar sizes. It is possible to transfer energy practically without drilling the busbars. SBK type is more advantageous than BIK type in sense of cable connection ability by connecting terminal on busbar optionally.

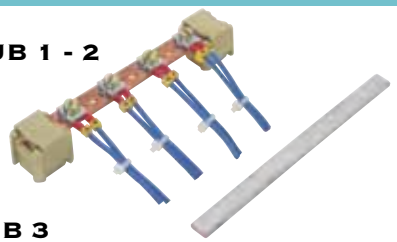
	SBK 16/5	SBK 16/10	SBK 35/5	SBK 35/10	SBK 50/5	SBK 50/10
	401 173	401 174	401 180	401 181	401 501	401 502



Electrical Ratings												
Cross-Section	1.5 - 16 mm²		1.5 - 16 mm²		16 - 35 mm²		16 - 35 mm²		25 - 50 mm²		25 - 50 mm²	
Busbars Used	.... x 5 mm		.... x 10 mm		.... x 5 mm		.... x 10 mm		.... x 5 mm		.... x 10 mm	
Torque	4 Nm		4 Nm		6 Nm		6 Nm		8 Nm		8 Nm	
Ordering Data	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
	401 173	100	**401 174**	100	**401 180**	25	**401 181**	25	**401 501**	25	**401 502**	25
Connection Data												
Ins. Stripping Length	22 mm		22 mm		30 mm		30 mm		36 mm		36 mm	
AWG Conductor	14 ... 6		14 ... 6		10 ... 2		10 ... 2		6 ... 10		6 ... 10	
Dimensions												
A	25.0		29.3		31.0		36.0		41.0		46.0	
B	21.5		21.5		29.0		29.0		35.0		35.0	
C	11.7		11.7		16.3		16.3		17.5		17.0	

Busbars

KUB 1 - 2

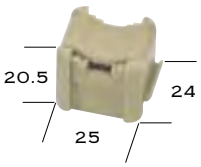


KUB 3

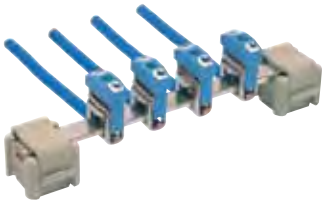
Single strand screw connection : 0.5 ... 2.5 mm
Insulation Stripping Length : 9 mm

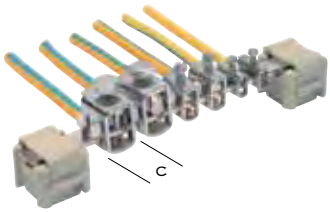
Type	Cat. No.	Current (A)	Material	Dimensions(mm)	Qty.
KUB 1	**525 100**	80	E - Cu	15 x 2	1 m
KUB 1/2	**525 101**	80	E - Cu	15 x 2	50 cm
KUB 2	**525 200**	140	E - Cu	15 x 3	1 m
KUB 2/2	**525 201**	140	E - Cu	15 x 3	50 cm
KUB 3	**525 300**	80	E - Cu	10 x 3	1 m
KUB 3/3	**525 350**	80	Tin Plated E - Cu	10 x 3	1 m

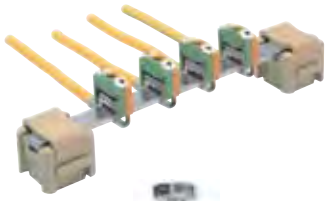
Busbar Support Block



Type	Cat. No.	Dimensions	Material	Qty.
BM	**528 110**	15 x 2	PA 6.6	50
		15 x 3		
		12 x 2		
		10 x 3		
		6 x 6		

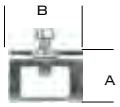






The clamping yokes can be slid onto the 10 x 3 busbar up to 50 mm2 and the entire wiring matched to the installation.

BK 4
525 361



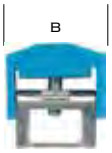
BK 10
525 362

BK 35
525 363

Electrical Ratings									
Cross-Section	4 mm²			10 mm²			35 mm²		
Insulation Stripping Length	16 mm			19 mm			19 mm		
Fixing Screw	M 3			M 4			M 6		
Busbar Dimensions	10 x 3			10 x 3			10 x 3		
Torque	0.5 Nm			1.2 Nm			2.8 Nm		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	BK 4	**525 361**	200	BK 10	**525 362**	100	BK 35	**525 363**	50
Connection Data									
Solid Strand	0.5 ... 6 mm²			1.5 ... 10 mm²			16 ... 50 mm²		
Fine Strand,	0.5 ... 4 mm²			2.5 ... 10 mm²			16 ... 35 mm²		
AWG Conductor	20 ... 10			14 ... 6			4 ... 1		
Dimensions									
A	11.3			17.2			23.3		
B	15.6			15.6			18.2		
C	5.5			8.7			14.4		

IBK type clamping yokes are designed with blue insulation caps in order to indicate connection to the N-Lead. They can be used with DB 5 marking tag.

IBK 4
525 371



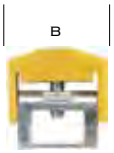
IBK 10
525 372

IBK 35
525 373

Electrical Ratings									
Cross-Section	4 mm²			10 mm²			35 mm²		
Insulation Stripping Length	16 mm			19 mm			19 mm		
Fixing Screw	M 3			M 4			M 6		
Busbar Dimensions	10 x 3			10 x 3			10 x 3		
Isolation Cap	Blue			Blue			Blue		
Torque	0.5 Nm			1.2 Nm			2.8 Nm		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	IBK 4	**525 371**	100	IBK 10	**525 372**	100	IBK 35	**525 373**	50
Connection Data									
Solid Strand	0.5 ... 6 mm²			1.5 ... 10 mm²			16 ... 50 mm²		
Fine Strand,	0.5 ... 4 mm²			2.5 ... 10 mm²			16 ... 35 mm²		
AWG Conductor	20 ... 10			14 ... 6			4 ... 1		
Dimensions									
A	14.1			19.9			8.8		
B	18.8			18.8			31.7		
C	6.4			8.5			14.1		

IBK type clamping yokes are designed with yellow - green insulation caps to emphasise the protection function. They can be used with DB 5 marking tag.

IBK 4
525 381



IBK 10
525 382

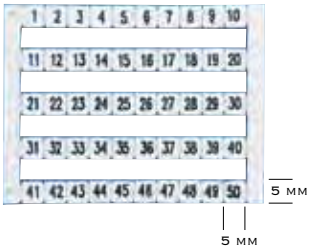
IBK 35
525 383

Electrical Ratings									
Cross-Sec.	4 mm²			10 mm²			35 mm²		
Insulation Stripping Length	16 mm			19 mm			19 mm		
Fixing Screw	M 3			M 4			M 6		
Busbar Dimensions	10 x 3			10 x 3			10 x 3		
Isolation cap	Yellow - Green			Yellow - Green			Yellow - Green		
Torque	0.5 Nm			1.2 Nm			2.8 Nm		
Ordering Data	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	IBK 4	**525 381**	100	IBK 10	**525 382**	100	IBK 35	**525 383**	50
Connection Data									
Solid Strand	0.5 ... 6 mm²			1.5 ... 10 mm²			16 ... 50 mm²		
Fine Strand,	0.5 ... 4 mm²			2.5 ... 10 mm²			16 ... 35 mm²		
AWG Conductor	20 ... 10			14 ... 6			4 ... 1		
Dimensions									
A	14.1			19.9			8.8		
B	18.8			18.8			31.7		
C	6.4			8.5			14.1		

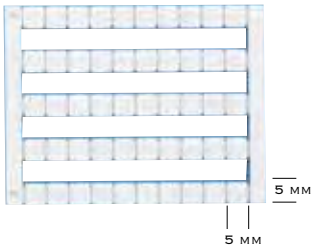
Feed-Through Terminal Accessories

Marking Tags with Standard Print

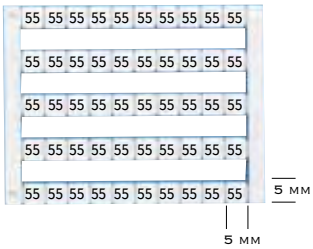
DYO 5



DB 5



DYO 5

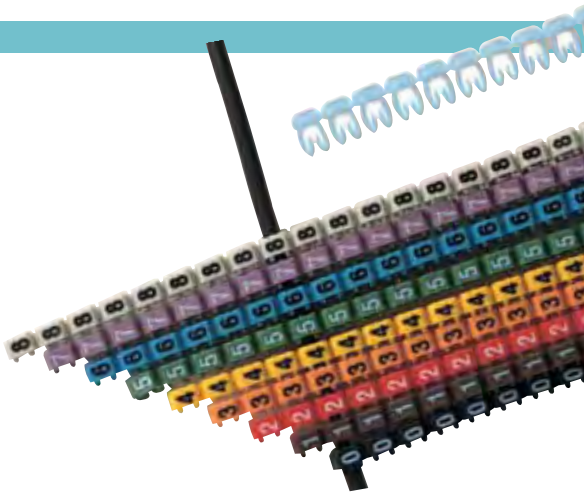


Cat. No.	Type	Description	Cat. No.	Type	Description	Cat. No.	Type	Description
505 000	DY 5	0	**505 050**	DY 5	501-550	**505 077**	DY 5	R
505 001	DY 5	1	**505 051**	DY 5	551-600	**505 078**	DY 5	S
505 002	DY 5	2	**505 052**	DY 5	601-650	**505 079**	DY 5	T
505 003	DY 5	3	**505 053**	DY 5	651-700	**505 080**	DY 5	U
505 004	DY 5	4	**505 054**	DY 5	701-750	**505 081**	DY 5	V
505 005	DY 5	5	**505 055**	DY 5	751-800	**505 082**	DY 5	W
505 006	DY 5	6	**505 056**	DY 5	801-850	**505 083**	DY 5	X
505 007	DY 5	7	**505 057**	DY 5	851-900	**505 084**	DY 5	Y
505 008	DY 5	8	**505 058**	DY 5	901-950	**505 085**	DY 5	Z
505 009	DY 5	9	**505 059**	DY 5	951-999	**505 090**	DY 5	L1
505 010	DY 5	10	**505 060**	DY 5	A	**505 091**	DY 5	L2
505 020	DY 5	1-10	**505 061**	DY 5	B	**505 092**	DY 5	L3
505 021	DY 5	11-20	**505 062**	DY 5	C	**505 093**	DY 5	R S T N
505 022	DY 5	21-30	**505 063**	DY 5	D	**505 094**	DY 5	Mp
505 023	DY 5	31-40	**505 064**	DY 5	E	**505 095**	DY 5	+
505 024	DY 5	41-50	**505 065**	DY 5	F	**505 096**	DY 5	-
505 030	DY 5	10, 20, 30,.....100	**505 066**	DY 5	G	**505 097**	DY 5	⏚
505 040	DY 5	1-50	**505 067**	DY 5	H	**505 098**	DY5	PE
505 041	DY 5	51-100	**505 068**	DY 5	I	**505 201**	DY 10/6.5	1-10
505 042	DY 5	101-150	**505 069**	DY 5	J	**505 202**	DY 10/6.5	11-20
505 043	DY 5	151-200	**505 070**	DY 5	K	**505 203**	DY 10/6.5	21-30
505 044	DY 5	201-250	**505 071**	DY 5	L	**505 204**	DY 10/6.5	31-40
505 045	DY 5	251-300	**505 072**	DY 5	M	**505 205**	DY 10/6.5	41-50
505 046	DY 5	301-350	**505 073**	DY 5	N	**505 206**	DY 10/6.5	51-60
505 047	DY 5	351-400	**505 074**	DY 5	O	**505 207**	DY 10/6.5	61-70
505 048	DY 5	401-450	**505 075**	DY 5	P	**505 208**	DY 10/6.5	71-80
505 049	DY 5	451-500	**505 076**	DY 5	Q	**505 209**	DY 10/6.5	81-90
						505 210	DY 10/6.5	91-100

Feed-Through Terminal Accessories

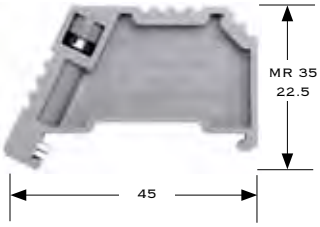
Standard KEB Marking Tags

Type	For conductors mm2	Quantity
KG 1	0.75 - 4	100
KG 2	4 - 16	50
KE 1	0.75 - 1.5	500
KE 2	1.5 - 2.5	500
KE 3	4 - 6	500



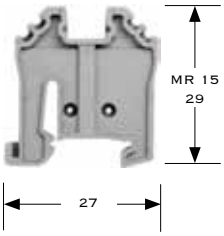
Closed Type					Open Type					
Character	**KG 1**	**KG 2**	**Packaging**	**Color**	**Character**	**KE 1**	**KE 2**	**KE 3**	**Packaging**	**Color**
Numbers					**Numbers**					
0	**515 000**	**516 000**	1000/500	Yellow	0	**517 000**	**518 000**	**519 000**	500	Black
1	**515 001**	**516 001**	1000/500	Yellow	1	**517 001**	**518 001**	**519 001**	500	Brown
2	**515 002**	**516 002**	1000/500	Yellow	2	**517 002**	**518 002**	**519 002**	500	Red
3	**515 003**	**516 003**	1000/500	Yellow	3	**517 003**	**518 003**	**519 003**	500	Orange
4	**515 004**	**516 004**	1000/500	Yellow	4	**517 004**	**518 004**	**519 004**	500	Yellow
5	**515 005**	**516 005**	1000/500	Yellow	5	**517 005**	**518 005**	**519 005**	500	Green
6	**515 006**	**516 006**	1000/500	Yellow	6	**517 006**	**518 006**	**519 006**	500	Blue
7	**515 007**	**516 007**	1000/500	Yellow	7	**517 007**	**518 007**	**519 007**	500	Mor
8	**515 008**	**516 008**	1000/500	Yellow	8	**517 008**	**518 008**	**519 008**	500	Grey
9	**515 009**	**516 009**	1000/500	Yellow	9	**517 009**	**518 009**	**519 009**	500	White
Letters					**Letters**					
A	**515 010**	**516 010**	1000/500	Yellow	A	**517 010**	**518 010**	**519 010**	200	Yellow
B	**515 011**	**516 011**	1000/500	Yellow	B	**517 011**	**518 011**	**519 011**	200	Yellow
C	**515 012**	**516 012**	1000/500	Yellow	C	**517 012**	**518 012**	**519 012**	200	Yellow
D	**515 013**	**516 013**	1000/500	Yellow	D	**517 013**	**518 013**	**519 013**	200	Yellow
E	**515 014**	**516 014**	1000/500	Yellow	E	**517 014**	**518 014**	**519 014**	200	Yellow
F	**515 015**	**516 015**	1000/500	Yellow	F	**517 015**	**518 015**	**519 015**	200	Yellow
G	**515 016**	**516 016**	1000/500	Yellow	G	**517 016**	**518 016**	**519 016**	200	Yellow
H	**515 017**	**516 017**	1000/500	Yellow	H	**517 017**	**518 017**	**519 017**	200	Yellow
I	**515 018**	**516 018**	1000/500	Yellow	I	**517 018**	**518 018**	**519 018**	200	Yellow
J	**515 019**	**516 019**	1000/500	Yellow	J	**517 019**	**518 019**	**519 019**	200	Yellow
K	**515 020**	**516 020**	1000/500	Yellow	K	**517 020**	**518 020**	**519 020**	200	Yellow
L	**515 021**	**516 021**	1000/500	Yellow	L	**517 021**	**518 021**	**519 021**	200	Yellow
M	**515 022**	**516 022**	1000/500	Yellow	M	**517 022**	**518 022**	**519 022**	200	Yellow
N	**515 023**	**516 023**	1000/500	Yellow	N	**517 023**	**518 023**	**519 023**	200	Yellow
O	**515 024**	**516 024**	1000/500	Yellow	O	**517 024**	**518 024**	**519 024**	200	Yellow
P	**515 025**	**516 025**	1000/500	Yellow	P	**517 025**	**518 025**	**519 025**	200	Yellow
Q	**515 026**	**516 026**	1000/500	Yellow	Q	**517 026**	**518 026**	**519 026**	200	Yellow
R	**515 027**	**516 027**	1000/500	Yellow	R	**517 027**	**518 027**	**519 027**	200	Yellow
S	**515 028**	**516 028**	1000/500	Yellow	S	**517 028**	**518 028**	**519 028**	200	Yellow
T	**515 029**	**516 029**	1000/500	Yellow	T	**517 029**	**518 029**	**519 029**	200	Yellow
U	**515 030**	**516 030**	1000/500	Yellow	U	**517 030**	**518 030**	**519 030**	200	Yellow
V	**515 031**	**516 031**	1000/500	Yellow	V	**517 031**	**518 031**	**519 031**	200	Yellow
W	**515 032**	**516 032**	1000/500	Yellow	W	**517 032**	**518 032**	**519 032**	200	Yellow
X	**515 033**	**516 033**	1000/500	Yellow	X	**517 033**	**518 033**	**519 033**	200	Yellow
Y	**515 034**	**516 034**	1000/500	Yellow	Y	**517 034**	**518 034**	**519 034**	200	Yellow
Z	**515 035**	**516 035**	1000/500	Yellow	Z	**517 035**	**518 035**	**519 035**	200	Yellow
Signs					**Signs**					
Mp	**515 040**	**516 040**	1000/500	Blue	Mp	**517 040**	**518 040**	**519 040**	200	Yellow
S	**515 041**	**516 041**	1000/500	Green	S	**517 041**	**518 041**	**519 041**	200	Yellow
T	**515 042**	**516 042**	1000/500	Red	T	**517 012**	**518 042**	**519 042**	200	Yellow
+	**515 043**	**516 043**	1000/500	Red	+	**517 043**	**518 043**	**519 043**	200	Yellow
-	**515 044**	**516 044**	1000/500	Blue	-	**517 044**	**518 044**	**519 044**	200	Yellow
⏚	**515 045**	**516 045**	1000/500	Yellow	⏚	**517 045**	**518 045**	**519 045**	200	Yellow
(	**515 046**	**516 046**	1000/500	Yellow	(	**517 046**	**518 046**	**519 046**	200	Yellow
.	**515 047**	**516 047**	1000/500	Yellow	.	**517 047**	**518 047**	**519 047**	200	Yellow
/	**515 048**	**516 048**	1000/500	Yellow	/	**517 048**	**518 048**	**519 048**	200	Yellow

KD 3

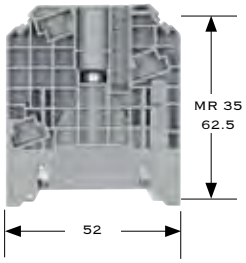


Cat. No.	**495 049 - Grey** **495 040 - Beige**
	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.
Qty.	100

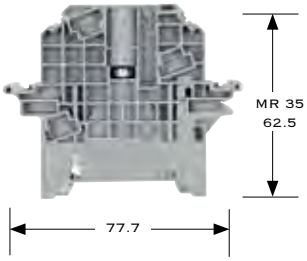
KD 5



KD 6



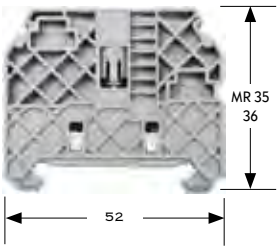
KD 6 A



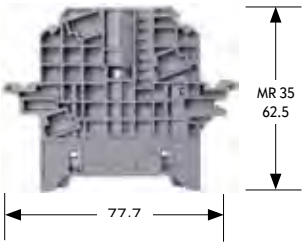
Cat. No.	**495 069 - Grey** **495 060 - Beige**	**495 099 - Grey** **495 090 - Beige**	**495 109 - Grey** **495 100 - Beige**
	Without screw end bracket mounted on MR 15 type of DIN-rail. Can be used together with Mini Screw Connection and Mini Spring Clamp feed-through terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.
Qty.	100	50	50

End Brackets

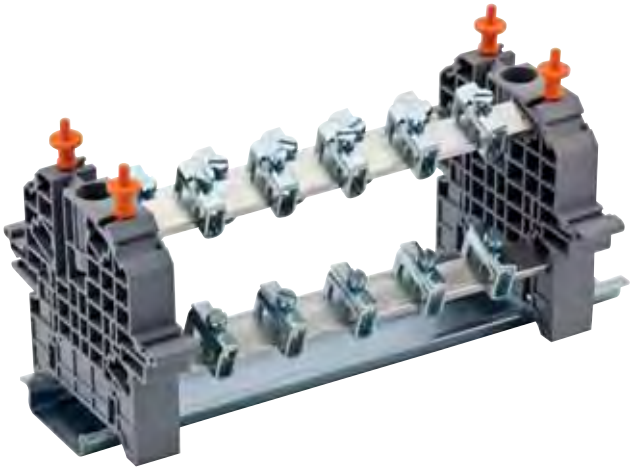
KD 7



KD 6T



Cat. No.	**495 219 - Grey** **495 210 - Beige**	**495 209 - Grey** **495 200 - Beige**
	screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for small and middle cross-sections.	screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for high cross-sections. provides distribution block with 10x3 busbar.
Qty.	50	50



Modular Group Markers

ME 1 - 1

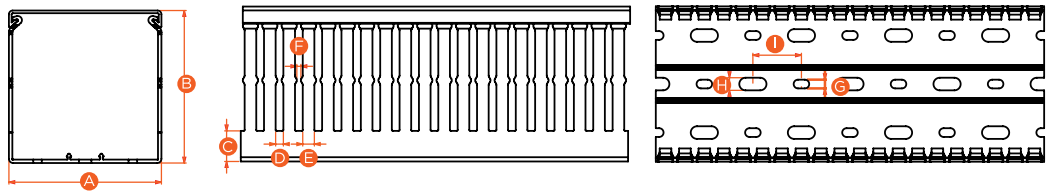
ME 1 - 2

ME 2 - 2

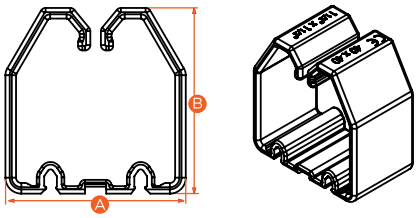
ME 3

Cat. No.	**496 12A - Transparent**	**496 13A - Transparent**	**496 14A - Transparent**	**496 300 - Transparent**
	508 530 SIFX 0615Y (6 x 15 mm)	508 519 SIT FP 1020Y (10 x 20 mm)	508 519 SIT FP 1020Y (10 x 20 mm)	508 520 SIT FP 4407 (7 x 44 mm)
Qty.	25	25	25	50

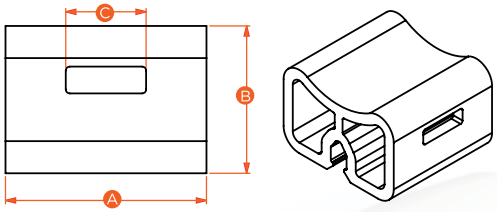
Wiring Ducts



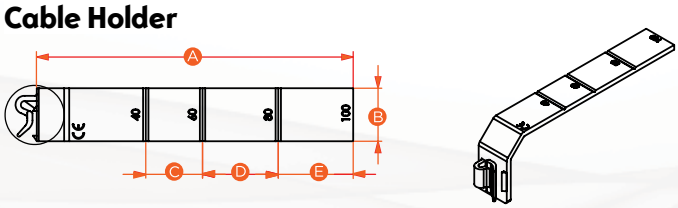
Wire Retainer



Cable Clamp



Cable Holder



Klemsan
Trunkie

Cat. No.	Product	Description	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
551 010	KKC 2530	Wiring Duct	25	30	11.4	4	6	2.1	4.5	6.5	25
551 011	KKC 2540	Wiring Duct	25	40	12.4	4	6	2.1	4.5	6.5	25
551 012	KKC 2560	Wiring Duct	25	60	13.6	4	6	2.1	4.5	6.5	25
551 013	KKC 4040	Wiring Duct	40	40	12.4	4	6	2.1	4.5	6.5	25
551 014	KKC 4060	Wiring Duct	40	60	13.6	4	6	2.1	4.5	6.5	25
551 015	KKC 4080	Wiring Duct	40	80	15.8	4	6	2.1	4.5	6.5	25
551 016	KKC 6040	Wiring Duct	60	40	12.6	4	6	2.1	4.5	6.5	25
551 017	KKC 6060	Wiring Duct	60	60	13.8	4	6	2.1	4.5	6.5	25
551 018	KKC 6080	Wiring Duct	60	80	15.8	4	6	2.1	4.5	6.5	25
551 019	KKC 8060	Wiring Duct	80	60	13.8	4	6	2.1	4.5	6.5	25
551 020	KKC 8080	Wiring Duct	80	80	15.8	4	6	2.1	4.5	6.5	25
551 021	KKC 1006	Wiring Duct	100	60	16	4	6	2.1	4.5	6.5	25
551 022	KKC 1008	Wiring Duct	100	80	16	4	6	2.1	4.5	6.5	25
551 023	KKC 1206	Wiring Duct	120	60	16.3	4	6	2.1	4.5	6.5	25
551 024	KKC 1208	Wiring Duct	120	80	16.3	4	6	2.1	4.5	6.5	25
553 315	KKT 25	Wiring Retainer	34	35							
553 325	KKT 40	Wiring Retainer	34	53							
553 335	KKT 60	Wiring Retainer	53	75							
553 405	KKB	Cable Clamp	15	11	6						
553 415	KKM	Cable Holder	83.6	14	15	20	19,8				

Slotted Wiring Ducts

Klemsan Trunkie

Cat. No.	Product	Description	Pack. Qty.
551 010	KKC 2530	25 x 30 (1 x 1) Slotted Wiring Duct	50 x 2 m
551 011	KKC 2540	25 x 40 (1 x 1 1/2) Slotted Wiring Duct	50 x 2 m
551 012	KKC 2560	25 x 60 (1 x 2 1/4) Slotted Wiring Duct	30 x 2 m
551 013	KKC 4040	40 x 40 (1 1/2 x 1 1/2) Slotted Wiring Duct	26 x 2 m
551 014	KKC 4060	40 x 60 (1 1/2 x 2 1/4) Slotted Wiring Duct	18 x 2 m
551 015	KKC 4080	40 x 80 (1 1/2 x 3) Slotted Wiring Duct	20 x 2 m
551 016	KKC 6040	60 x 40 (2 1/4 x 1) Slotted Wiring Duct	18 x 2 m
551 017	KKC 6060	60 x 60 (2 1/4 x 2 1/4) Slotted Wiring Duct	12 x 2 m
551 018	KKC 6080	60 x 80 (2 1/4 x 3) Slotted Wiring Duct	12 x 2 m
551 019	KKC 8060	80 x 60 (3 x 2 1/4) Slotted Wiring Duct	14 x 2 m
551 020	KKC 8080	80 x 80 (3 x 3) Slotted Wiring Duct	12 x 2 m
551 021	KKC 1006	100 x 60 (4 x 2 1/4) Slotted Wiring Duct	10 x 2 m
551 022	KKC 1008	100 x 80 (4 x 3) Slotted Wiring Duct	8 x 2 m
551 023	KKC 1206	120 x 60 (4 1/2 x 2 1/4) Slotted Wiring Duct	8 x 2 m
551 024	KKC 1208	120 x 80 (4 1/2 x 3) Slotted Wiring Duct	6 x 2 m

Wiring Duct Cover

Cat. No.	Product	Description	Pack. Qty.
551 050	KKK 25	25 mm Wiring Duct Cover	10 x 2 m
551 051	KKK 40	40 mm Wiring Duct Cover	10 x 2 m
551 052	KKK 60	60 mm Wiring Duct Cover	10 x 2 m
551 053	KKK 80	80 mm Wiring Duct Cover	10 x 2 m
551 054	KKK 100	100 mm Wiring Duct Cover	10 x 2 m
551 055	KKK 120	120 mm Wiring Duct Cover	10 x 2 m

Wiring Duct Accessories

Cat. No.	Product	Description	Pack. Qty.
553 315	KKT 25	Wiring Retainer	10
553 325	KKT 40	Wiring Retainer	10
553 335	KKT 60	Wiring Retainer	10
553 405	KKB	Cable Clamp	10
553 415	KKM	Cable Holder	10

Wiring Duct Cutter

DC-125

- Quick & easy cutting
- Burr-free cut edges
- No noise, no chips
- Ducts cut precisely to the millimeter
- Blade guard guarantees secure operation

Test Plugs and Sockets

Cat. No.	Product	Terminals used
493 020	TF (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
493 023	TF (2.3)	AVK 2.5; AVK 4; AVK 6 ; AVK 10;PIK 2.5 N; PIK 4 NK; OIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 010	TSK 1 (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 030	TSK 3 (Q2.3)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4 N; PIK 4 NK; PIK 4 ND; PIK 4 NLD; PUK 3; PUK 2T; PUK 3T; PUK 3 S; PUK 3 SLD (NPN); PUK 3 SLD (PNP)
493 040	TF (Q4)	AVK 4; AVK 6; AVK 10; AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 IRD; WGO 1; WGO 2N; WGO 2 IR; WGO 3; WGL 1; AVK 4C
490 040	TSK 4 (Q2.3)	AVK 4; AVK 6; AVK 10; AVK 4 C
490 070	TSK 7 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
492 010	ITK 28 (Q4)	AVK 4; AVK 6; AVK 10; AVK 4 C
490 080	TSK 8 (Q4)	AVK 16
492 020	ITK 32 (Q4)	AVK 16
490 090	TSK 9 (Q4)	AVK 16 RD; AVK 35 RD; AVK 35 IRD
490 100	TSK 10	WGO 1; WGO 3; WGL 1
492 030	ITK 35	WGO 2N
490 060	TSK 6	WGO 2N

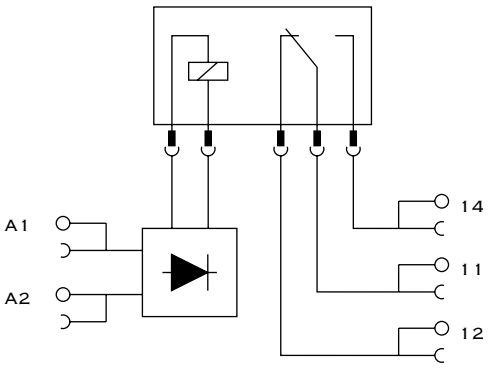
New Interface Relay saves space on the DIN Rail

Now Design Engineers have a better, slimmer way to control systems in machinery and processes. Our new Interface Relays come in 115VAC/DC or 24 VAC/DC in a slim 6mm, DIN Rail mountable package. There are two sets of contacts, 1 NO and 1 NC that can each carry 6A.

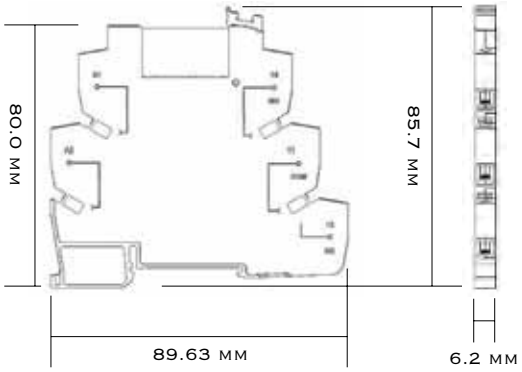
Type	Input Type	Order No
KPR-SCE-24VAC/DC-1C	24V AC/DC	**270 810**
KPR-SCE-115VAC/DC-1C	115V AC/DC	**270 840**
KPR-SCE-230VAC/DC-1C	230V AC/DC	**270 850**

Contact type	1 CO
Contact material	AgSnO2
Contact rating (cosφ=1)	6A 250VAC / 30VDC
Max. switching voltage	400VAC / 125VDC
Max. switching current	6A
Max. switching power	1500VA / 180W
Mechanical life	1 x 107 operations
Electrical life (UL approval)	(NO) 3 x 104operations (85°C)
	(NC) 1 x 104operations (85°C)
Isolation resistance	1000MΩ (500VDC)
Dielectric strength	
between relay coil and contacts	4000VAC 1 minute
between relay contacts	1000VAC 1 minute
Response time (at nominal voltage)	10msn max
Release time (at nominal voltage)	5msn max
Humidity	%5 .. %85 (non-condensing)
Operating temperature	-40°C .. +85°C
Input voltage (UN)	24V, 115V, 230V (AC/DC)
Response voltage	%80 x UN
Release voltage	%20 x UN
Relay type (coil)	
24V (AC/DC)	24VDC, 170mW
115V, 230V (AC/DC)	60VDC, 210mW
Relay indicator	Green LED
Connection type	Screw terminals
Max. cable cross-section	2.5mm^2
Max. torque	0.4Nm
Mounting type	Rail mounted
Mounting rail	MR 35 x 7.5 / MR 35 x 15
Packaging unit	10 pcs

Block Diagram



Dimensions

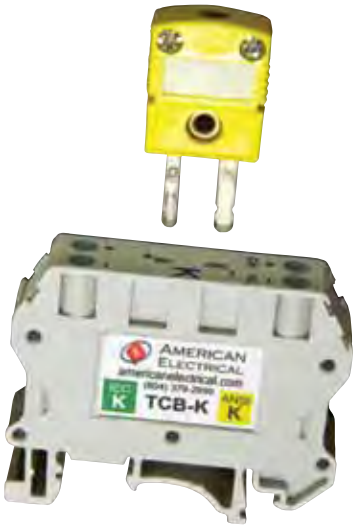


Junction Boxes with Feed Through Terminals

Save Time

- Easy, top entry, screwless wiring (insert screwdriver, opens clamp – insert wire, remove screwdriver for secure connection)
- Captive half turn, spring loaded, cover screws for fast and easy access
- IP 65, NEMA 4X rated, Polycarbonate (-40°C - 80°C) indoor / outdoor enclosure with gasket
- Included: 2 sets of M20 cable grips (IP68) and locknuts to seal enclosure (3.5mm-8mm cable diameter)
- Optional: Non-Insulated Screwdriver (used to open terminal spring clamps)

Item #	Item Name	Terminal	Current	Voltage
JB-FT5	Junction Box, 5 feed-through Terminals	5 feed-through	35 A	600 V
JB-FT10	Junction Box, 10 feed-through Terminals	10 feed-through	35 A	600 V
JB-FT15	Junction Box, 15 feed-through Terminals	15 feed-through	35 A	600 V
JB-FT20	Junction Box, 20 feed-through Terminals	20 feed-through	26 A	600 V
M20kit	2, M20, Grey Cable Grips with Locknuts	N/A	N/A	N/A
W900834	Non-insulated Screwdriver	N/A	N/A	N/A



- Built in Miniature Female Thermocouple Connector for Monitoring, Troubleshooting and Audit Feature
- Screw Type Terminal for Secure and Maintenance Free Connections
- Type K and J Calibrations
- Fully Enclosed—No End Plates Required
- DIN Rail Mountable (32 mm or 35 mm)—Narrow 10.7 mm Width
- Identified with Calibration and "+" , "-" Connections
- Write-On terminal markers

Item #	Width	Length	Wire Size	Insulation Stripping Length	Torque	Temperature Range
TCB-J	10.7 mm	51 mm	12 AWG	8 mm	0.6 to 0.8 N·m	-40 to 85 °C
TCB-K	10.7 mm	51 mm	12 AWG	8 mm	0.6 to 0.8 N·m	-40 to 85 °C
TCABLE-J	N/A	60 in	N/A	N/A	N/A	N/A
TCABLE-K	N/A	60 in	N/A	N/A	N/A	N/A
TCONN-J	N/A	N/A	N/A	N/A	N/A	N/A
TCONN-K	N/A	N/A	N/A	N/A	N/A	N/A

CE Marking

The letters CE stand for Comformité Européene, meaning "European Conformity". CE sign confirms that a product meets the demands of all relevant guidelines and regulations of the European Union (EU), and declares a product is appropriate for human security and health.The products of Klemsan are subject to below directives:

1- Low Voltage Directive (LVD) - 73/23 EEC
This directive includes electrical devices which function in the range of 50-1000 V (alternative current) and 75-1500 V (direct current).

2- Equipment for use in potentially Explosive Atmospheres (ATEX) - 94/9 EEC. ATEX is the name commonly given to the framework for controlling explosive atmospheres and the standards of equipment and protective systems used in them.

RoHS

The RoHS Directive stands for "Restriction of the use of certain Hazardous Substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. The permitted ratios are below:

Cd	Cadmium - %0.01 ppm
Hg	Mercury - %0.1 ppm
Cr(VI)	Hexavalent chromium (coating) - %0.1 ppm
PBB	Polybrominated biphenyl (flame retardant) - %0.1 ppm
PBDE	Polybrominated diphenyl ether (flame retardant) - %0.1 ppm
Pb	Lead - %0.1 ppm
	ppm: parts per million (in total weight)

Klemsan has developed some processes and components in accordance with RoHS Directives in 2006, and had its products tested in the approved laboratories, and achieved RoHS Conformity Approvals.

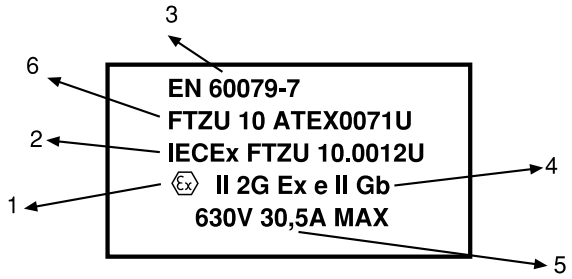
Reach Directive

As the name implies, the 2006/1907/EC REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) directive, adopted by the European Union on 1 June 2007, obliges companies that produce, import, or use chemical substances to register these substances and their uses and determine any related dangers and riskes if required.

Pollution Severities

Pollution SeveATEX Directives regulating the "94/9/EC" - use of equipment in potentially explosive atmospheres was put into force on December 1st 2003 by the European Union. By this directive, rated values for normal operating conditions have been revised for potentially explosive areas.

Below figure illustrates and verbalizes the meaning of the labels ATEX certificated products:



1 Explotion Protection Symbol
2 International Explosive Protection Certificate Number
3 Standard Referance Number
4 a: Equipment Group II
b: Product Category 2 - for usage in zone 1 and/ or 2
c: Approval for applications in gas (G) environment
d: "e" class for having increased safety category
5 Rated voltage and current values
6 Notified body name

Equipment group
1- Mines
2- Other industry branches

Classification of potentially explosive areas
Zone 0: Places where the potential for explosion is high and duration is long under normal operating conditions
Zone 1: Places where the potential for explosion is low and duration is short under normal operating conditions
Zone 2: Places where there is no potential for explosion under normal operating conditions or low potential for explosion with short duration under defect, repair and maintenance situations.

"e" class increased safety
This is an application where the precautions are taken although there is no arc occurring under normal operating conditions. Security of the device is increased one step further. This application is used in environments with no danger of high temperature under normal operations e.g. in terminal block boxes, cable connections. Such products do not need to be pressure resistant; it is sufficient to get their IP degree up to a level that assures water and humidity resistance.

Important Notice

- Klemsan Inc. reserves the rights for any changes in this catalogue.
- For the products that are not included in our catalogue please contact our Department of Trade.
- Figures and technical specs in this catalogue are only for general purpose.
- Our products are assembled to be in accordance with EC technical regulations and correspond to the national and international standards. All our products are fabricated in our ISO 9001 and ISO 14001 certified manufacturing plants.
- For further information on the certificates:
  Tel : 0 (212) 222 52 00
  Fax: 0 (212) 222 66 55

ISO 9001 - ISO 14001

Wire Ferrules

Wire ferrules are used to terminate stranded wires and are mainly used with European-style terminal blocks and other IEC control components. American Electrical has the widest selection in North America. Our ferrules are also made for twin wire, on reels, in strips, for extra long applications and for wires with thick insulation. We cover sizes from 26 AWG to 500MCM.

AEI is the only company in the USA that stocks three separate color codes for insulated wire ferrules – DIN, T and W. There is no difference other than color for a given ferrule of the same AWG size. The DIN (Deutche Industrie Normen – German) code is the most widely used and accepted.

The T code was a French code designed by Telemechanique and the W code another European code developed by Weidmuller. Both Telemechanique and Weidmuller do not manufacture wire ferrules.

- Insulated Ferrules
- Insulated Ferrules for wires with thick insulation
- Ferrules on Strips
- Ferrules on Reels
- Twin wire Ferrules
- Uninsulated Ferrules
- Assortment Boxes
- Cross Reference

Technical Information

Apart from giving a high quality appearance, ferrules also ensure the reliability of the connection and installation.

Advantages of wire ferrules:
- Easy insertion of wire into terminal
- Prevents flare out of stripped, stranded wire
- Improves connection reliability

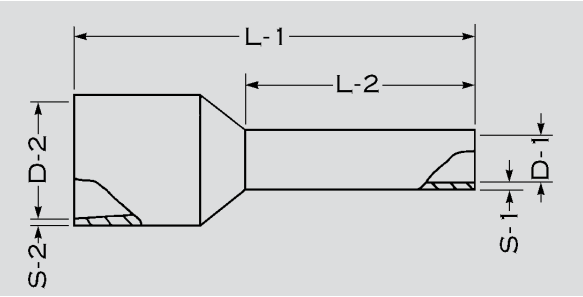
Wire ferrules with plastic insulating collars:
- Simple identification of the circuit and voltage based on the color of the insulated collar
- Additional insulation helps to isolate and protect against unwanted contact with electrical circuits
- Insulated Ferrules are rated at 600VAC/DC

Technical Data		Wire Ferrule Pull Out Forces			
Material (H Type)	Polypropylene PP homo	mm²	AWG	Pull out Force lbs (N)	Ferrule
MI (Melt Index)	12	0.25	24	3.372 (15)	0.25
Flexural	1.550 Mpa	0.5	22	6.74 (30)	0.5
Moldulus Izod	25	0.75	20	6.74 (30)	0.75
Thermal Properties	89°C	1	18	7.87 (35)	1
H.D.T. – 4.6 kg/cm²	108°C	1.5	16	9 (40)	1.5
H.D.T. – 18.6 kg/cm²	-20°C	2.5	14	11.24 (50)	2.5
Crystal Melting Temp.	164 - 168°C	4	12	13.49 (60)	4
		6	10	17.98 (80)	6
		10	8	20.23 (90)	10
		16	6	22.48 (100)	16
		25	4	30.35 (135)	25
		35	2	42.71 (190)	35
		50	1	53.06 (236)	50
		70	1/0 & 2/0	64.07 (285)	70
		95	3/0	78.91 (351)	95
		120	4/0	96 (427)	120
		150	300mcm	96 (427)	150
		185	300mcm	113.08 (503)	185
		240	300mcm	129.94 (578)	240

Wire Ferrules Insulated

DIN 46228

Part 4



Tolerances

S1 ± .05mm
S2 ± .1mm
D1 ± .14mm
D2 ± .2mm
L1 ± 1.5mm

Material: Copper / Plastic
Surface: Tin Plated

Size mm²	AWG	DIN Part No.	Color Code DIN	T Part No.	Color Code T	W Part No.	Color Code W	Pieces per Bag	Dimensions (mm) L-1	L-2	D-1	S-1	D-2	S-2	Rec. Crimping Tool
0.14*	26-28	1161014	Grey	1163014	Brown	1162014	Grey	500	10.5	6	0.8	0.25	2.0	0.25	Trap24-10 or SQ28-10
0.14*		1181014		1183014		1182014			12.5	8	0.8	0.25	2.0	0.25	
0.25*	24-26	11610025	Yellow	11630025	Violet	11620025	Blue	500	10.5	6	0.8	0.25	2.0	0.25	
0.25*		11810025		11830025		11820025			12.5	8	0.8	0.25	2.0	0.25	
0.34*	24-26	1161034	Turquoise	1163034	Pink	1162034	Turquoise	500	10.5	6	0.8	0.25	2.0	0.25	
0.34*		1181034		1183034		1182034			12.5	8	0.8	0.25	2.0	0.25	
0.50	20-24	1161050	White	1163050	White	1162050	Orange	500	11.5	6	1.1	0.15	2.5	0.25	
0.50		1181050		1183050		1182050			13.5	8	1.1	0.15	2.5	0.25	
0.50		11101050		11103050		11102050			15.5	10	1.1	0.15	2.5	0.25	
0.75	20-22	1161075	Grey	1163075	Blue	1162075	White	500	12.0	6	1.3	0.15	2.8	0.25	
0.75		1181075		1183075		1182075			14.0	8	1.3	0.15	2.8	0.25	
0.75		11101075		11103075		11102075			16.0	10	1.3	0.15	2.8	0.25	
0.75		11121075		11123075		11122075			18.0	12	1.3	0.15	2.8	0.25	
1.00	18	1161010	Red	1163010	Red	1162010	Yellow	500	12.5	6	1.5	0.15	3.0	0.3	
1.00		1181010		1183010		1182010			14.5	8	1.5	0.15	3.0	0.3	
1.00		11101010		11103010		11102010			16.5	10	1.5	0.15	3.0	0.3	
1.00		11121010		11123010		11122010			18.5	12	1.5	0.15	3.0	0.3	
1.50*	16	1161015	Black	1163015	Black	1162015	Red	500	12.5	6	1.8	0.15	3.4	0.3	
1.50		1181015		1183015		1182015			14.5	8	1.8	0.15	3.4	0.3	
1.50		11101015		11103015		11102015			16.5	10	1.8	0.15	3.4	0.3	
1.50		11121015		11123015		11122015			18.5	12	1.8	0.15	3.4	0.3	
1.50		11181015		11183015		11182015			24.5	18	1.8	0.15	3.4	0.3	
2.08*	14	1181208	Yellow	1183208	Yellow	1182208	Yellow	500	14.5	8	2.05	0.15	3.6	0.3	
2.50	14	1181025	Blue	1183025	Grey	1182025	Blue	500	15.0	8	2.3	0.15	4.2	0.3	
2.50		11121025		11123025		11122025			19.0	12	2.3	0.15	4.2	0.3	
2.50		11181025		11183025		11182025			25.0	18	2.3	0.15	4.2	0.3	
4.00	12	11101040	Grey	11103040	Orange	11102040	Grey	500	17.5	10	2.9	0.2	4.8	0.3	
4.00		11121040		11123040		11122040			20.0	12	2.9	0.2	4.8	0.3	
4.00		11181040		11183040		11182040		100	26.0	18	2.9	0.2	4.8	0.3	
6.00	10	11121060	Yellow	11123060	Green	11122060	Black	100	20.0	12	3.6	0.2	6.2	0.3	Trap8-1 or Trap8-4
6.00		11181060		11183060		11182060			25.0	18	3.6	0.2	6.2	0.3	
10.00	8	11121100	Red	11123100	Brown	11122100	Ivory	100	21.0	12	4.6	0.2	7.5	0.3	
10.00		11181100		11183100		11182100			27.0	18	4.6	0.2	7.5	0.3	
16.00	6	11121160	Blue	11123160	White	11122160	Green	100	23.0	12	6.0	0.2	8.8	0.4	
16.00		11181160		11183160		11182160			29.0	18	6.0	0.2	8.8	0.4	

* Does not conform to DIN 46228 part 4

Size mm²	AWG	DIN Part No.	Color Code DIN	T Part No.	Color Code T	W Part No.	Color Code W	Pieces per Bag	Dimensions (mm) L-1	L-2	D-1	S-1	D-2	S-2	Rec. Crimping Tool
25.00	4	11161250	YELLOW	11163250	BLACK	11162250	BROWN	50	29.0	16	7.5	0.2	11.0	0.5	TRAP8-1 or TRAP8-4
25.00		11181250		11183250		11182250			31.0	18	7.5	0.2	11.0	0.5	
25.00		11221250		11223250		11222250			35.0	22	7.5	0.2	11.0	0.5	
35.00	2	11161350	RED	11163350	RED	11162350	BEIGE	50	30.0	16	8.5	0.2	12.5	0.5	TRAP8-1
35.00		11181350		11183350		11182350			32.0	18	8.5	0.2	12.5	0.5	
35.00		11251350		11253350		11252350			39.0	25	8.5	0.2	12.5	0.5	
50.00	1	11201500	BLUE	11203500	BLUE	11202500	OLIVE	50	36.0	20	10.5	0.35	15.0	0.6	
50.00		11251500		11253500		11252500		25	41.0	25	10.5	0.35	15.0	0.6	
70.00*	1/0	11201700	YELLOW	11203700	YELLOW	11202700	YELLOW	25	37.0	20	12.7	0.35	16.0	0.6	VICE70150
70.00*	2/0	11271700		11273700		11272700			43.0	27	12.7	0.40	16.0	0.6	
95.00*	3/0	11251950	RED	11253950	RED	11252950	RED	25	44.0	25	14.7	0.35	18.0	0.6	
120.00*	4/0	112711200	BLUE	112731200	BLUE	112721200	BLUE	25	48.0	27	16.7	0.45	21.0	0.7	
150.00*	300 MCM	113211500	YELLOW	113231500	YELLOW	113221500	YELLOW	25	58.0	32	18.7	0.5	23.0	1.0	

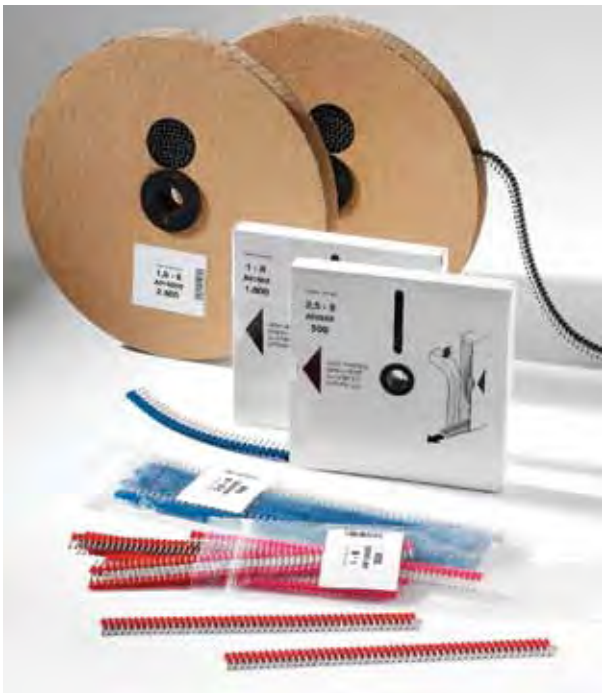
Wire Ferrules Insulated for Thick Insulation

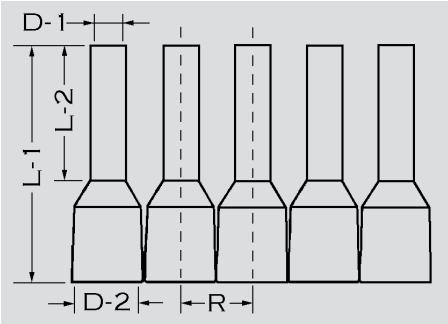
Size mm²	AWG	DIN Part No.	Color Code DIN	T Part No.	Color Code T	W Part No.	Color Code W	Pieces per Bag	Dimensions (mm) L-1	L-2	D-1	S-1	D-2	S-2
0.50	22	1050G	WHITE	3050G	WHITE	2050G	ORANGE	500	14.5	8	1.1	0.15	3.0	0.25
0.75	20	1075G	GREY	3075G	BLUE	2075G	WHITE	500	14.0	8	1.3	0.15	3.4	0.3
1.00	18	1100G	RED	3100G	RED	2100G	YELLOW	500	14.0	8	1.5	0.15	3.4	0.3
1.50	16	1150G	BLACK	3150G	BLACK	2150G	RED	500	14.0	8	1.8	0.15	3.8	0.3
16.00	6	1160G	WHITE	3160G	WHITE	2160G	GREEN	100	23.0	12	6.0	0.2	9.5	0.4

* Does not conform to DIN 46228 part 4

Wire Ferrules on Strips

Size mm²	AWG	Barrel Length (mm)	DIN Part No.	Color Code DIN	T Part No.	Color Code T	C Part No.	Color Code W	Pieces
0.50	22	8	101050	WHITE	103050	WHITE	102050	ORANGE	10 x 50
0.75	20	8	101075	GREY	103075	BLUE	102075	WHITE	10 x 50
1.00	18	8	101100	RED	103100	RED	102100	YELLOW	10 x 50
1.50	16	8	101150	BLACK	103150	BLACK	102150	RED	10 x 50
2.50	14	8	101250	BLUE	103250	GREY	102250	BLUE	10 x 50



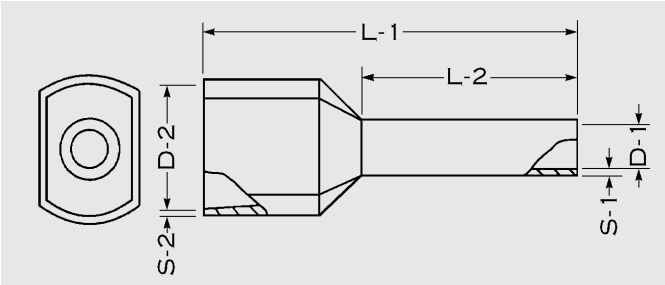


Material: Copper / Plastic
Surface: Tin Plated

Wire Ferrules on Reels

Also used with MC 25

Size mm²	Length mm	Part No.	Color Code DIN	Part No.	Color Code T	Part No.	Color Code W	Pieces per Box
0.50	8	MC1050	WHITE	MC3050	WHITE	MC2050	ORANGE	1000
0.75	8	MC1075	GREY	MC3075	BLUE	MC2075	WHITE	1000
1.00	8	MC1100	RED	MC3100	RED	MC2100	YELLOW	1000
1.50	8	MC1150	BLACK	MC3150	BLACK	MC2150	RED	1000
2.50	8	MC1250	BLUE	MC3250	GREY	MC2250	BLUE	500

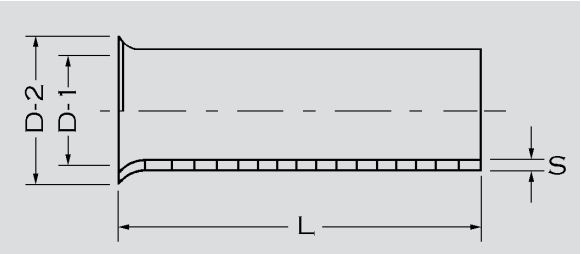


Material: Copper / Plastic
Surface: Tin Plated

Size mm²	AWG	DIN Part No.	Color Code DIN	W Part No.	Color Code W	Pcs. per Bag	Dimensions (mm) L-1	L-2	D-1	S-1	D-2	S-2	Rec. Crimping Tool
2 x 0.50	20	1381050	White	1382050	Orange	500	15.0	8.0	1.5	0.15	2.3 / 4.5	0.25	SQ28-10 or TRAP24-10
2 x 0.75	20	1381075	Grey	1382075	White	500	15.0	8.0	1.8	0.15	2.6 / 5.1	0.25	
2 x 0.75	20	13101075		13102075		500	17.0	10.0	1.8	0.15	2.6 / 5.1	0.25	
2 x 1.00	18	1381010	Red	1382010	Yellow	500	15.0	8.0	2.05	0.15	3.2 / 5.1	0.30	
2 x 1.00	18	13101010		13102010		500	17.0	10.0	2.05	0.15	3.2 / 5.1	0.30	
2 x 1.50	16	1381015	Black	1382015	Red	500	16.0	8.0	2.3	0.15	3.5 / 6.4	0.30	
2 x 1.50	16	13121015		13122015		500	20.0	12.0	2.3	0.15	3.5 / 6.4	0.30	
2 x 2.50	14	13101025	Blue	13102025	Blue	500	18.5	10.0	2.9	0.20	4.0 / 7.5	0.30	
2 x 2.50	14	13131025		13132025		100	21.5	13.0	2.9	0.20	4.0 / 7.5	0.30	
2 x 4.00	12	13121040	Grey	13122040	Grey	100	23.0	12.0	3.8	0.20	4.9 / 8.6	0.30	
2 x 6.00	10	13141060	Yellow	13142060	Black	100	25.0	14.0	4.9	0.20	5.8 / 9.6	0.40	
2 x 10.0	8	13141100	Red	13142100	Ivory	100	26.0	14.0	6.5	0.20	7.1 / 12.9	0.40	TRAP8-1 or TRAP8-4
2 x 16.0	6	13161160	Blue	13162160	Green	50	31.0	16.0	8.5	0.20	9.8 / 16.8	0.60	

Wire Ferrules Non-Insulated

DIN 46228 Part 1



Material: Copper
Surface: Tin Plated

Size mm²	AWG	Part No.	Pcs. per Bag	Dimensions (mm) L	D-1	D-2	S	Rec. Crimping Tool
0.25	24-26	12510025*	1000	5	0.8	1.7	0.15	SQ28-10 or TRAP24-10
		12710025*		7				
0.34	24-26	12510034*	1000	5	0.9	1.8	0.15	
		12710034*		7				
0.50	20-24	12610050	1000	6	1.0	2.1	0.15	
		12810050*		8				
		121010050		10				
0.75	20-24	12610075	1000	6	1.2	2.3	0.15	
		12810075*		8				
		121010075		10				
		121210075		12				
1.00	18	12610100	1000	6	1.4	2.5	0.15	
		12810100*		8				
		121010100		10				
		121210100*		12				
1.50	16	12710150	1000	7	1.7	2.8	0.15	
		12810150		8				
		121010150		10				
		121210150		12				
		121510150*		15				
		121810150		18				
		122010150*		20				
2.50	14	12710250	1000	7	2.2	3.4	0.15	
		121010250		10				
		121210250		12				
		121510250*		15				
		121810250		18				
		122010250*		20				
4.00	12	12910400	1000	9	2.8	4.0	0.2	
		121010400		10				
		121210400		12				
		121510400		15				
		121810400		18				
		122010400*		20				

Size mm²	AWG	Part No.	Pcs. per Bag	Dimensions (mm) L	D-1	D-2	S	Rec. Crimping Tool
6.00	10	121010600	1000	10	3.5	4.7	0.2	SQ28-10 or TRAP24-10
		121210600		12				
		121510600		15				
		121810600		18				
10.00	8	1212110	500	12	4.5	5.8	0.2	TRAP8-1 or TRAP8-4
		1215110		15				
		1218110		18				
		1220110*		20				
		1225110*		25				
16.00	6	1212116	250	12	5.8	7.5	0.2	
		1215116		15				
		1218116		18				
		1220116*		20				
		1225116		25				
		1232116		32				
25.00	4	1212125*	100	12	7.3	9.5	0.2	
		1215125		15				
		1218125		18				
		1225125		25				
		1232125		32				
35.00	2	1218135	100	18	8.3	11	0.2	TRAP8-1
		1220135*		20				
		1225135		25				
		1232135		32				
50.00	1	1218150	100	18	10.3	13	0.3	
		1222150*		22				
		1225150		25				
		1232150		32				
70.00	2/0	1225170	100	25	12.5	15	0.4	VICE70150
		1232170*		32				

* Does not conform to DIN 46228 part 1

Size mm²	AWG	Part No.	Pcs. per Bag	Dimensions (mm)				rec. crimping tool
				L	D-1	D-2	S	
95.0	3/0	**1225195***	100	25	14.5	17	0.4	VICE70150
		1230195*		30				
		1232195*		32				
120.0	4/0	**12321120***	100	32	16.5	19	0.5	
		12401120*		40				
150.0	300 MCM	**123211500***	100	32	18.5	21	0.5	
		123811500*		38				
185.0	350 MCM	**123211850***	100	32	20	23.5	0.6	VICE185 150,185,240mm²
		124011850*		40				
240.0	500 MCM	**124012400***	100	40	22.8	25.8	0.6	VICE185

Assortment Boxes

						DIN			T			W
Insulated Ferrules	Size mm²	AWG	Barrel Length	Quantity	Part Number	Color Code	Part DIN	Color Code Number		Part T	Color Code W	
Assortment	0.25	26	6	30	**161025**	YELLOW	**163025**	VIOLET		**162025**	BLUE	
Box 1	0.34	24	6	30		TURQ		PINK			TURQ	
	0.50	22	8	30		WHITE		WHITE			ORANGE	
	0.75	20	8	30		GREY		BLUE			WHITE	
	1.00	18	8	30		RED		RED			YELLOW	
Assortment	0.50	22	8	50	**161050**	WHITE	**163050**	WHITE		**162050**	ORANGE	
Box 2	0.75	20	8	100		GREY		BLUE			WHITE	
	1.00	18	8	100		RED		RED			YELLOW	
	1.50	16	8	100		BLACK		BLACK			RED	
	2.50	14	8	50		BLUE		GREY			BLUE	
Assortment	4.00	12	10	50	**16140**	GREY	**16340**	ORANGE		**16240**	GREY	
Box 3	6.00	10	12	20		YELLOW		GREEN			BLACK	
	10.00	8	12	20		RED		BROWN			IVORY	
	16.00	6	12	10		BLUE		WHITE			GREEN	
Assortment	0.50	22	8	50	**16050T**	WHITE						
Box 4	0.75	20	8	50		GREY						
TWIN	1.00	18	8	50		RED						
	1.50	16	8	50		BLACK						
Assortment	0.75	20	8	50	**16075T**	WHITE						
Box 5	1.00	18	8	50		GREY						
TWIN	1.50	16	8	50		RED						
	2.50	14	10	50		BLACK						
Assortment	1.50	16	8	30	**16150T**	BLACK						
Box 6	2.50	14	10	30		BLUE						
TWIN	4.00	12	12	20		GREY						
	6.00	10	14	10		YELLOW						
Assortment	0.50	22	6	500	**16050U**							
Box 7	0.75	20	6	400								
Noninsulated	1.00	18	6	400								
	1.50	16	7	300								
	2.50	14	7	200								
Assortment	1.50	16	9	150	**16040U**							
Box 8	2.50	14	10	100								
Noninsulated	4.00	12	12	80								
	6.00	10	12	40								
Assortment					**165**							
Box Empty												
5 Divisions												
Assortment					**164**							
Box Empty												
4 Divisions												
Assortment					**160**							
Box Empty												
W/O Divisions												

Crimp Kit

Features

Convenient And Portable Metal Carrying Case
Insulated Ferrules
Ferrule Assortment From 24 - 10 Awg
Stripping And Crimping Tool Included
Great For Technicians and Prototyping

Slide Boxes

Features

Handy, Convenient
No Mixing Of Contents
Five Compartments

Insulated Ferrule Assortments

					DIN			W
Size mm²	AWG	Barrel Length	Quantity	Part Number	Color Code DIN	Part Number	Color Code W
Single Ferrule Assortments								
0.50	22	8	50	**1617050**	white	**1627050**	orange
0.75	20	8	100		grey		white
1.00	18	8	100		red		yellow
1.50	16	8	100		black		red
2.50	14	8	50		blue		blue
4.00	12	10	50	**1617400**	grey	**1627400**	grey
6.00	10	12	20		yellow		black
10.00	8	12	20		red		beige
16.00	6	12	10		blue		green
Twin Ferrule Assortments								
2 x 0.50	22	8	50	**1617050T**	white	**1627050T**	orange
2 x 0.75	20	8	50		grey		white
2 x 1.00	18	8	50		red		yellow
2 x 1.50	16	8	50		black		red
2 x 2.50	14	10	25		blue		blue

Wire Ferrule Cross Reference

ALTECH				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
22010	500/100	0.5	20	**1182050**	ORANGE	500
22020	500/100	0.75	20	**1182075**	WHITE	500
22030	500/100	1	18	**1182010**	YELLOW	500
22040	500/100	1.5	16	**1182015**	RED	500
22100	100	6	10	**11122060**	BLACK	100
22110	100	6	10	**11182060**	BLACK	100
22120	100	10	8	**11122100**	IVORY	100
22130	100	10	8	**11182100**	IVORY	100
22140	100	16	6	**11122160**	GREEN	100
22150	100	16	6	**11182160**	GREEN	100
22670	50	25	4	**11182250**	BROWN	50
22760	50	35	2	**11182350**	BEIGE	50
23430	500/100	1.5	16	**11183015**	BLACK	500
23900	50	35	2	**11252350**	BEIGE	50
23970	500/100	0.5	20	**1162050**	ORANGE	500
23980	500/100	0.75	20	**1162075**	WHITE	500
23990	500/100	1	18	**1162010**	YELLOW	500
24000	500/100	1.5	16	**11102015**	RED	500
24010	500/100	2.5	14	**11122025**	BLUE	500
24020	500/100	4	12	**11122040**	GREY	500
25000	50	50	1	**11202500**	OLIVE	50
26200	500/100	0.25	24	**11610025**	YELLOW	500
26210	500/100	0.25	24	**11820025**	BLUE	500
26220	500/100	0.34	24	**1161034**	TURQ	500
26230	500/100	0.34	24	**1181034**	TURQ	500
27860	25	70	1/0	**11201700**	YELLOW	25
27860	25	70	1/0	**11202700**	YELLOW	25
27870	25	95	3/0	**11251950**	RED	25
27880	25	120	4/0	**112711200**	BLUE	25
27890	25	150	300 MCM	**113211500**	YELLOW	25
28360	500/100	0.5	20	**1161050**	WHITE	500
28400	500/100	1	18	**11123010**	RED	500
28410	500/100	1.5	16	**1181015**	BLACK	500
28420	500/100	1.5	16	**11103015**	BLACK	500
28430	500/100	1.5	16	**11121015**	BLACK	500
28440	500/100	1.5	16	**11181015**	BLACK	500
28450	500/100	2.5	14	**1181025**	BLUE	500
28450	500/100	2.5	14	**1182025**	BLUE	500
28460	500/100	2.5	14	**11121025**	BLUE	500
28470	500/100	2.5	14	**11181025**	BLUE	500
28480	500/100	4	12	**11101040**	GREY	500
28490	500/100	4	12	**11121040**	GREY	500
28500	100	4	12	**11181040**	GREY	100
28510	100	6	10	**11121060**	YELLOW	100
28520	100	6	10	**11181060**	YELLOW	100
28530	100	10	8	**11121100**	RED	100
28540	100	10	8	**11181100**	RED	100
28550	100	16	6	**11121160**	BLUE	100
28560	100	16	6	**11181160**	BLUE	100
28570	50	25	4	**11181250**	YELLOW	50
28580	50	25	4	**11221250**	YELLOW	50
28590	50	35	2	**11183350**	RED	50
28600	50	25	4	**11253350**	RED	50
28610	50	50	1	**11201500**	BLUE	50
28640	500/100	0.5	20	**1181050**	WHITE	500
28650	500/100	0.5	20	**11101050**	WHITE	500
28660	500/100	0.75	20	**1161075**	GREY	500
28670	500/100	0.75	20	**1181075**	GREY	500
28680	500/100	0.75	20	**11101075**	GREY	500
28690	500/100	0.75	20	**11121075**	GREY	500
28700	500/100	1	18	**1161010**	RED	500
28710	500/100	1	18	**1181010**	RED	500
28720	500/100	1	18	**11101010**	RED	500

ALTECH				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
27750	500/100	2 x 0.75	20	**1381075**	GREY	500
27760	500/100	2 x 1.00	18	**1381010**	RED	500
27770	500/100	2 x 1.50	16	**1381015**	BLACK	500
27780	250/100	2 x 2.50	14	**13101025**	BLUE	500
27940	500/100	2 x 0.50	20	**1381050**	WHITE	500
27950	500/100	2 x 0.75	20	**13101075**	GREY	500
27960	500/100	2 x 1.00	18	**13101010**	RED	500
27970	500/100	2 x 1.50	16	**13121015**	BLACK	500
27980	250/100	2 x 2.50	14	**13131025**	BLUE	500
27990	100	2 x 4.00	12	**13121040**	GREY	100
28000	100	2 x 6.00	10	**13141060**	YELLOW	100
28010	100	2 x 10.0	8	**13141100**	RED	100
28020	100/50	2 x 16.0	6	**13161160**	BLUE	50
22160	1000/100	0.5	20	**12610050**		1000
22170	1000/100	0.75	20	**12610075**		1000
22180	1000/100	0.75	20	**121010075**		1000
22190	1000/100	1	18	**12610100**		1000
22200	1000/100	1	18	**121010100**		1000
22210	1000/100	1.5	16	**12710150**		1000
22220	1000/100	1.5	16	**121010150**		1000
22230	1000/100	2.5	14	**12710250**		1000
22240	1000/100	2.5	14	**121210250**		1000
22250	1000/100	4	12	**12910400**		1000
22250	1000	4	12	**121010400**		1000
22260	1000/100	4	12	**121210400**		1000
22270	1000/100	6	10	**121210600**		1000
22280	1000/100	10	8	**1212110**		500
22290	1000/100	10	8	**1218110**		500
23880	1000/100	6	10	**121510600**		1000
23890	500/100	10	8	**1215110**		500
23910	500/100	16	6	**1212116**		250
23920	500/100	16	6	**1215116**		250
23930	500/100	16	6	**1218116**		250
23940	500/100	25	4	**1215125**		100
23950	500/100	25	4	**1218125**		100
23960	500/100	35	2	**1218135**		100
27910	50	95	3/0	**1230195**		100
27920	50	120	4/0	**12321120**		100
27930	50	150	300 MCM	**123811500**		100
28150	25	185	350 MCM	**124011850**		100
28160	100	50	1	**1232150**		100

ABB / AMERICAN ELECTRICAL

Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
30445400	1000	0.5	20	**1181050**	WHITE	500
30445501	1000	0.75	20	**1181075**	GREY	500
30445602	1000	1	18	**1181010**	RED	500
30445703	1000	1.5	16	**1181015**	BLACK	500
30445814	1000	1.5	16	**11181015**	BLACK	500
30445915	1000	2.5	14	**1181025**	BLUE	500
30446012	1000	2.5	14	**11181025**	BLUE	500
30446107	1000	4	12	**11101040**	GREY	500
30446200	1000	4	12	**11181040**	GREY	100
30446301	100	6	10	**11121060**	YELLOW	100
30446402	100	6	10	**11181060**	YELLOW	100
30446503	100	10	8	**11121100**	RED	100
30446604	100	10	8	**11181100**	RED	100
30446705	100	16	6	**11121160**	BLUE	100
30446816	100	16	6	**11181160**	BLUE	100
30446917	100	25	4	**11181250**	YELLOW	50
30447014	50	35	2	**11181350**	RED	50
30447101	50	50	1	**11251500**	BLUE	25
30455810		2 x 0.50	20	**1381050**	WHITE	500
30455911		2 x 0.75	20	**1381075**	GREY	500
30456016		2 x 0.75	20	**13101075**	GREY	500
30456103		2 x 1.00	18	**1381010**	RED	500
30456204		2 x 1.00	18	**13101010**	RED	500
30456305		2 x 1.50	16	**1381015**	BLACK	500
30456406		2 x 1.50	16	**13121015**	BLACK	500
30456507		2 x 2.50	14	**13101025**	BLUE	500
30456600		2 x 2.50	14	**13131025**	BLUE	500
30456701		2 x 4.00	12	**13121040**	GREY	100
30456812		2 x 6.00	10	**13141060**	YELLOW	100
30456913		2 x 10.0	8	**13141100**	RED	100
30457010		2 x 16.0	6	**13161160**	BLUE	50
30457105		0.5	20	**12610050**		1000
30457206		0.75	20	**12610075**		1000
30457307		1	18	**12610100**		1000
30457400		1	18	**121010100**		1000
30457501		1.5	16	**12710150**		1000
30457602		1.5	16	**121010150**		1000
30457703		2.5	14	**12710250**		1000
30457814		2.5	14	**121210250**		1000
30457915		4	12	**12910400**		1000
30458003		4	12	**121210400**		1000
30458120		6	10	**121010600**		1000
30458221		6	10	**121210600**		1000
30458322		6	10	**121510600**		1000
30458423		10	8	**1212110**		500
30458524		10	8	**1215110**		500
30458625		10	8	**1218110**		500
30458726		16	6	**1212116**		250
30458807		16	6	**1215116**		250
30458900		16	6	**1218116**		250

MIRO / AMERICAN ELECTRICAL

Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
G1201		50	1	**11202500**	OLIVE	50
G1202		35	2	**11162350**	BEIGE	50
G1204		25	4	**11162250**	BROWN	50
G1206		16	6	**11122160**	GREEN	100
G1208		10	8	**11122100**	IVORY	100
G1210		6	10	**11122060**	BLACK	100
G1212		4	12	**11102040**	GREY	500
G1214		2.5	14	**1182025**	BLUE	500
G1216		1.5	16	**1182015**	RED	500
G1218		1	18	**1182010**	YELLOW	500
G1220		0.75	20	**1182075**	WHITE	500
G1222		0.5	22	**1182050**	ORANGE	500
G1224		0.34	24	**1181034**	TURQ	500
G1228		0.25	26	**11620025**	BLUE	500
G2201		50	1	**11252500**	OLIVE	25
G2202		35	2	**11252350**	IVORY	50
G2204		25	4	**11222250**	BROWN	50
G2206		16	6	**11182160**	GREEN	100
G2208		10	8	**11182100**	IVORY	100
G2210		6	10	**11182060**	BLACK	100
G2212		4	12	**11182040**	GREY	100
G2214		2.5	14	**11182025**	BLUE	500
G2216		1.5	16	**11182015**	RED	500
G2218		1	18	**11122010**	YELLOW	500
G2220		0.75	20	**11102075**	WHITE	500
G2222		0.5	22	**11102050**	ORANGE	500
G2224		0.34	24	**1181034**	TURQ	500
G2228		0.25	26	**11820025**	BLUE	500
U1222		0.5	20	**12610050**		1000
U1220		0.75	20	**12610075**		1000
U1218		1	18	**12810100**		1000
U1216		1.5	16	**12710150**		1000
U1214		2.5	14	**12710250**		1000
U2222		0.5	20	**12810050**		1000
U2220		0.75	20	**12810075**		1000
U1212		4	12	**12910400**		1000
U2218		1	18	**121010100**		1000
U2216		1.5	16	**121010150**		1000
U2214		2.5	14	**121010250**		1000
U2212		4	12	**121210400**		1000
U1210		6	10	**121210600**		1000
U2210		6	10	**121510600**		1000
U1208		10	8	**1215110**		500
U1206		16	6	**1215116**		250
U1204		25	4	**1212125**		100
U2208		10	8	**1218110**		500

Wire Ferrule Cross Reference

PHOENIX				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
3009215	100	0.34	24	**1161034**	TURQ	500
3200014	100	0.5	20	**1181050**	WHITE	500
3200027	100	0.75	20	**1183075**	BLUE	500
3200030	100	1	18	**1181010**	RED	500
3200043	100	1.5	16	**1181015**	BLACK	500
3200056	100	1.5	16	**11181015**	BLACK	500
3200069	100	2.5	14	**1183025**	GREY	500
3200072	100	2.5	14	**11183025**	GREY	500
3200085	100	4	12	**11103040**	ORANGE	500
3200098	100	4	12	**11183040**	ORANGE	100
3200108	100	6	10	**11123060**	GREEN	100
3200111	100	6	10	**11183060**	GREEN	100
3200124	100	10	8	**11123100**	BROWN	100
3200137	100	10	8	**11183100**	BROWN	100
3200179	100	0.25	24	**11610025**	YELLOW	500
3200182	100	1	18	**11103010**	RED	500
3200195	100	1.5	16	**11103015**	BLACK	500
3200205	100	2.5	14	**11123025**	GREY	500
3200412	100	25	4	**11163250**	BLACK	50
3200438	100	4	12	**11123040**	ORANGE	500
3200441	100	35	2	**11161350**	RED	50
3200454	100	50	1	**11201500**	BLUE	50
3200519	100	0.75	20	**1181075**	GREY	500
3200522	100	2.5	14	**1181025**	BLUE	500
3200535	100	4	12	**11101040**	GREY	500
3200548	100	6	10	**11121060**	YELLOW	100
3200551	100	10	8	**11121100**	RED	100
3200564	100	16	6	**11121160**	BLUE	100
3200577	100	25	4	**11161250**	YELLOW	50
3200580	100	2.5	14	**11181025**	BLUE	500
3200593	100	4	12	**11181040**	GREY	100
3200603	100	6	10	**11181060**	YELLOW	100
3200616	100	10	8	**11181100**	RED	100
3200629	100	16	6	**11181160**	BLUE	100
3200632	100	0.25	24	**11820025**	BLUE	500
3200674	100	1	18	**11123010**	RED	500
3200687	100	0.5	20	**1163050**	WHITE	500
3200713	100	35	2	**11253350**	RED	50
3200726	100	50	1	**11253500**	BLUE	25
3200739	100	35	2	**11252350**	BEIGE	50
3200742	100	1	18	**1163010**	RED	500
3200755	100	1.5	16	**1163015**	BLACK	500
3200865	100	0.34	24	**1182034**	TURQ	500
3200881	1000	0.5	20	**1183050**	WHITE	500
3200904	1000	1	18	**1183010**	RED	500
3200917	1000	1.5	16	**1183015**	BLACK	500
3200920	1000	2.5	14	**1182025**	BLUE	500
3200959	100	4	12	**11122040**	GREY	500
3200962	100	2.5	14	**11122025**	BLUE	500
3201068	100	10	8	**11122100**	IVORY	100
3201071	100	35	2	**11162350**	BEIGE	50
3201084	100	25	4	**11162250**	BROWN	50
3201097	100	1	18	**1182010**	YELLOW	500
3201107	100	6	10	**11122060**	BLACK	100
3201110	100	0.75	20	**1182075**	WHITE	500
3201136	100	1.5	16	**1182015**	RED	500
3201152	100	16	6	**11122160**	GREEN	100
3201178	100	50	1	**11202500**	OLIVE	50
3201181	100	16	6	**11123160**	WHITE	100
3201275	100	0.5	20	**11103050**	WHITE	500
3201291	100	0.25	24	**11620025**	BLUE	500
3201301	100	0.5	20	**1162050**	ORANGE	500
3201301	100	0.5	20	**1182050**	ORANGE	500
3201314	100	0.75	20	**1162075**	WHITE	500
3201327	100	1	18	**1162010**	YELLOW	500
3201330	100	16	6	**11182160**	GREEN	100

PHOENIX				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
3009202	1000	0.34	22	**12710034**		1000
3200218	1000	0.5	20	**12610050**		1000
3200221	1000	0.75	20	**12610075**		1000
3200234	1000	0.75	20	**121010075**		1000
3200247	1000	1	18	**12610100**		1000
3200250	1000	1	18	**121010100**		1000
3200263	1000	1.5	16	**12710150**		1000
3200276	1000	1.5	16	**121010150**		1000
3200289	1000	2.5	14	**12710250**		1000
3200292	1000	2.5	14	**121210250**		1000
3200302	1000	4	12	**12910400**		1000
3200315	1000	4	12	**121210400**		1000
3200328	500	6	10	**121210600**		1000
3200836	100	2.5	14	**13101025**		500
3200878	100	2.5	14	**13131025**		500
3200975	100	0.75	20	**13101075**		500
3200988	100	1	18	**13101010**		500
3200991	100	1.5	16	**13121015**		500
3201000	100	4	12	**13121040**		100
3201013	100	4	12	**13141060**		100
3201026	100	10	8	**13141100**		100

WAGO				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
		0.14	26	**1161014**	GREY	500
		0.14	26	**1181014**	GREY	500
216201	1000	0.5	22	**1181050**	WHITE	500
216203	1000	1	18	**1181010**	RED	500
216204	1000	1.5	16	**1181015**	BLACK	500
216205	1000	2.1	14	**1181208**	YELLOW	500
216206	1000	2.5	14	**1183025**	GREY	500
216207	1000	4	12	**11103040**	ORANGE	500
216208	100	6	10	**11123060**	GREEN	100
216209	100	10	8	**11123100**	BROWN	100
216210	100	16	6	**11123160**	WHITE	100
216221	1000	0.5	22	**1161050**	WHITE	500
216222	1000	0.75	20	**1163075**	BLUE	500
216223	1000	1	18	**1161010**	RED	500
216224	1000	1.5	16	**1161015**	BLACK	500
216301	1000	0.25	24	**11810025**	YELLOW	500
216302	1000	0.34	24	**1181034**	TURQ	500
216321	1000	0.25	24	**11610025**	YELLOW	500
216322	1000	0.34	24	**1161034**	TURQ	500
2162020	1000	0.75	20	**1181075**	BLUE	500
216101	1000	0.5	22	**12810050**		1000
216102	1000	0.75	20	**12810075**		1000
216103	1000	1	18	**12810100**		1000
216104	1000	1.5	16	**12810150**		1000
216106	1000	2.5	14	**121010250**		1000
216107	1000	4	12	**12910400**		1000
216108	250	6	10	**121210600**		1000
216109	250	10	8	**1212110**		500
216110	250	16	6	**1215116**		500
216121	1000	0.5	22	**12610050**		1000
216122	1000	0.75	20	**12610075**		1000
216123	1000	1	18	**12610100**		1000
216124	1000	1.5	16	**12710150***		1000
216131	1000	0.25	24	**12710025**		1000
216132	1000	0.34	24	**12710034**		1000
216151	1000	0.25	24	**12510025**		1000
216152	1000	0.34	24	**12510034**		1000

Wire Ferrule Cross Reference

WEIDMULLER				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
0317000000	50	25	4	**11162250**	BROWN	50
0317100000	50	25	4	**11222250**	BROWN	50
0317200000	50	35	2	**11162350**	BEIGE	50
0317300000	50	35	2	**11252350**	BEIGE	50
0409500000	500	0.5	20	**1162050**	ORANGE	500
0409600000	500	0.75	20	**1162075**	WHITE	500
0409700000	500	1	18	**1162010**	YELLOW	500
0444200000	50	50	1	**11202500**	OLIVE	50
0462900000	500	0.75	20	**1182075**	WHITE	500
0463000000	500	1	18	**1182010**	YELLOW	500
0463100000	500	1.5	16	**1182015**	RED	500
0533500000	100	6	10	**11122060**	BLACK	100
0534200000	100	10	8	**11122100**	IVORY	100
0565600000	500	1.5	16	**11182015**	RED	500
0565700000	100	6	10	**11182060**	BLACK	100
0565800000	100	10	8	**11182100**	IVORY	100
0565900000	100	16	6	**11122160**	GREEN	100
0566000000	100	16	6	**11182160**	GREEN	100
0635100000	500	1.5	16	**11102015**	RED	500
0690700000	500	0.5	20	**1182050**	ORANGE	500
9019000000	500	0.5	20	**1161050**	WHITE	500
9019010000	500	0.5	20	**1181050**	WHITE	500
9019020000	500	0.5	20	**11101050**	WHITE	500
9019030000	500	0.75	20	**1161075**	GREY	500
9019040000	500	0.75	20	**1181075**	GREY	500
9019050000	500	0.75	20	**11101075**	GREY	500
9019060000	500	0.75	20	**11121075**	GREY	500
9019070000	500	1	18	**1161010**	RED	500
9019080000	500	1	18	**1181010**	RED	500
9019100000	500	1	18	**11101010**	RED	500
9019110000	500	1	18	**11121010**	RED	500
9019120000	500	1.5	16	**1181015**	BLACK	500
9019130000	500	1.5	16	**11101015**	BLACK	500
9019140000	500	1.5	18	**11121015**	BLACK	500
9019150000	500	1.5	16	**11181015**	BLACK	500
9019160000	500	2.5	14	**1181025**	BLUE	500
9019160000	500	2.5	14	**1182025**	BLUE	500
9019170000	500	2.5	14	**11121025**	BLUE	500
9019170000	500	2.5	14	**11122025**	BLUE	500
9019180000	500	2.5	14	**11181025**	BLUE	500
9019180000	500	2.5	14	**11182025**	BLUE	500
9019190000	500	4	12	**11101040**	GREY	500
9019190000	500	4	12	**11102040**	GREY	500
9019200000	500	4	12	**11121040**	GREY	500
9019200000	500	4	12	**11122040**	GREY	500
9019210000	500	4	12	**11181040**	GREY	500
9019210000	500	4	12	**11182040**	GREY	500
9019220000	100	6	10	**11121060**	YELLOW	100
9019230000	100	6	10	**11181060**	YELLOW	100
9019240000	100	10	8	**11121100**	RED	100
9019250000	100	10	8	**11181100**	RED	100
9019260000	100	16	6	**11121160**	BLUE	100
9019270000	100	16	6	**11181160**	BLUE	100
9019280000	50	25	4	**11161250**	YELLOW	50
9019300000	50	25	4	**11221250**	YELLOW	50
9019310000	50	35	2	**11161350**	RED	50
9019330000	50	35	2	**11251350**	RED	50
9019340000	50	50	1	**11201500**	BLUE	50
9021010000	500	0.25	24	**11610025**	YELLOW	500
9021020000	500	0.25	24	**11810025**	YELLOW	500
9021030000	500	0.75	20	**1163075**	BLUE	500
9021040000	500	0.75	20	**1183075**	BLUE	500
9021050000	500	0.75	20	**11103075**	BLUE	500
9021060000	500	0.75	20	**11123075**	BLUE	500
9021070000	500	2.5	14	**1183025**	GREY	500
9021080000	500	2.5	14	**11123025**	GREY	500

WEIDMULLER				AMERICAN ELECTRICAL		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
9021090000	500	2.5	14	**11183025**	GREY	500
9021100000	500	4	12	**11103040**	ORANGE	500
9021110000	500	4	12	**11123040**	ORANGE	500
9021120000	100	4	12	**11183040**	ORANGE	100
9021130000	100	6	10	**11123060**	GREEN	100
9021140000	100	6	10	**11183060**	GREEN	100
9021150000	100	10	8	**11123100**	BROWN	100
9021160000	100	10	8	**11183100**	BROWN	100
9021170000	100	16	6	**11123160**	WHITE	100
9021180000	100	16	6	**11183160**	WHITE	100
9021190000	50	25	4	**11163250**	BLACK	50
9021200000	50	25	4	**11253250**	BLACK	50
9025740000	500	0.25	24	**11620025**	BLUE	500
9025750000	500	0.34	24	**1162034**	TURQ	500
9025760000	500	0.25	24	**11820025**	BLUE	500
9025770000	500	0.34	24	**1182034**	TURQ	500
9025860000	500	0.75	20	**11102075**	WHITE	500
9025870000	500	0.5	20	**11102050**	ORANGE	500
9025910000	500	0.75	20	**11122075**	WHITE	500
9025930000	500	1	18	**11122010**	YELLOW	500
9025950000	500	1	18	**11102010**	YELLOW	500
9028200000	25	70	1/0	**11202700**	YELLOW	25
9028210000	25	95	3/0	**11252950**	RED	25
9028230000	25	150	300MCM	**113221500**	YELLOW	25
9028250000	500	0.14	26	**1163014**	BROWN	500
0124300000	500	16	6	**1215116**		250
0124400000	250	25	4	**1215125**		100
0124700000	500	6	10	**121510600**		1000
0124800000	500	10	8	**1215110**		500
0186100000	1000	2.5	14	**121210250**		1000
0186500000	1000	1.5	16	**121010150**		1000
0191900000	500	6	10	**121210600**		1000
0244100000	1000	4	12	**121210400**		1000
0282600000	1000	0.5	20	**12610050**		1000
0282700000	1000	0.75	20	**12610075**		1000
0282800000	1000	1	18	**121010100**		1000
0282900000	500	10	8	**1212110**		500
0368900000	100	35	2	**1218135**		100
3726000000	1000	1	18	**12610100**		1000
0372700000	1000	1.5	16	**12710150**		1000
0373000000	1000	2.5	14	**12710250**		1000
0373100000	500	4	12	**12910400**		1000
0375200000	100	16	6	**1218116**		250
0375300000	100	25	4	**1218125**		100
0379300000	500	10	8	**1218110**		500
0492500000	500	16	6	**1212116**		250
0542500000	1000	0.75	20	**121010075**		1000
9004050000	1000	0.5	20	**121010050**		1000
9004060000	1000	1.5	16	**121210150**		1000
9004070000	1000	1.5	16	**121810150**		1000
9004080000	1000	2.5	14	**121010250**		1000
9004090000	1000	2.5	14	**121810250**		1000
9004100000	1000	4	12	**121510400**		1000
9004110000	1000	4	12	**121810400**		1000
9004120000	1000	6	10	**121010600**		1000
9004130000	1000	6	10	**121810600**		1000
9004150000	250	16	6	**1225116**		250
9004160000	250	16	6	**1232116**		250
9004170000	100	25	4	**1225125**		100
9004180000	100	25	4	**1232125**		100
9004190000	100	35	2	**1225135**		100
9004200000	100	35	2	**1232135**		100
9004210000	100	50	1	**1218150**		100
9004220000	100	50	1	**1232150**		100
9018910000	1000	0.25	26	**12510025**		1000
9025880000	100	50	1	**1225150**		100

Weiland				American Electrical		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
31700	50	25	4	**11162250**	BROWN	50
31710	50	25	4	**11222250**	BROWN	50
31720	50	35	2	**11162350**	BEIGE	50
31730	50	35	2	**11252350**	BEIGE	50
40950	500	0.5	20	**1162050**	ORANGE	500
40960	500	0.75	20	**1162075**	WHITE	500
40970	500	1	18	**1162010**	YELLOW	500
44420	50	50	1	**11202500**	OLIVE	50
46290	500	0.75	20	**1182075**	WHITE	500
46300	500	1	16	**1182010**	YELLOW	500
46310	500	1.5	16	**1182015**	RED	500
53350	100	6	10	**11122060**	BLACK	100
53420	100	10	8	**11122100**	IVORY	100
56560	500	1.5	16	**11182015**	RED	500
56570	100	6	10	**11182060**	BLACK	100
56580	100	10	8	**11182100**	BEIGE	100
56590	100	16	6	**11122160**	GREEN	100
56600	100	16	6	**11182160**	GREEN	100
63510	500	1.5	16	**11102015**	RED	500
69070	500	0.5	20	**1182050**	ORANGE	500
133310	500	2.5	14	**1181025**	BLUE	500
901900	500	0.5	20	**1161050**	WHITE	500
901901	500	0.5	20	**1181050**	WHITE	500
901902	500	0.5	20	**11101050**	WHITE	500
901903	500	0.75	20	**1161075**	GREY	500
901904	500	0.75	20	**1181075**	GREY	500
901905	500	0.75	20	**11101075**	GREY	500
901906	500	0.75	20	**11121075**	GREY	500
901907	500	1	18	**1161010**	RED	500
901908	500	1	18	**1181010**	RED	500
901910	500	1	18	**11101010**	RED	500
901911	500	1	18	**11121010**	RED	500
901912	500	1.5	16	**1181015**	BLACK	500
901913	500	1.5	16	**11101015**	BLACK	500
901915	500	1.5	16	**11181015**	BLACK	500
901916	500	2.5	14	**1181025**	BLUE	500
901916	500	2.5	14	**1182025**	BLUE	500
901917	500	2.5	14	**11121025**	BLUE	500
901917	500	2.5	14	**11122025**	BLUE	500
901918	500	2.5	14	**11181025**	BLUE	500
901918	500	2.5	14	**11182025**	BLUE	500
901919	500	4	12	**11101040**	GREY	500
901919	500	4	12	**11102040**	GREY	500
901920	500	4	12	**11121040**	GREY	500
901920	500	4	12	**11122040**	GREY	500
901921	500	4	12	**11181040**	GREY	100
901921	500	4	12	**11182040**	GREY	100
901922	100	6	10	**11121060**	YELLOW	100
901923	100	6	10	**11181060**	YELLOW	100
901924	100	10	8	**11121100**	RED	100
901925	100	10	8	**11181100**	RED	100
901926	100	16	6	**11121160**	BLUE	100
901927	100	16	6	**11181160**	BLUE	100
901928	50	25	4	**11161250**	YELLOW	50
901930	50	25	4	**11221250**	YELLOW	50
901931	50	35	2	**11161350**	RED	50
901933	50	35	2	**11251350**	RED	50
901934	50	50	1	**11201500**	BLUE	50
902101	500	0.25	24	**11610025**	YELLOW	500
902103	500	0.75	20	**1163075**	BLUE	500
902104	500	0.75	20	**1183075**	BLUE	500
902105	500	0.75	20	**11103075**	BLUE	500
902106	500	0.75	20	**11123075**	BLUE	500
902107	500	2.5	14	**1183025**	GREY	500
902108	500	2.5	14	**11123025**	GREY	500
902109	500	2.5	14	**11183025**	GREY	500
902110	500	4	12	**11103040**	ORANGE	500

Weiland				American Electrical		
Part #	Pcs./bag	mm	AWG	Part #	Color	Pcs./bag
902111	500	4	12	**11123040**	ORANGE	500
902112	100	4	12	**11183040**	ORANGE	100
902113	100	6	10	**11123060**	GREEN	100
902114	100	6	10	**11183060**	GREEN	100
902115	100	10	8	**11123100**	BROWN	100
902116	100	10	8	**11183100**	BROWN	100
902117	100	16	6	**11123160**	WHITE	100
902118	100	16	6	**11183160**	WHITE	100
902119	50	25	4	**11163250**	BLACK	50
902120	50	25	4	**11253250**	BLACK	50
902574	500	0.25	24	**11620025**	BLUE	500
902575	500	0.34	24	**1162034**	TURQ	500
902576	500	0.25	24	**11820025**	BLUE	500
902577	500	0.34	24	**1182034**	TURQ	500
902586	500	0.75	20	**11102075**	WHITE	500
902587	500	0.5	20	**11102050**	ORANGE	500
902591	500	0.75	20	**11122075**	WHITE	500
902593	500	1	18	**11122010**	YELLOW	500
902595	500	1	18	**11102010**	YELLOW	500
902603	500	0.34	24	**1161034**	TURQ	500
12430	500	16	6	**1215116**		250
12440	250	25	4	**1215125**		100
12470	500	6	10	**121510600**		1000
12480	500	10	8	**1215110**		500
18610	1000	2.5	14	**121210250**		1000
18650	1000	1.5	16	**121010150**		1000
19190	500	6	10	**121210600**		1000
24410	1000	4	12	**121210400**		1000
28260	1000	0.5	20	**12610050**		1000
28270	1000	0.75	20	**12610075**		1000
28280	1000	1	18	**121010100**		1000
28290	500	10	8	**1212110**		500
36890	100	35	2	**1218135**		100
37260	1000	1	18	**12610100**		1000
37270	1000	1.5	16	**12710150**		1000
37300	1000	2.5	14	**12710250**		1000
37310	500	4	12	**12910400**		1000
37520	100	16	6	**1218116**		250
37530	100	25	4	**1218125**		100
37930	500	10	8	**1218110**		500
49250	500	16	6	**1212116**		250
54250	1000	0.75	20	**121010075**		1000
900405	1000	0.5	20	**121010050**		1000
900406	1000	1.5	16	**121210150**		1000
900407	1000	1.5	16	**121810150**		1000
900408	1000	2.5	14	**121010250**		1000
900409	1000	2.5	14	**121810250**		1000
900410	1000	4	12	**121510400**		1000
900411	1000	4	12	**121810400**		1000
900412	1000	6	10	**121010600**		1000
900413	1000	6	10	**121810600**		1000
900415	250	16	6	**1225116**		250
900416	250	16	6	**1232116**		250
900417	100	25	4	**1225125**		100
900418	100	25	4	**1232125**		100
900419	100	35	2	**1225135**		100
900420	100	35	2	**1232135**		100
900421	100	50	1	**1218150**		100
900422	100	50	1	**1232150**		100
901891	1000	0.25	26	**12510025**		1000
902588	100	50	1	**1225150**		100

Wire Ferrule Crimping Solutions: Hand, Pneumatic and Automatic Tools

American Electrical has a wide range of low cost, high quality hand, pneumatic and automatic tools for crimping wire ferrules, stripping and cutting wire.

We offer both Pneumatic and Electrical equipment to help combat the fatigue and the high labor associated with crimping wire ferrules. Our pneumatic crimpers cover from 24 AWG to 8 AWG and come in a lightweight handheld or "handsfree" bench model. The Crimp Max operates on 120 VAC and will strip and crimp wires in 1.5 seconds. It weighs only 26 pounds, portable enough to support locations at the factory floor and rugged enough to withstand it.

All of our tools are made from the highest quality materials for longevity and accurate crimping.

Trap 24 - 10

Trapezoid crimping
with ratchet, side entry
Range: 24-10 AWG (0.25-6.0 mm²) for single conductor ferrules
20-14 AWG (0.5-2.5 mm²) for twin ferrules (two wires)
Length: 7.5 inches (190 mm)
Weight: 12.3 ounces (350 g)

Trap 26 - 10 F

Trapezoid crimping
with ratchet, front entry
Universal Die
Range: 24-10 AWG (0.25-6.0 mm²) for single conductor ferrules
20-14 AWG (0.5-2.5 mm²) for twin ferrules (two wires)
Length: 8.7 inches (220 mm)
Weight: 15.1 ounces (430 g)

Trap 22 - 10

Trapezoid crimping
with ratchet, side entry
Universal Die
Range: 22-10 AWG (0.5-6.0 mm²) for single conductor ferrules
20-14 AWG (0.5-2.5 mm²) for
Length: 8.25 inches (209 mm)
Weight: 14.8 ounces (460 g)

Trap 8 - 4

Trapezoid crimping
with ratchet, side entry
Range: 8-4 AWG (10.0-25.0 mm²)
Length: 8.7 inches (220 mm)
Weight: 18.7 ounces (530 g)

Trap 2 - 1

Trapezoid crimping
with ratchet, side entry
Range: 2-1 AWG (35.0-50.0 mm²)
Length: 8.7 inches (220 mm)
Weight: 18.7 ounces (530 g)

Trap 8 - 1

Trapezoid crimping
with ratchet, side entry
Range: 8-1 AWG (10.0-50.0 mm²) for single conductor ferrules
12-6 AWG (4.0-16.0 mm²) for twin ferrules (two wires)
Length: 13.4 inches (340 mm)
Weight: 28.1 ounces (800 g)

Ferrule Crimping Tools

Trap 24 - 14 L

Trapezoid crimping
no ratchet, side entry
Range: 24-14 AWG (0.25-2.5 mm²)
Length: 5.9 inches (150 mm)
Weight: 5.6 ounces (160 g)

IND 20 - 6 L

Indent crimping
no ratchet, side entry
Range: 20-6 AWG (0.5-16.0 mm²)
for single conductor ferrules
20-10 AWG (0.5-6.0 mm²)
for twin ferrules
Length: 9.1 inches (230 mm)
Weight: 8.8 ounces (250 g)

SQ 28 - 10

Square crimping
with ratchet, side entry
Universal die
Range: 28-8 AWG (0.25-6.0 mm²)
for single conductor ferrules
20-14 AWG (0.5-2.5 mm²)
for twin ferrules
Length: 7.1 inches (180 mm)
Weight: 13.7 ounces (390 g)

Trap 12 - 8 TW

Trapezoid crimping
with ratchet, side entry
for twin ferrules
Range: 12-8 AWG (4.0-10.0 mm²)
Length: 8.7 inches (220 mm)
Weight: 18.7 ounces (530 g)

Stcr 20-14

STRIP FERRULE STRIPPER & CRIMPER

Trapezoid Crimper
Crimps Strip Ferrules
0.5 – 2.5 mm²
20 – 14 AWG
Easily Strips Cables
Cable Cutter Located on Top

Cable Stripper

Strip 28 - 10

Wire insulation stripper
with wire cutter
- Range: 28-10 AWG (0.08-6.0 mm²)
- Length: 8.1 inches (205 mm)
- Weight: 7.0 ounces (200 g)

Cable Cutter

Cut 6

Cable cutter
- Range: 6 AWG (16.0 mm²) maximum
- Length: 6.5 inches (165 mm)
- Weight: 4.2 ounces (120 g)

Crimping Tool for Wire Lugs

Lug 20 - 10

Crimping tool
for insulated wire lugs
- Range: 20-10 AWG (0.5-6.0 mm²)
- Length: 8.7 inches (220mm)
- Weight: 18.3 ounces (520 g)

Ferrule Crimper for Large Wires

VICE 70150

Trapezoid Vice Crimper
Crimps Ferrules
- 70-150 mm²
- 1/0 AWG - 300 MCM

Fits Standard Bench Mounted Vice
Spring Loaded For Easy Retraction
Composed Of Stainless Steel
Four Individual Dies

Crimp-Max MC 25

Automatic Ferrule
Stripping & Crimping Machine For 20 AWG to 14 AWG Wires

Your Efficient Helper for Stripping & Crimping Insulated Wire Ferrules

- The MC 25 at 26 pounds (12 kg) is a very light machine. It can be easily transported to various work stations.
- It does not require pressurized air, but only a 120 V Standard Power connection.
- It takes only 1.5 seconds to strip and crimp the individual wires.
- The MC 25 processes wire ferrule sizes 20 AWG to 14 AWG (0.5 to 2.5 square millimeters) in the standard length of 8 mm.
- You can change the crimp mechanism for the size of the ferrules in a matter of seconds without any additional tools - simply snap it in and it is ready to go.
- All the crimp mechanisms necessary are clearly laid out in the case provided.
- An advanced microprocessor-controlled cam drive ensures reliable operation.
- The wire ferrules in reel form are fed via a dispenser fitted to the right side of the machine for easy hands free operation.
- The insulated ferrules used for this machine come in 1000 piece or 500 piece reels (taped mounted) packaged in a compact cardboard case and are fed into the machine automatically.
- The machine has an integral reel holder which keeps the ferrules in place during operation.
- Video of operation available at www.americanelectrical.com.
- One year warranty–must use AEI ferrules. (Blades and normal wear and tear not covered.)

MC 25 Technical Data

Power Supply:	120 VAC / 60 Hz
Power Consumption:	80 VA
Operating Range:	20 - 14 AWG (0.5 - 2.5 mm^2)
Wire Ferrules:	In accordance with DIN 46 228 Part 4 tape mounted
Crimp Type:	Trapezoidal
Cycle:	1.5 seconds, approximately
Control:	Microprocessor-controlled Cam Drive
Unit Counter:	LCD Display
Changing	
Crimp Mechanism:	Under 10 seconds
Dimensions (W x H x D):	6.5 x 10.6 x 12.6 inches (165 x 270 x 320 mm)
Weight:	26 pounds (12 kg)

Wire Ferrules on Reels

For use with MC 25

Size mm^2	Length mm	Part No.	Color Code DIN	Part No.	Color Code T	Part No.	Color Code W	Pieces per Box
0.50	8	MC1050	white	MC3050	white	MC2050	orange	1000
0.75	8	MC1075	grey	MC3075	blue	MC2075	white	1000
1.00	8	MC1100	red	MC3100	red	MC2100	yellow	1000
1.50	8	MC1150	black	MC3150	black	MC2150	red	1000
2.50	8	MC1250	blue	MC3250	grey	MC2250	blue	500

MC 40

Automatic Processing of Wire Ferrules

MC 40 Technical Data

Cross-section	0.5 – 1.5 mm²
Cycle time	1 s
Crimp length	8 mm
Power supply	230V / 50Hz (115V / 60Hz)
Compressed air connection	60-90 PSI
Dimensions (L x W x H)	15.9 x 9.5 x 19.29 inches (405 x 240 x 490 mm)
Weight	63.9 pounds (29 kg)

* Optional add-on kit for processing cross-sections of .25, .34, 2.5, & 4 mm²

MC 40L

Efficient Processing of Wire Ferrules

MC 40L Technical Data

Cross-section	4 / 6 / 10 mm²
Cycle time	1.5 s
Crimp length	10 mm (4 & 6 mm²) & 12 mm (10 mm²)
Power supply	230V / 50Hz (115V / 60Hz)
Compressed air connection	60-90 PSI
Dimensions (L x W x H)	15.9 x 9.5 x 19.29 inches (405 x 240 x 490 mm)
Weight	63.9 pounds (29 kg)

CS 60

Wire Stripper

CS 60 Technical Data

Working cross-section	0.08 – 6 mm² / AWG 32 – 10
Max. cable diameter	6 mm
Stripping length	3 – 20 mm
Partial stripping length	2 – 20 mm
Feed-in length + stripping length	15 mm + X
Cycle time (full strip)	0.3 sec
Stripping blade	V – Form
Power supply	230V / 50Hz (115V / 60 Hz)
Dimensions (L x W x H)	14.29 x 5.5 x 8.7 inches (363 x 141 x 221 mm)
Weight	21 pounds (9.5 kg)

EC 65

Electric Crimper

EC 65 Technical Data

Max. press capacity	10 kN
Cycle time	1 s
Power supply	230V / 50Hz (115V / 60Hz)
Power consumption	160 VA
Weight	22 pounds (10 kg)
Dimensions (L x W x H)	12.5 x 8.6 x 5.5 inches (320 x 220 x 140 mm)

Features

Hand and Bench models available
Crimping range 24-8 AWG
Operates with pressurized air
Easy to use and portable

PC 24 - 14 B

Bench-crimper - complete with pneumatic foot pedal
Trapezoid crimping
Side and front insertion
Universal - die
Range 24-14 AWG (0.25-2.50 mm²)

Length:	7.9 inches (200 mm)
Weight:	35.2 ounces (1000 g)
Pressure:	58 psi (4 bar)

PC 24 - 14 H

Hand-crimper
Trapezoid crimping
Side and front insertion
Universal - die
Range 24-14 AWG (0.25-2.50 mm²)

Length:	7.9 inches (200 mm)
Weight:	35.2 ounces (1000 g)
Pressure:	58 psi (4 bar)

PC 12 - 8 B

Bench-crimper - complete with pneumatic foot pedal
Trapezoid crimping
Side entry
Range 12-8 AWG (4-10 mm²)

Length:	7.9 inches (200 mm)
Weight:	15.1 ounces (430 g)
Pressure:	58 psi (4 bar)

PC 12 - 8 H

Hand-crimper
Trapezoid crimping
Side entry
Range 12-8 AWG (4-10 mm²)

Length:	7.9 inches (200 mm)
Weight:	15.1 ounces (430 g)
Pressure:	58 psi (4 bar)

Accessory Equipment:

PC - 1	Balancer
PC - 2	Magnetic tool holder

LC 100, Automatic Wire Cutter

Features

Cuts 28 – 8 AWG Wires
Weighs Only 25 lbs.
1 Year Warranty
Fully Programmable, Length and Number of Cuts

Technical Data

Dimensions	7.6 x 11.8 x 8.9"
Weight	24.3 pounds
Cutting capacity	
Fine wire	0.08 – 10 mm^2, 28 – 8 AWG
Single wire	0.08 – 2.5 mm^2, 28 – 8 AWG
Max Diameter	8 MM
Feed Speed	Max 0.5 M/S, 20"/Second
Unit of Measure	MM and Inches
Interface	RS232
Cross Section Setting	Automatic

DIN Rail

We offer a complete line of slotted or solid DIN Rail – 35mm x 15mm, 35mm x 7.5mm) in 1 or 2 meter lengths. DIN Rail mounts in a variety of enclosures and junction boxes.

DIN Rail saves space since it organizes terminals in a set pattern. DIN Rail saves time since many other control components can be mounted on the same rail – no components are direct mounted – ultimately saving our customers money.

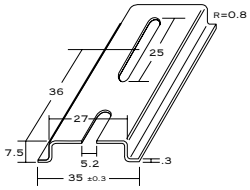
Our DIN Rail is made of Steel and zinc plated finish, which is the Industry Standard and also RoHS compliant. As always, our rails are not marked with a company name and are CE approved.

Features

- Steel design
- Zinc plating, white
- 2 Meter Length
- Competitive Pricing
- Industry standard materials
- CE approved
- No Markings On Rail

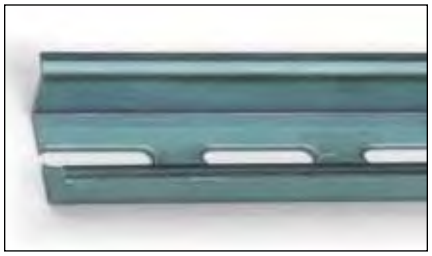
SLOTTED

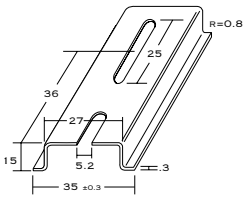
35 mm x 7.5 mm
Slotted
Standard Pack: 40



TS3575SL
TS3575SL1

35 mm x 15 mm
Slotted
Standard Pack: 20

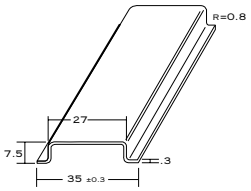




TS3515SL

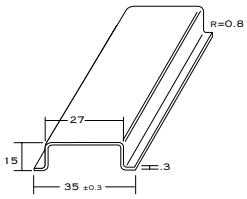
SOLID

35 mm x 7.5 mm
Solid
Standard Pack: 40



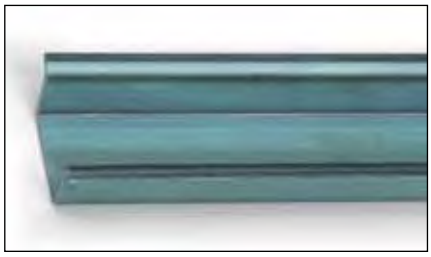
TS3575SOL

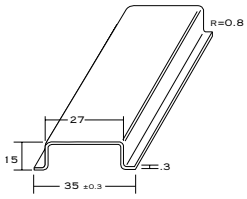
35 mm x 15 mm
solid
Standard Pack: 20



TS3515SOL

35 mm x 15 mm
solid
Standard Pack: 20





TS3515SOLH

Din Rail Cross Reference

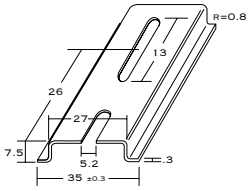
American Electrical	TS3575SL	TS3575SOL	TS3515SL	TS3515SOL	TS3515SOLH
Entrelec	173220.05	174300.17	101598.26	168700.22	168500.12
Phoenix Contact	801733	801681	1201730	1201717	–
Wago	210-112	210-113	210-197	210-114	210-118
Weidmuller	51450	38340	23650	23640	49800
Wieland	98.300.10000.0	98.300.10000.0	98.300.10000.0	98.300.10000.0	98.300.10000.0

DIN Rail Aluminum

Features

Lightweight Aluminum
1 Meter Length
Competitive Pricing
Standard Pack Of 40
No Markings On Rail

35 mm x 7.5 mm
Slotted
Standard Pack: 40



TS3575SL1-A

DIN Rail Cutter

TS 3 CUT

Features

Cuts 35x15, 35x7.5 And 15mm DIN Rail
No Deburring Necessary. Clean Cuts
Little Force Required For Operation
Fast, Accurate Cuts
Integrated 1 Meter Measuring Stick Included

Technical Data

Length stop:	max. 1000 mm
Dimensions:	1090 (l) x 150 (w) x 760 (d) mm
	43 (l) x 6 (w) x 30 (d) inches
Weight:	18 lbs, 8.3 kg

DIN Rail Mounted Power Supplies

American Electrical has two lines of DIN Rail Power Supplies to choose from. All are 120VAC in and 24VDC out (other voltage outputs may be ordered, please call us). We also have 3-phase Power Supplies up to 480VAC in and 24VDC out.

All Power Supplies are UL listed and EMI/RFI approved.

45 Watts, 1.875 Amps, 24VDC

Features

UL508 Listed
Installs easily on DIN rail TS35 x 7.5 and 15mm
Fixed switching frequency at 100KHz
LED power on indicator
Free air convection cooling
100% full load burn-in test
1 year warranty

Technical Data

Part Number	**DR-45-24**
AC Input voltage range	85 – 265VAC; 120-370VDC
DC Adjustment Range	±10% rated output voltage
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over voltage Protection	115% - 135% rated output voltage
Setup, Rise, Hold Up Time	800ms, 60ms, 50ms at full load and 230VAC
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute
Working Temperature	0 - 45°C@100%, -10°C@80%, 50°C@80% load
Safety Standards	UL508, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	78 x 93 x 67mm

75 Watts, 3.125 Amps, 24VDC

Features

UL508 Listed
Installs easily on DIN rail TS35 x 7.5 and 15mm
Fixed switching frequency at 50KHz
LED power on indicator
Free air convection cooling
100% full load burn-in test
1 year warranty

Technical Data

Part Number	**DR-75-24**
AC Input voltage range	85 – 265VAC; 120-370VDC
DC Adjustment Range	12V: 12-14V, 24V: 24-28V, 48V: 48-53V
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over voltage Protection	121% - 142% rated output voltage
Setup, Rise, Hold Up Time	1000ms, 60ms, 50ms at full load and 230VAC
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute
Working Temperature	-10°C – 60°C
Safety Standards	UL508, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	55.5 X 125.2 x 100mm

120 Watts, 5 Amps, 24VDC

Features

AC input selected by switch
Installs easily on DIN rail TS35 x 7.5 and 15mm
Fixed switching frequency at 55KHz
LED power on indicator
Free air convection cooling
100% full load burn-in test
1 year warranty

Technical Data

Part Number	**DR-120-24**
AC Input voltage range	88 – 132VAC; 176 - 264VAC Selected by switch
DC Adjustment Range	12V: 12-14V, 24V: 24-28V, 48V: 48-53V
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over voltage Protection	120% - 140% rated output voltage
Setup, Rise, Hold Up Time	500ms, 70ms, 30ms at full load and 230VAC
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute
Working Temperature	-10°C – 60°C
Safety Standards	UL508, UL60950-1, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	65.5 X 125.2 x 100mm

240 Watts, 10 Amps, 24VDC

Features

- Universal AC input/full range
- PF>0.98@115VAC, >0.95@230VAC
- Installs easily on DIN rail TS35 x 7.5 and 15mm
- Fixed switching frequency at 100KHz
- LED power on indicator
- Free air convection cooling
- 100% full load burn-in test
- 1 year warranty

Technical Data

Part Number	**DRP-240-24**
AC Input voltage range	85 – 264VAC; 120 – 370VDC
DC Adjustment Range	24V: 24-28V
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over voltage Protection	30 – 36V
Setup, Rise, Hold Up Time	800ms, 40ms, 20ms at full load and 230VAC
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute
Working Temperature	-10°C – 55°C@100%, 70°C@60% Load
Safety Standards	UL508, UL60950-1, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11
ENV50204	
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	125.5 X 125.2 x 100mm

240 Watts Three Phase, 10 Amps, 24VDC

Features

Input 340-550VAC, 3 Phase 4 wires
High efficiency and low dissipation
Installs easily on DIN rail TS35 x 7.5 and 15mm
EN61000-6-2 industrial immunity level
Free air convection cooling
100% full load burn-in test
1 year warranty

Technical Data

Part Number	**DRT-240-24**
AC Input voltage range	340 – 550VAC; 3 phase 4 wires (Dual operation possible)
DC Adjustment Range	24V: 24-28V
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over Voltage Protection	30 – 36V
Over Temp. Protection	Shut down output voltage, recovers auto
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute
Working Temperature	-20°C – 70°C
Safety Standards	UL508, UL60950-1, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3, EN61204-3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11 ENV50204
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	125.5 X 125.2 x 100mm

480 Watts Three Phase, 20 Amps, 24VDC

Features

Input 340-550VAC, 3 Phase 4 wires
High efficiency up to 90%
Installs easily on DIN rail TS35 x 7.5 and 15mm
EN61000-6-2 industrial immunity level
Free air convection cooling
100% full load burn-in test
1 year warranty

Technical Data

Part Number	**DRT-480-24**
AC Input voltage range	340 – 550VAC; 3 phase 4 wires (Dual operation possible)
DC Adjustment Range	24V: 24-28V
Over Load Protection	105% - 150% constant current limiting, auto recovery
Over Voltage Protection	30 – 36V, AC recycle to restart
Over Temp. Protection	Shut down output voltage, recovers auto
Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG: 0.5KVAC, 1 minute
Working Temperature	-20°C – 70°C
Safety Standards	UL508, UL60950-1, TUV EN60950 1 approved
EMC Standards	EN55022 class B, EN61000-3-2,3, EN61204-3 EN61000-6-2, EN61000-4-2,3,4,5,6,8,11 ENV50204
Connection	I/P: 3 Poles, O/P: 4 poles screw DIN Terminal
Dimensions	227 X 125.2 x 100mm

Features

Wide Range	Compact Housing 20A, 3ph only 3.39 inches long horizontal Mounting up to 40A, 3 phase
Output	24V / 1.25 to 20A - Single phase 24V / 10, 20, and 40A - 3 phase
universal Input	115 / 230 VAC 3 X 340 / 550 VAC
Load Sharing	Parallel operation Redundancy
High Efficiency	Typical 90%
Increased Operating Temperature	100% at 140ºF
Status Indication	Power ON indication Overload Status LED
Touch Safe Power Entry	Covered power entry Convenient customer input terminals
Approvals	UL / CSA and EN 60950 EMC Certified

30 Watts, 1.25 Amps, 24VDC

Technical Data Slimline

Part Number	**F2400125**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	1.25
Power (Watts)	30
Dimensions (Inches)	1.77 X 12.83 x 4.13

120 Watts, 5 Amps, 24VDC

Technical Data Slimline

Part Number	**F240050S**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	5
Power (Watts)	120
Dimensions (Inches)	2.76 X 5.2 x 5.47

240 Watts, 10 Amps, 24VDC

Technical Data Slimline

Part Number	**F24010S**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	10
Power (Watts)	240
Dimensions (Inches)	2.76 X 5.81 x 6.46

* Indicates Standard Voltage Inputs

240 Watts, 10 Amps, 24VDC

Technical Data Slimline 3 Phase

Part Number	**F24010S-3**
AC Input voltage	3x 340-550
Phase	3
DC Output Voltage	24
Output Current (Amps)	10
Power (Watts)	240
Dimensions (Inches)	3.18 X 6.02 x 6.29

480 Watts, 20 Amps, 24VDC

Technical Data Slimline 3 Phase

Part Number	**F24020S-3**
AC Input voltage	3x 340-550
Phase	3
DC Output Voltage	24
Output Current (Amps)	20
Power (Watts)	480
Dimensions (Inches)	3.99 X 8.94 x 6.81

60 Watts, 2.5 Amps, 24VDC

Technical Data Horizontal

Part Number	**F240025**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	2.5
Power (Watts)	60
Dimensions (Inches)	4.25 X 4.84 x 2.56

120 Watts, 5 Amps, 24VDC

Technical Data Horizontal

Part Number	**F240050**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	5
Power (Watts)	120
Dimensions (Inches)	5.79 X 4.84 x 3.39

* Indicates Standard Voltage Inputs

240 Watts, 10 Amps, 24VDC

Technical Data Horizontal	
Part Number	**F24010**
AC Input voltage	115*/230
Phase	1
DC Output Voltage	24
Output Current (Amps)	10
Power (Watts)	240
Dimensions (Inches)	8.07 X 4.84 x 3.39

480 Watts, 20 Amps, 24VDC

Technical Data Horizontal	
Part Number	**F24020**
AC Input voltage	195-265
Phase	1
DC Output Voltage	24
Output Current (Amps)	20
Power (Watts)	480
Dimensions (Inches)	9.45 X 6.02 x 3.39

480 Watts, 20 Amps, 24VDC

Technical Data Horizontal 3 Phase	
Part Number	**F24020-3**
AC Input voltage	3x 340-550
Phase	3
DC Output Voltage	24
Output Current (Amps)	20
Power (Watts)	480
Dimensions (Inches)	9.45 X 6.02 x 3.39

960 Watts, 40 Amps, 24VDC

Technical Data Horizontal 3 Phase	
Part Number	**F24040-3**
AC Input voltage	3x 340-550
Phase	3
DC Output Voltage	24
Output Current (Amps)	40
Power (Watts)	960
Dimensions (Inches)	11.5 X 7.28 x 5.12

* Indicates Standard Voltage Inputs

DIN 120 GFCI

Features

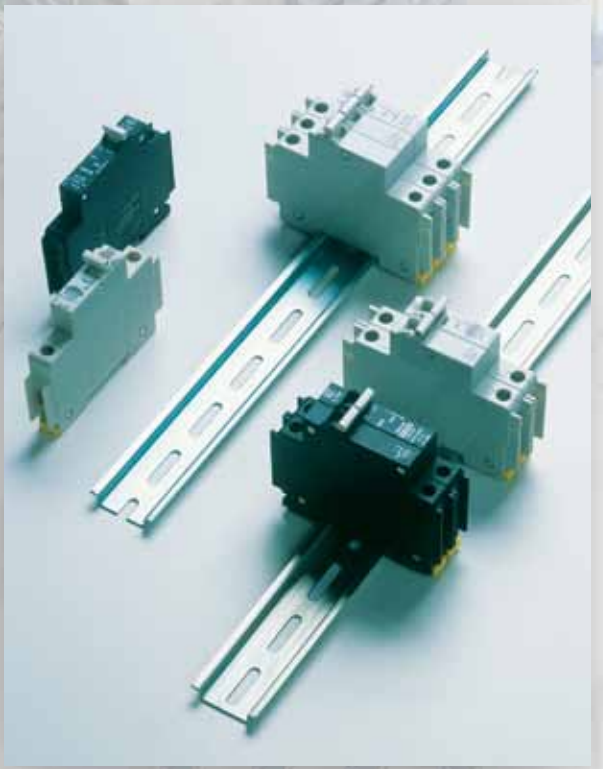
- Dual 120V AC Receptacle, DIN Rail Mounted
- 3 Foot, Hot/Neutral/Ground Cable
- Green LED for Power On Indication
- Current Rating, 20 A
- Ground Fault Circuit Protection with Reset
- DIN Rail & Direct Mountable
- Standard Receptacle Size
- All Components UL Approved

DIN Rail Mounted Circuit Breakers

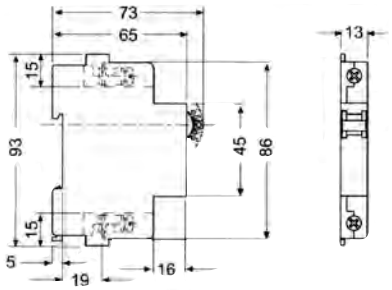
AEI carries a 13mm wide circuit breaker, the thinnest DIN Rail mounted on the market. We have three types of breakers. For AC circuitry we have UL 1077 and UL 489 (UL listed) rated breakers. For DC circuits we have a UL 489 A rated breaker.

Pole count and max. amperage is given below:

Circuit	Type	Max. Poles	Max. Amps
AC	UL 1077	3	50
AC	UL 489	2	25
DC	UL 489 A	1	50



UL 1077 Rated (AC voltage supplemental circuit protection)



Features

- UL 1077 Approved
- DIN Rail Mounted
- Compact 13 mm width
- One, Two & Three Pole
- Current Rating up to 50 A
- 100% Rating Capability
- Hydraulic-Magnetic Technology
- Trip Curve 2 standard

Technical Data

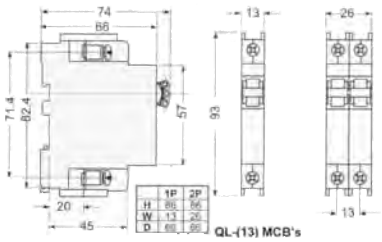
Numbers of Poles	1, 2 & 3
Maximum Voltage	277/480vac 50/60 Hz
Minimum Amp Rating	1 Amp
Maximum Amp Rating	50 Amp
Interrupting Cap.	5000A @ 120V
	1000A @ 277V
	1000A @ 480V
Dielectric Strength	1960V 50/60 Hz
Insulation Resistance	100 Mega Ohm
Operating Temp. Range	-40˚C to +60˚C

Part Numbering System

C___A__P

- No. of Poles: 1, 2 or 3
- Amperage:
  - e.g., 1 for 1 Amp, 15 for 15 Amp, etc.
  - Example: C10A1P = 10A single Pole Circuit Breaker

UL 489 Rated (AC voltage branch circuit protection)



Features

- UL 489 Approved
- DIN Rail Mounted
- Compact 13 mm width
- One & Two Pole only
- Current Rating up to 25 A
- 100% Rating Capability
- Hydraulic-Magnetic Technology
- Trip Curve KM standard

Technical Data

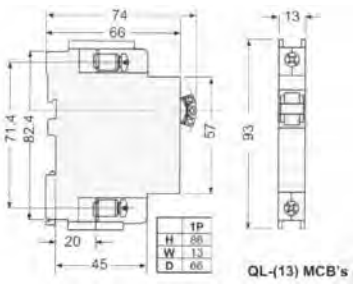
Numbers of Poles	1 and 2 pole only
Maximum Voltage	120/240vac 50/60 Hz
Minimum Amp Rating	1 Amp
Maximum Amp Rating	25 Amp
Interrupting Cap.	10,000 A
Dielectric Strength	1500V 50/60 Hz
Insulation Resistance	100 Mega Ohm
Operating Temp. Range	-40˚C to +60˚C

Part Numbering System

C___A__P-489

- No. of Poles: 1 or 2
- Amperage:
  - e.g., 1 for 1 Amp, 15 for 15 Amp, etc.
  - Example: C10A1P = 10A single Pole Circuit Breaker

UL 489A Rated (DC voltage branch circuit protection)



Features

- UL 489A
- DIN Rail Mounted
- Compact 13 mm width
- One Pole only
- Current Rating up to 50 A
- 100% Rating Capability
- Hydraulic-Magnetic Technology
- Trip Curve U2 standard

Technical Data

Numbers of Poles	1 only
Maximum Voltage	80 VDC
Minimum Amp Rating	1 Amp
Maximum Amp Rating	50 Amp
Interrupting Cap.	10,000A
Dielectric Strength	1500V 50/60 Hz
Insulation Resistance	100 Mega Ohm
Operating Temp. Range	-40˚C to +60˚C

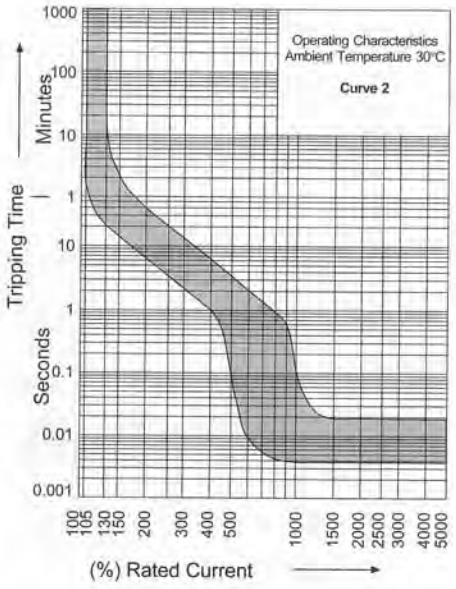
Part Numbering System

C___A1P-80VDC

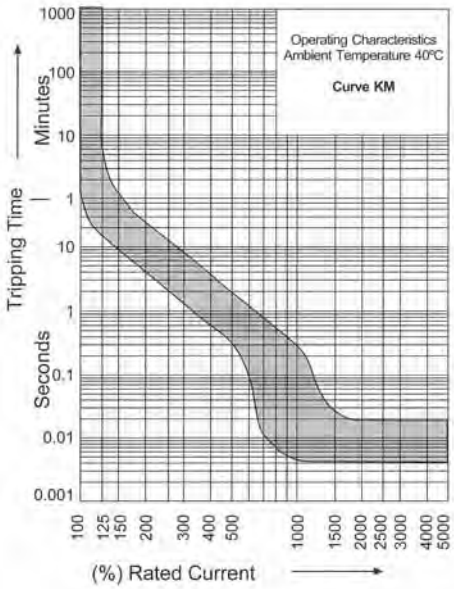
Amperage:
e.g., 1 for 1 Amp, 15 for 15 Amp, etc.
Example: C10A1P-80VDC = 10A UL489A Rated CB

Trip Curve

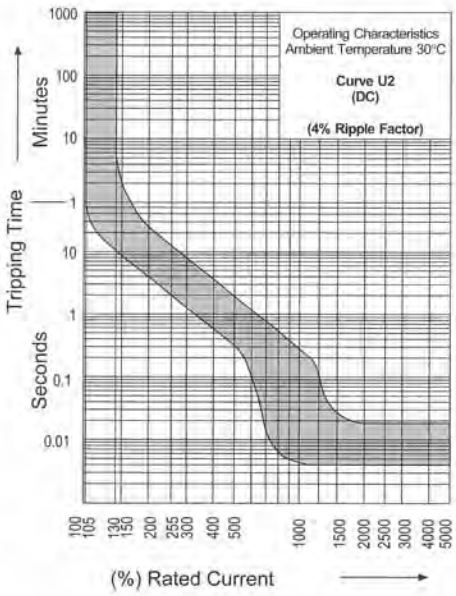
UL 1077 Rated Curve 2



UL 489 Rated Curve KM



UL 489A Rated curve U2



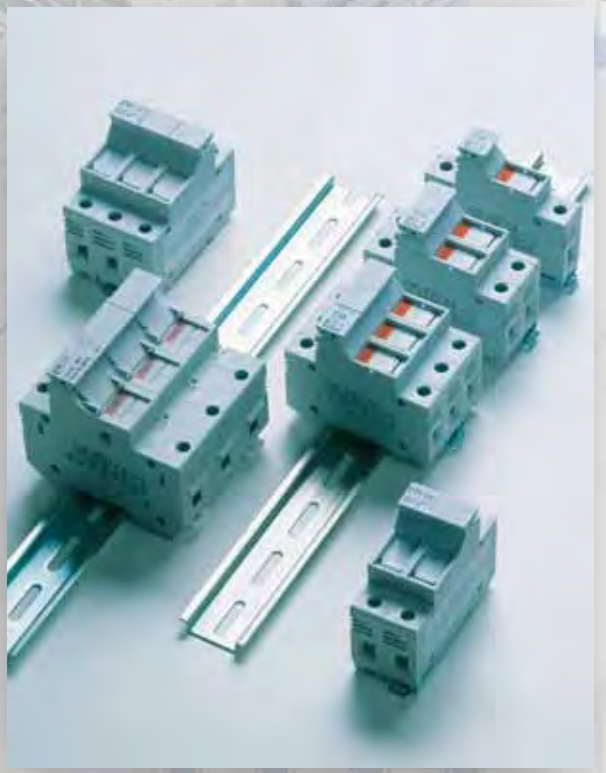
Trip Curve 3 and Trip Curve 9 available at www.americanelectrical.com.

DIN Rail Mounted Fuse Holders

Applications requiring circuit protection are often specified with fuses instead of circuit breakers. AEI offers fuse holders capable of protecting circuits utilizing the four main styles of fuses:

- 5x20mm and 5x25mm (see pages 44, 45, 46, 47, 86, 87)
- 1 1/4"x1/4" (see pages 48, 49, 88, 89)
- 1 1/2"x13/32" (see next section)
- 2"x1/2"(14x51mm) (see next section)

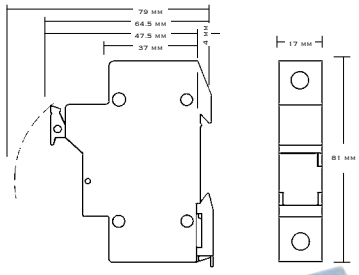
All of the above are available in standard fuse blocks or with "fuse blown" indication 24VDC and 110VAC circuits.



DIN Rail Mounted Fuse Holders

for 1.5" X 13/32" (10 x 38 mm) Fuses

Class CC rated



ASK 4

Features

Din rail mountable
both indicating and non indicating available
compact at 17mm width

Technical Data

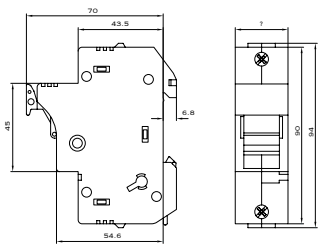
Numbers of Poles	1, 2 & 3
Voltage	50-600V
Amps	32 Amp
Wire Size AWG	26...6

Part Numbering System

No. of Poles	Indicator Type	Part Number
1	Non-Indicating	**2541000**
2	Non-Indicating	**2543000**
3	Non-Indicating	**2544000**
1	With Indicator	**2541100**
2	With Indicator	**2543100**
3	With Indicator	**2544100**

DIN Rail Mounted Fuse Holders

for 2" X 1/2" (14 X 51 mm) Fuses



ASK 6

Features

Din rail mountable
both indicating and non indicating available

Technical Data

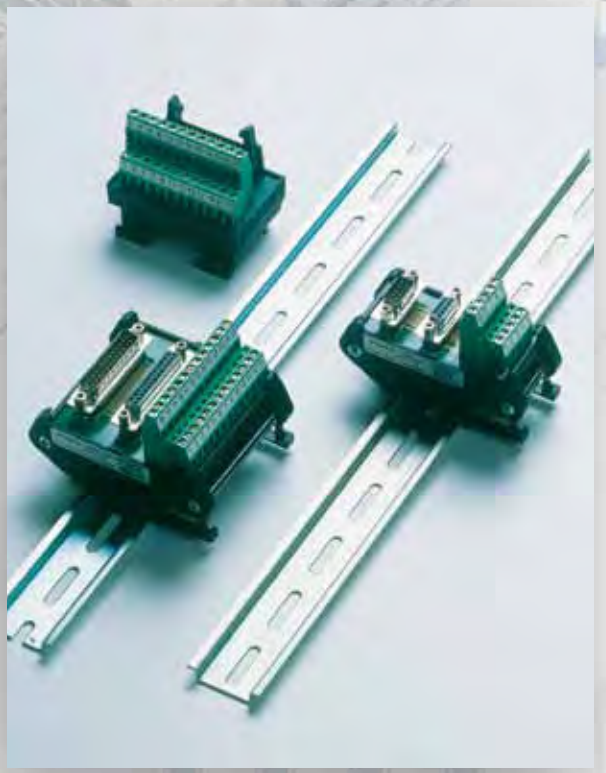
Numbers of Poles	1, 2 & 3
Voltage	600V
Amps	50 Amp
Wire Size AWG	26...6

Part Numbering System

No. of Poles	Indicator Type	Part Number
1	Non-Indicating	**2561000**
2	Non-Indicating	**2563000**
3	Non-Indicating	**2564000**
1	With Indicator	**2561100**
2	With Indicator	**2563100**
3	With Indicator	**2564100**

Din Rail Mounted Interface Modules

The AEI Interface Modules are available with D-subminiature or IDC connectors. These Interface Modules allow the users to attach field wiring and "plug and play" the Interface Module to the controller. Our D-sub modules come with both male and female connectors and IDC come with male only. We also offer two meter cables to complement the design.



D-Sub

Features

Maximum current: 1 A
Wire range: 22 - 14 AWG
Operating Temperature: -10°C to 50°C

Modules are designed with male and female connectors, 9, 15 or 25 pin options.

Technical Data - D-SUB

Part Number			
	DSUB-9-MF	**DSUB-15-MF**	**DSUB-25-MF**
Number of Channels			
	9	15	25
Dimensions			
	1.53 x 2.48 x 3.66"	1.93 x 2.48 x 3.66"	2.87 x 2.48 x 3.66"
	(39 x 63 x 93mm)	(49 x 63 x 93mm)	(73 x 63 x 93mm)

Cables - D-SUB
(Connectors on Both Ends)

Part Number			
	DSUB-9-MF-CBL	**DSUB-15-MF-CBL**	**DSUB-25-MF-CBL**
Cable Length			
	2 Meters	2 meters	2 Meters
Insulation Rating			
	300V 80°C	300V 80°C	300V 80°C
Conductor Size			
	#28 AWG	#28 AWG	#28 AWG

IDC

Features

Maximum voltage: 600V
Maximum current: 2 A
Wire range: 22 - 14 AWG
Contacts: copper alloy, tin lead plating
Tightening torque: 3.5 lb-in (0.4Nm)
Operating Temperature: -10°C to 50°C

Technical Data - IDC

Part Number			
	IDC-20-M	**IDC-24-M**	**IDC-40-M**
Number of Pins			
	20	24	40
Dimensions			
	2.26 x 1.85 x 2.17"	2.72 x 1.85 x 2.17"	4.47 x 1.85 x 2.17"
	(57.5 x 47 x 55mm)	(69 x 47 x 55mm)	(113.5 x 47 x 55mm)

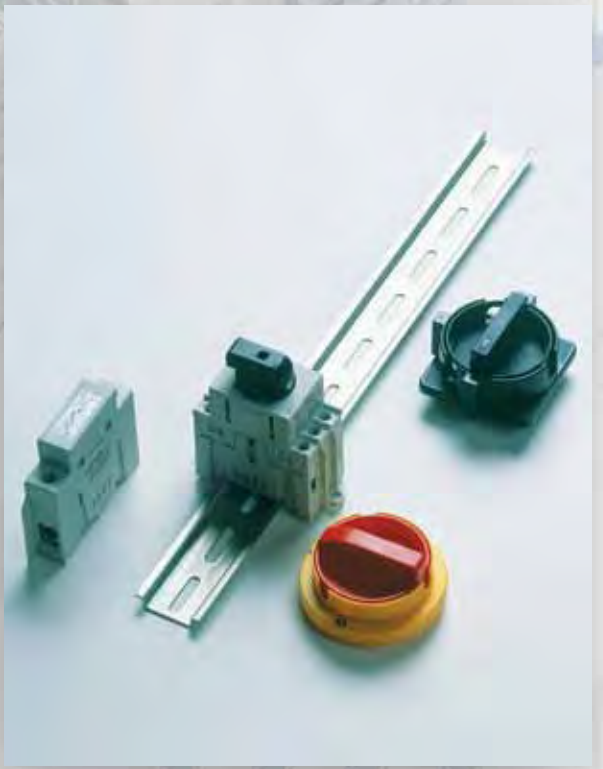
Cables - IDC
(Connectors on One End)

Part Number			
	IDC-20-M-CBL	**IDC-24-M-CBL**	
Cable Length			
	2 Meters	2 meters	
Insulation Rating			
	300V 80°C	300V 80°C	
Conductor Size			
	#24 AWG	#24 AWG	

Din Rail Mounted Disconnect Switches

AEI has two series of disconnect switches, ranging from 16 A to 125 A. Isolation of control equipment is an important design consideration. Our disconnect switches can provide isolation and lock out points for power supplies, transformers, small motors or any other types of controls.

Accessories, such as auxiliary contacts are used to electrically indicate the switch position. Remote operation shut offs and handles are offered for those designs that are through -panel.



DIN Rail Mounted Disconnect Switches

SD1 Series

Features

16-40 Amps

Allows breaking and disconnecting on load of equipment on low voltage at nominal current

Part Number				
Black	**19200-11**	**19201-11**	**19202-11**	**19203-11**
Red	**19210-11**	**19211-11**	**19212-11**	**19213-11**
Rated Current				
	16 A	25 A	32 A	40 A
Max Voltage				
	600 V	600 V	600 V	600 V
Short Circuit Rating				
	5 kA	5 kA	5 kA	5 kA
Maximum UL Horsepower 3-Phase (120V)				
	3	3	3	3
Wire Range				
	16 - 6 AWG	16 - 6 AWG	16 - 6 AWG	16 - 6 AWG
Tightening Torque				
	2 Nm	2 Nm	2 Nm	2 Nm

SD1 SERIES ACCESSORIES

PART NUMBER	DESCRIPTION
19440	Connector 6-8 Pole
19400-11	Door Interlock Handle Black
19401-11	Emergency Door Interlock Handle Red/Yellow
19535-100	Remote Operator Shaft 100mm Length
19535-200	Remote Operator Shaft 200mm Length
19535-300	Remote Operator Shaft 300mm Length
19414*	SD1 4th Pole
19423*	SD1 Aux Contact SPST
19421*	SD1 Ground Pole
19419*	SD1 Neutral Pole

*These modules integrate with the disconnect switch. They are separate components that screw into the main switches for additional applications.

DIN Rail Mounted Disconnect Switches

SD-2 Series

Features

63-125A

Allow breaking and disconnecting on load of equipment on low voltage at nominal current

Part Number				
Black	**19205-11**	**19206-11**	**19207-11**	**19208-11**
Red	**19215-11**	**19216-11**	**19217-11**	**19218-11**
Rated Current				
	63 A	80 A	100 A	125 A
Max Voltage				
	600 V	600 V	600 V	600 V
Short Circuit Rating				
	5 kA	5 kA	5 kA	5 kA
Maximum UL Horsepower 3-Phase (120V)				
	5	5	5	5
Wire Range				
	6 - 1 AWG	6 - 1 AWG	6 - 1 AWG	6 - 1 AWG
Tightening Torque				
	3.5 Nm	3.5 Nm	3.5 Nm	3.5 Nm

SD2 SERIES ACCESSORIES

PART NUMBER	DESCRIPTION
19440	Connector 6-8 Pole
19400-11	Door Interlock Handle Black
19401-11	Emergency Door Interlock Handle Red/Yellow
19535-100	Remote Operator Shaft 100mm Length
19535-200	Remote Operator Shaft 200mm Length
19535-300	Remote Operator Shaft 300mm Length
19418*	SD2 4th Pole
19429*	SD2 Aux Contact SPST
19422*	SD2 Ground Pole
19420*	SD2 Neutral Pole

*These modules integrate with the disconnect switch. They are separate components that screw into the main switches for additional applications.

Cable Grips

Cable Grips secure cables to control cabinets or junction boxes – providing strain relief and protection from the elements. They are made of metal (nickel plated brass) or plastic (nylon). Advantages exist for both types of cable grip with the nylon versions becoming more popular since they can provide the same level of protection against dust, debris and water as the metallic versions – for less cost and weight. Cable Grips are specified first by the cable diameter and second by thread type.

Cable Grips are available in three different thread types, PG (Panzer Gewinde, a German specified thread widely used in Europe), Metric and NPT (National Pipe Thread – used in USA). This is useful since most specifiers thread the cabinet holes so that the cable grip can be screwed into it for a more secure fit. Others simply knockout a hole and place the cable grip inside it.

Our Cable Grips are approved by UL and Lloyds of London and are rated IP 68, the highest Ingress Protection available. Ingress Protection consists of two numbers – the first between 0 and 6, indicating the resistance to particles and the second between 0 and 8, indicating resistance to water. Please see our charts on pages 164 and 165 explaining the IP system.

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Nickel-Plated Brass

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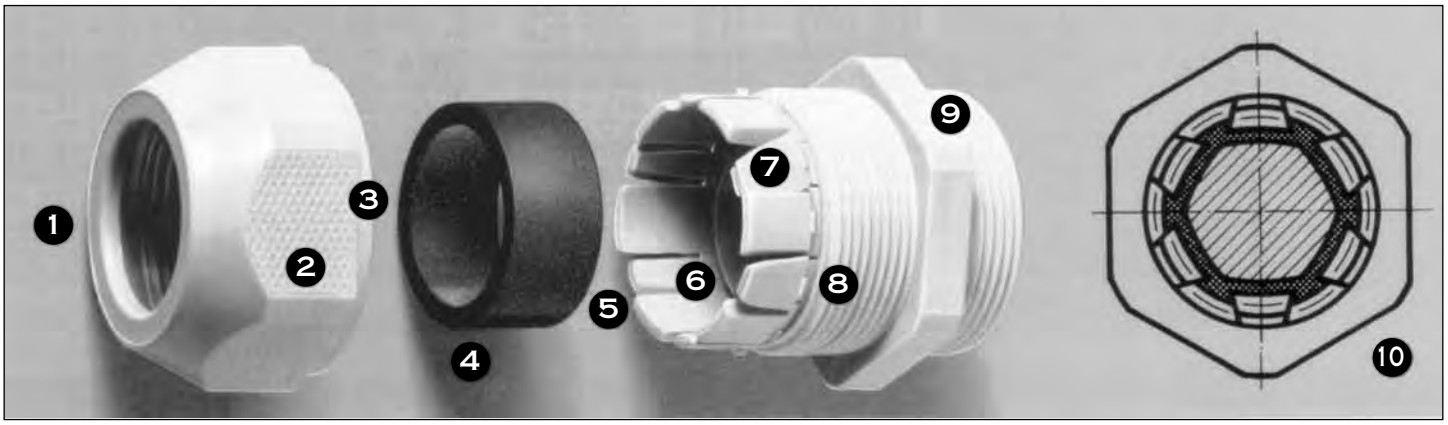


MAIN FEATURES: CABLE GRIPS

1. **Wider domed nut which can not be over-tightened.**
   The wide dome design allows space for the neoprene seal to form a tight grip on the cable, forming an IP68 barrier. (please refer to Ingress Protection [IP] ratings on the back page.)

2. **Generous deep flats**
   The deep flats allow enough room for the proper wrench to tighten or loosen the cable grip without the wrench coming off.

3. **Spacer**
   A small spacer exists between the domed nut and the locking collett, providing an additional seal when fully tightened.

4. **Neoprene rubber seal**
   This seal grips around the cable to form the IP68 barrier when properly tightened.

5. **Webs are staggered for better grip**
   Webs are designed in an alternating geometry which enhances gripping capability.

6. **Staggered webs**
   The web design is staggered to allow for seal conformity around the cable to maximize the pull out resistance and protection against the elements.

7. **Sprung webs**
   The webs are designed so that they will spring back to their original open position making installation easy while maintaining the seal quality.

8. **Retention springs for domed nut**
   The 'Tight Seal' design allows the domed nut to lock with the collett before any threads are engaged. This guards against misthreads as well as aids in the installation process.

9. **Sealing lip**
   The collett design incorporates a sealing lip which provides for a positive seal against the enclosure.

10. **Anti-Twist cable locking collett**
    The entire design of the 'Tight Seal' product line insures that cables will not twist or turn once locked down.

TECHNICAL DATA

Material:
Polyamide PA 6, self-extinguishing, halogen-free

Seal:
Neoprene, oil and petroleum resistant

Operating temperature:
Static: –40°C to 100°C, short-term 120°C
Dynamic: –30°C to 80°C, short-term 100°C

Weather resistance good

Strain relief:
Smooth action

Safety Class:
IP68, waterproof (5 bar)

Patents:
Europe, USA, Japan

VDE Test Report:
12 796-9000-4001/A 2 J.

UL test (Underwriters Laboratories Inc.)

Lloyd's Register of Shipping certificate

Germanische Lloyd certificate

Knockout Hole Reference Chart

PG	mm	inches
7	12.5	0.492
9	15.2	0.598
11	18.6	0.732
13.5	20.4	0.803
16	22.5	0.886
21	28.3	1.114
29	37	1.457
36	47	1.85
42	54	2.126
48	59.3	2.338

metric	mm	inches
12	12	0.472
16	16	0.63
20	20	0.787
25	25	0.984
32	32	1.26
40	40	1.575
50	50	1.969
63	63	2.48

Ingress Protection (IP) Ratings

List of Protection Classes

IP Protection Classes to DIN 40 050 Sheet 1

Up to 1000 VAC and 1500 VDC (UTE standard C 200 10)

IP ratings consist of a two digit number explained below:

The two digits correspond to the description by DIN 40 050 sheet 1, IEC 144 and 525 as well as UTE C 200 10.

1st Digit
Degree of Protection Against Touching and Foreign Matter

IP	Specifications
0	No protection.
1	Protection against penetration by solid foreign matters larger than 50 mm (accidental touching by hand).
2	Protection against penetration by solid foreign matters larger than 12 mm (touching with fingers).
3	Protection against penetration by solid foreign matters larger than 2.5 mm (touching with tools, wires larger than 2.5 mm).
4	Protection against solid foreign matters larger than 1 mm (touching with tools, wires larger than 1 mm).
5	Complete protection from being touched. Protection from harmful dust deposits - dust penetration is not completely prevented.
6	Complete protection from being touched. Protection against penetration by dust.

2nd Digit
Degree of Protection Against Water

IP	Specifications
0	No protection.
1	Protection against vertically dripping water.
2	Protection against drip water falling at an angle of up to 15 degrees.
3	Protection against spray water falling at an angle of up to 60 degrees.
4	Protection against spray water from all directions.
5	Protection against water jets from all directions
6	Protection against temporary flooding, e.g., by rough sea.
7	Protection when submersed in water at specified pressure and unspecified duration.
8	Protection when submersed in water at elevated pressure and unspecified time.
9K	Protection against the penetration of water during high pressure (80-100 bars), high temperature wash-down applications (80°C).

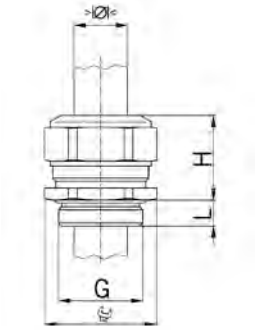
Use and Application of Nylon Cable Grips

1. **The use of synthetic - Cable Grips** is almost unlimited within the **electrical and electronics industry.** Installations where cables must be led safely through a wall of an enclosure will be specified with cable grips. Synthetic Cable grips are specified to:
   - **Secure the cable** to the enclosure's wall to provide excellent pull-out resistance.
   - **Seal and protect** the inside of the enclosure from the unwanted affects of the environment. These contaminants may be water, gas, chemicals vapors, or fumes.
   - **Reduce material cost due to use of lighter, less expensive materials, as well as, eliminating the need for running conduit.**

2. **Some of the typical applications using cable grips are:**
   - Machinery
   - Process equipment engineering
   - Apparatus and appliance construction
   - Aircraft and automotive engineering
   - Locomotive engineering
   - Elevator engineering
   - Plant engineering
   - Chemical and pharmaceutical industries
   - Refineries
   - Nuclear research institutions
   - Process automation and process engineering
   - Indoor and outdoor electrical installations
   - Switchgear and distribution construction
   - equipment for military purposes
   - municipal and utility type applications, such as power, electricity and gas works

Cable Glands Nickel-Plated Brass

Short entry thread metric



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS

One-piece sealing insert / overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	5	1	1060.06.025	50
M6x1.0	2.5	3.0	8	12	5	1	1060.06.030	50
M8x1.25	2.5	3.0	11	14	5	1	1060.08.030	50
M8x1.25	3.0	4.0	11	14	5	1	1060.08.040	50
M10x1.5	3.0	4.0	13	15	5	1	1060.10.040	50
M10x1.5	4.0	6.0	13	15	5	1	1060.10.060	50
M12x1.5	3.5	5.0	15	17	5	-	1060.12.050	50
M12x1.5	5.0	6.5	15	17	5	-	1060.12.065	50
M12x1.5	6.5	7.5	15	17	5	-	1060.12.075	50
M16x1.5	4.5	6.0	18	20	5	-	1060.17.060	50
M16x1.5	6.0	8.0	18	20	5	-	1060.17.080	50
M16x1.5	8.0	10.5	18	22	5	-	1060.17.105	50
M20x1.5	6.0	8.0	24	21	6	-	1060.20.080	50
M20x1.5	8.0	11.0	24	21	6	-	1060.20.110	50
M20x1.5	11.0	14.5	24	23	6	-	1060.20.145	50
M25x1.5	9.5	12.5	30	25	7	-	1060.25.125	25
M25x1.5	12.5	16.0	30	25	7	-	1060.25.160	25
M25x1.5	16.0	19.0	30	28	7	-	1060.25.190	25
M32x1.5	17.0	21.0	36	28	8	-	1060.32.210	25
M32x1.5	21.0	25.5	36	28	8	-	1060.32.255	25
M40x1.5	24.0	28.5	46	31	8	-	1060.40.285	10
M40x1.5	28.5	33.0	46	31	8	-	1060.40.330	10
M50x1.5	33.0	37.0	55	34	9	-	1060.50.370	10
M50x1.5	37.0	42.0	55	34	9	-	1060.50.420	10
M63x1.5	40.0	46.0	70	37	10	-	1060.63.460	5
M63x1.5	46.0	52.0	70	37	10	-	1060.63.520	5
M75x1.5	50.0	56.0	80	38	11	-	1060.75.560	1
M75x1.5	56.0	63.0	80	38	11	-	1060.75.630	1

1 = Metric coarse-pitch thread

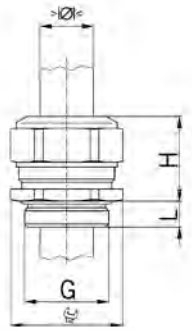
Progress MS

Two-piece sealing insert / overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	5	1060.17	50
M20x1.5	8.0	14.5	24	23	6	1060.20	50
M25x1.5	12.5	19.0	30	28	7	1060.25	25
M32x1.5	17.0	25.5	36	28	8	1060.32	25
M40x1.5	24.0	33.0	46	31	8	1060.40	10
M50x1.5	33.0	42.0	55	34	9	1060.50	10
M63x1.5	40.0	52.0	70	37	10	1060.63	5
M75x1.5	50.0	63.0	80	38	11	1060.75	1

short entry thread metric

Material:	Nickel-plated brass
Seal:	TPE / NBR
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS

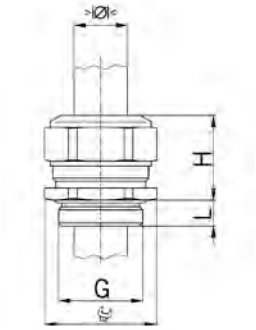
One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	5	1	**1000.06.025**	50
M6x1.0	2.5	3.0	8	12	5	1	**1000.06.030**	50
M6x1.0	3.0	3.5	8	12	5	1	**1000.06.035**	50
M8x1.25	2.5	3.5	11	14	5	1	**1000.08.035**	50
M8x1.25	3.5	5.0	11	14	5	1	**1000.08.050**	50
M10x1.5	3.0	4.0	13	15	5	1	**1000.10.040**	50
M10x1.5	4.0	6.0	13	15	5	1	**1000.10.060**	50
M12x1.5	3.5	5.0	15	17	5	-	**1000.12.050**	50
M12x1.5	5.0	6.5	15	17	5	-	**1000.12.065**	50
M12x1.5	6.5	8.0	15	17	5	-	**1000.12.080**	50
M16x1.5	3.5	4.5	18	20	5	-	**1000.17.045**	50
M16x1.5	4.5	6.0	18	20	5	-	**1000.17.060**	50
M16x1.5	6.0	8.0	18	20	5	-	**1000.17.080**	50
M16x1.5	8.0	10.5	18	22	5	-	**1000.17.105**	50
M20x1.5	6.0	8.0	24	21	6	-	**1000.20.080**	50
M20x1.5	8.0	11.0	24	21	6	-	**1000.20.110**	50
M20x1.5	11.0	15.0	24	23	6	-	**1000.20.150**	50
M25x1.5	9.5	12.5	30	25	7	-	**1000.25.125**	25
M25x1.5	12.5	16.0	30	27	7	-	**1000.25.160**	25
M25x1.5	16.0	20.5	30	28	7	-	**1000.25.205**	25
M32x1.5	14.0	17.0	36	28	8	-	**1000.32.170**	25
M32x1.5	17.0	21.0	36	28	8	-	**1000.32.210**	25
M32x1.5	21.0	25.5	36	28	8	-	**1000.32.255**	25
M40x1.5	20.0	24.0	46	31	8	-	**1000.40.240**	10
M40x1.5	24.0	28.5	46	31	8	-	**1000.40.285**	10
M40x1.5	28.5	33.0	46	31	8	-	**1000.40.330**	10
M50x1.5	29.0	33.0	55	34	9	-	**1000.50.330**	10
M50x1.5	33.0	37.0	55	34	9	-	**1000.50.370**	10
M50x1.5	37.0	42.0	55	34	9	-	**1000.50.420**	10
M63x1.5	35.0	40.0	70	37	10	-	**1000.63.400**	5
M63x1.5	40.0	46.0	70	37	10	-	**1000.63.460**	5
M63x1.5	46.0	52.0	70	37	10	-	**1000.63.520**	5
M75x1.5	45.0	50.0	80	38	11	-	**1000.75.500**	1
M75x1.5	50.0	56.0	80	38	11	-	**1000.75.560**	1
M75x1.5	56.0	63.0	80	38	11	-	**1000.75.630**	1
M85x2.0	63.0	70.0	95	41	18	-	**1000.85.700**	1
M95x2.0	68.0	75.0	110	51	20	-	**1000.95.750**	1
M95x2.0	73.0	80.0	110	51	20	-	**1000.95.800**	1
M100x3.0	78.0	85.0	115	51	22	-	**1000.100.850**	1
M105x3.0	83.0	90.0	120	52	22	-	**1000.105.900**	1
M115x3.0	88.0	95.0	125	52	22	-	**1000.115.950**	1

1 = Metric coarse-pitch thread

Cable Glands Nickel-Plated Brass

Short entry thread metric



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS

Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	5	**1000.17**	50
M20x1.5	8.0	15.0	24	23	6	**1000.20**	50
M25x1.5	12.5	20.5	30	28	7	**1000.25**	25
M32x1.5	17.0	25.5	36	28	8	**1000.32**	25
M40x1.5	24.0	33.0	46	31	8	**1000.40**	10
M50x1.5	33.0	42.0	55	34	9	**1000.50**	10
M63x1.5	40.0	52.0	70	37	10	**1000.63**	5
M75x1.5	50.0	63.0	80	38	11	**1000.75**	1

Long entry thread metric

Progress MS

One-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	8	1	**1160.06.025**	50
M6x1.0	2.5	3.0	8	12	8	1	**1160.06.030**	50
M8x1.25	2.5	3.0	11	14	10	1	**1160.08.030**	50
M8x1.25	3.0	4.0	11	14	10	1	**1160.08.040**	50
M10x1.5	3.0	4.0	13	15	10	1	**1160.10.040**	50
M10x1.5	4.0	6.0	13	15	10	1	**1160.10.060**	50
M12x1.5	3.5	5.0	15	17	10	-	**1160.12.050**	50
M12x1.5	5.0	6.5	15	17	10	-	**1160.12.065**	50
M12x1.5	6.5	7.5	15	17	10	-	**1160.12.075**	50
M16x1.5	8.0	10.5	18	22	10	-	**1160.17.105**	50
M20x1.5	11.0	14.5	24	23	10	-	**1160.20.145**	50
M25x1.5	16.0	19.0	30	28	11	-	**1160.25.190**	25
M32x1.5	21.0	25.5	36	28	13	-	**1160.32.255**	25
M40x1.5	28.5	33.0	46	34	13	-	**1160.40.330**	10
M50x1.5	37.0	42.0	55	34	14	-	**1160.50.420**	10
M63x1.5	46.0	52.0	70	37	14	-	**1160.63.520**	5
M75x1.5	56.0	63.0	80	38	15	-	**1160.75.630**	1

1 = Metric coarse-pitch thread

Progress MS

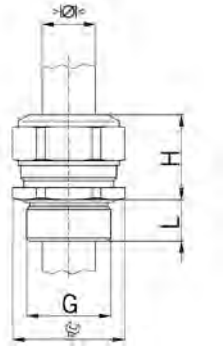
Two-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	10	**1160.17**	50
M20x1.5	8.0	14.5	24	23	10	**1160.20**	50
M25x1.5	12.5	19.0	30	28	11	**1160.25**	25
M32x1.5	17.0	25.5	36	28	13	**1160.32**	25
M40x1.5	24.0	33.0	46	31	13	**1160.40**	10
M50x1.5	33.0	42.0	55	34	14	**1160.50**	10
M63x1.5	40.0	52.0	70	37	14	**1160.63**	5
M75x1.5	50.0	63.0	80	38	15	**1160.75**	1

Cable Glands Nickel-Plated Brass

LONG ENTRY THREAD METRIC

MATERIAL:	NICKEL-PLATED BRASS
SEAL:	TPE
O-RING:	NBR
STRAIN RELIEF:	ACCORDING TO EN 50262 VERSION A
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68 (UP TO 10 BAR)
PROTECTION TYPE ADDITION:	IP 69K



PROGRESS MS

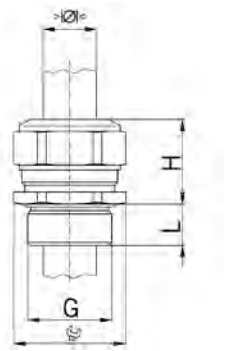
ONE-PIECE SEALING INSERT / NOT OVERALL LENGTH INSULATED

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	PART. NO.	
M6x1.0	2.0	2.5	8	12	8	1	**1100.06.025**	50
M6x1.0	2.5	3.0	8	12	8	1	**1100.06.030**	50
M6x1.0	3.0	3.5	8	12	8	1	**1100.06.035**	50
M8x1.25	2.5	3.5	11	14	10	1	**1100.08.035**	50
M8x1.25	3.5	5.0	11	14	10	1	**1100.08.050**	50
M10x1.5	3.0	4.0	13	15	10	1	**1100.10.040**	50
M10x1.5	4.0	6.0	13	15	10	1	**1100.10.060**	50
M12x1.5	3.5	5.0	15	17	10	-	**1100.12.050**	50
M12x1.5	5.0	6.5	15	17	10	-	**1100.12.065**	50
M12x1.5	6.5	8.0	15	17	10	-	**1100.12.080**	50
M16x1.5	3.5	4.5	18	20	10	-	**1100.17.045**	50
M16x1.5	4.5	6.0	18	20	10	-	**1100.17.060**	50
M16x1.5	6.0	8.0	18	20	10	-	**1100.17.080**	50
M16x1.5	8.0	10.5	18	22	10	-	**1100.17.105**	50
M20x1.5	6.0	8.0	24	21	10	-	**1100.20.080**	50
M20x1.5	8.0	11.0	24	21	10	-	**1100.20.110**	50
M20x1.5	11.0	15.0	24	23	10	-	**1100.20.150**	50
M25x1.5	9.5	12.5	30	25	11	-	**1100.25.125**	25
M25x1.5	12.5	16.0	30	27	11	-	**1100.25.160**	25
M25x1.5	16.0	20.5	30	28	11	-	**1100.25.205**	25
M32x1.5	14.0	17.0	36	28	13	-	**1100.32.170**	25
M32x1.5	17.0	21.0	36	28	13	-	**1100.32.210**	25
M32x1.5	21.0	25.5	36	28	13	-	**1100.32.255**	25
M40x1.5	20.0	24.0	46	31	13	-	**1100.40.240**	10
M40x1.5	24.0	28.5	46	31	13	-	**1100.40.285**	10
M40x1.5	28.5	33.0	46	31	13	-	**1100.40.330**	10
M50x1.5	29.0	33.0	55	34	14	-	**1100.50.330**	10
M50x1.5	33.0	37.0	55	34	14	-	**1100.50.370**	10
M50x1.5	37.0	42.0	55	34	14	-	**1100.50.420**	10
M63x1.5	35.0	40.0	70	37	14	-	**1100.63.400**	5
M63x1.5	40.0	46.0	70	37	14	-	**1100.63.460**	5
M63x1.5	46.0	52.0	70	37	14	-	**1100.63.520**	5
M75x1.5	45.0	50.0	80	38	15	-	**1100.75.500**	1
M75x1.5	50.0	56.0	80	38	15	-	**1100.75.560**	1
M75x1.5	56.0	63.0	80	38	15	-	**1100.75.630**	1

1 = METRIC COARSE-PITCH THREAD

Cable Glands Nickel-Plated Brass

LONG ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

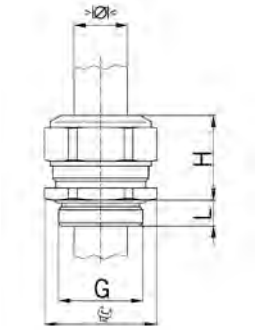
Progress MS

Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	10	**1100.17**	50
M20x1.5	8.0	15.0	24	23	10	**1100.20**	50
M25x1.5	12.5	20.5	30	28	11	**1100.25**	25
M32x1.5	17.0	25.5	36	28	13	**1100.32**	25
M40x1.5	24.0	33.0	46	31	13	**1100.40**	10
M50x1.5	33.0	42.0	55	34	14	**1100.50**	10
M63x1.5	40.0	52.0	70	37	14	**1100.63**	5
M75x1.5	50.0	63.0	80	38	15	**1100.75**	1

short entry thread pg

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS

One-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	17	6.0	**1060.07.050**	50
Pg 7	5.0	6.5	15	17	6.0	**1060.07.065**	50
Pg 7	6.5	7.5	15	17	6.0	**1060.07.075**	50
Pg 9	4.5	6.0	18	20	6.0	**1060.09.060**	50
Pg 9	6.0	8.0	18	20	6.0	**1060.09.080**	50
Pg 9	8.0	10.5	18	22	6.0	**1060.09.105**	50
Pg 11	4.0	5.5	21	21	6.0	**1060.11.055**	50
Pg 11	5.5	8.5	21	21	6.0	**1060.11.085**	50
Pg 11	8.5	12.0	21	21	6.0	**1060.11.120**	50
Pg 13	6.0	8.0	24	21	6.0	**1060.13.080**	50
Pg 13	8.0	11.0	24	21	6.0	**1060.13.110**	50
Pg 13	11.0	14.5	24	23	6.0	**1060.13.145**	50
Pg 16	6.0	8.0	24	23	6.0	**1060.16.080**	50
Pg 16	8.0	11.0	24	23	6.0	**1060.16.110**	50
Pg 16	11.0	14.5	24	23	6.0	**1060.16.145**	50
Pg 21	9.5	12.5	30	28	7.5	**1060.21.125**	25
Pg 21	12.5	16.0	30	28	7.5	**1060.21.160**	25
Pg 21	16.0	19.0	30	28	7.5	**1060.21.190**	25
Pg 29	19.0	23.0	38	28	8.0	**1060.29.230**	25
Pg 29	23.0	27.5	38	28	8.0	**1060.29.275**	25
Pg 36	26.0	30.5	50	32	8.0	**1060.36.305**	10
Pg 36	30.5	35.0	50	32	8.0	**1060.36.350**	10
Pg 42	33.0	37.0	55	34	10.0	**1060.42.370**	10
Pg 42	37.0	42.0	55	34	10.0	**1060.42.420**	10
Pg 48	37.0	43.0	65	37	11.0	**1060.48.430**	10
Pg 48	43.0	49.0	65	37	11.0	**1060.48.490**	10

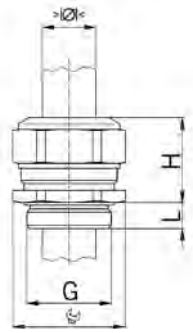
Progress MS

Two-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	6.0	**1060.09**	50
Pg 11	5.5	12.0	21	21	6.0	**1060.11**	50
Pg 13	8.0	14.5	24	23	6.0	**1060.13**	50
Pg 16	8.0	14.5	24	23	6.0	**1060.16**	50
Pg 21	12.5	19.0	30	28	7.5	**1060.21**	25
Pg 29	19.0	27.5	38	28	8.0	**1060.29**	25
Pg 36	26.0	35.0	50	32	8.0	**1060.36**	10
Pg 42	33.0	42.0	55	34	10.0	**1060.42**	10
Pg 48	37.0	49.0	65	37	11.0	**1060.48**	10

Cable Glands Nickel-Plated Brass

SHORT ENTRY THREAD PG



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	17	6.0	1000.07.050	50
Pg 7	5.0	6.5	15	17	6.0	1000.07.065	50
Pg 7	6.5	8.0	15	17	6.0	1000.07.080	50
Pg 9	3.5	4.5	18	20	6.0	1000.09.045	50
Pg 9	4.5	6.0	18	20	6.0	1000.09.060	50
Pg 9	6.0	8.0	18	20	6.0	1000.09.080	50
Pg 9	8.0	10.5	18	22	6.0	1000.09.105	50
Pg 11	4.0	5.5	21	21	6.0	1000.11.055	50
Pg 11	5.5	8.5	21	21	6.0	1000.11.085	50
Pg 11	8.5	12.0	21	21	6.0	1000.11.120	50
Pg 13	6.0	8.0	24	21	6.0	1000.13.080	50
Pg 13	8.0	11.0	24	21	6.0	1000.13.110	50
Pg 13	11.0	15.0	24	23	6.0	1000.13.150	50
Pg 16	6.0	8.0	24	23	6.0	1000.16.080	50
Pg 16	8.0	11.0	24	23	6.0	1000.16.110	50
Pg 16	11.0	15.0	24	23	6.0	1000.16.150	50
Pg 21	9.5	12.5	30	28	7.5	1000.21.125	25
Pg 21	12.5	16.0	30	28	7.5	1000.21.160	25
Pg 21	16.0	20.5	30	28	7.5	1000.21.205	25
Pg 29	16.0	19.0	38	28	8.0	1000.29.190	25
Pg 29	19.0	23.0	38	28	8.0	1000.29.230	25
Pg 29	23.0	27.5	38	28	8.0	1000.29.275	25
Pg 36	21.5	26.0	50	32	8.0	1000.36.260	10
Pg 36	26.0	30.5	50	32	8.0	1000.36.305	10
Pg 36	30.5	35.0	50	32	8.0	1000.36.350	10
Pg 42	29.0	33.0	55	34	10.0	1000.42.330	10
Pg 42	33.0	37.0	55	34	10.0	1000.42.370	10
Pg 42	37.0	42.0	55	34	10.0	1000.42.420	10
Pg 48	32.0	37.0	65	37	11.0	1000.48.370	10
Pg 48	37.0	43.0	65	37	11.0	1000.48.430	10
Pg 48	43.0	49.0	65	37	11.0	1000.48.490	10

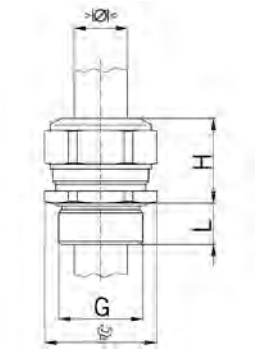
Progress MS

Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	6.0	1000.09	50
Pg 11	5.5	12.0	21	21	6.0	1000.11	50
Pg 13	8.0	15.0	24	23	6.0	1000.13	50
Pg 16	8.0	15.0	24	23	6.0	1000.16	50
Pg 21	12.5	20.5	30	28	7.5	1000.21	25
Pg 29	19.0	27.5	38	28	8.0	1000.29	25
Pg 36	26.0	35.0	50	32	8.0	1000.36	10
Pg 42	33.0	42.0	55	34	10.0	1000.42	10
Pg 48	37.0	49.0	65	37	11.0	1000.48	10

LONG ENTRY THREAD PG

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS

One-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	5.0	6.5	15	17	10	**1160.07.065**	50
Pg 7	6.5	7.5	15	17	10	**1160.07.075**	50
Pg 9	8.0	10.5	18	22	10	**1160.09.105**	50
Pg 11	8.5	12.0	21	21	10	**1160.11.120**	50
Pg 13	11.0	14.5	24	23	10	**1160.13.145**	50
Pg 16	11.0	14.5	24	23	10	**1160.16.145**	50
Pg 21	16.0	19.0	30	28	12	**1160.21.190**	25
Pg 29	23.0	27.5	38	28	12	**1160.29.275**	25
Pg 36	30.5	35.0	50	32	15	**1160.36.350**	10
Pg 42	37.0	42.0	55	32	15	**1160.42.420**	10
Pg 48	43.0	49.0	65	37	15	**1160.48.490**	10

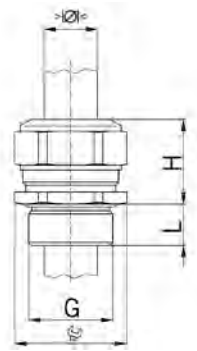
Progress MS

Two-piece sealing insert / overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	10	**1160.09**	50
Pg 11	5.5	12.0	21	21	10	**1160.11**	50
Pg 13	8.0	14.5	24	23	10	**1160.13**	50
Pg 16	8.0	14.5	24	23	10	**1160.16**	50
Pg 21	12.5	19.0	30	28	12	**1160.21**	25
Pg 29	19.0	27.5	38	28	12	**1160.29**	25
Pg 36	26.0	35.0	50	32	15	**1160.36**	10
Pg 42	33.0	42.0	55	34	15	**1160.42**	10
Pg 48	37.0	49.0	65	37	15	**1160.48**	10

Cable Glands Nickel-Plated Brass

LONG ENTRY THREAD PG



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS

One-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	17	10	1100.07.050	50
Pg 7	5.0	6.5	15	17	10	1100.07.065	50
Pg 7	6.5	8.0	15	17	10	1100.07.080	50
Pg 9	3.5	4.5	18	20	10	1100.09.045	50
Pg 9	4.5	6.0	18	20	10	1100.09.060	50
Pg 9	6.0	8.0	18	20	10	1100.09.080	50
Pg 9	8.0	10.5	18	22	10	1100.09.105	50
Pg 11	4.0	5.5	21	21	10	1100.11.055	50
Pg 11	5.5	8.5	21	21	10	1100.11.085	50
Pg 11	8.5	12.0	21	21	10	1100.11.120	50
Pg 13	6.0	8.0	24	21	10	1100.13.080	50
Pg 13	8.0	11.0	24	21	10	1100.13.110	50
Pg 13	11.0	15.0	24	23	10	1100.13.150	50
Pg 16	6.0	8.0	24	23	10	1100.16.080	50
Pg 16	8.0	11.0	24	23	10	1100.16.110	50
Pg 16	11.0	15.0	24	23	10	1100.16.150	50
Pg 21	9.5	12.5	30	28	12	1100.21.125	25
Pg 21	12.5	16.0	30	28	12	1100.21.160	25
Pg 21	16.0	20.5	30	28	12	1100.21.205	25
Pg 29	16.0	19.0	38	28	12	1100.29.190	25
Pg 29	19.0	23.0	38	28	12	1100.29.230	25
Pg 29	23.0	27.5	38	28	12	1100.29.275	25
Pg 36	21.5	26.0	50	32	15	1100.36.260	10
Pg 36	26.0	30.5	50	32	15	1100.36.305	10
Pg 36	30.5	35.0	50	32	15	1100.36.350	10
Pg 42	29.0	33.0	55	34	15	1100.42.330	10
Pg 42	33.0	37.0	55	34	15	1100.42.370	10
Pg 42	37.0	42.0	55	34	15	1100.42.420	10
Pg 48	32.0	37.0	65	37	15	1100.48.370	10
Pg 48	37.0	43.0	65	37	15	1100.48.430	10
Pg 48	43.0	49.0	65	37	15	1100.48.490	10

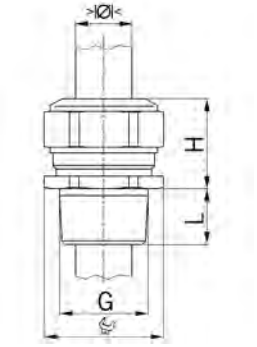
Progress MS

Two-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	10	1100.09	50
Pg 11	5.5	12.0	21	21	10	1100.11	50
Pg 13	8.0	15.0	24	23	10	1100.13	50
Pg 16	8.0	15.0	24	23	10	1100.16	50
Pg 21	12.5	20.5	30	28	12	1100.21	25
Pg 29	19.0	27.5	38	28	12	1100.29	25
Pg 36	26.0	35.0	50	32	15	1100.36	10
Pg 42	33.0	42.0	55	34	15	1100.42	10
Pg 48	37.0	49.0	65	37	15	1100.48	10

ENTRY THREAD NPT

Material:	Nickel-plated brass
Seal:	TPE
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Entry thread:	IP 68, if the entry thread is sealed



Progress NPT

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
NPT 1/8"	3.0	4.0	13	15	8	1000.1/8NPT.040	50
NPT 1/8"	4.0	6.0	13	15	8	1000.1/8NPT.060	50
NPT 1/4"	3.5	5.0	15	17	12	1000.1/4NPT.050	50
NPT 1/4"	5.0	6.5	15	17	12	1000.1/4NPT.065	50
NPT 1/4"	6.5	8.0	15	17	12	1000.1/4NPT.080	50
NPT 3/8"	3.5	4.5	18	20	12	1000.3/8NPT.045	50
NPT 3/8"	4.5	6.0	18	20	12	1000.3/8NPT.060	50
NPT 3/8"	6.0	8.0	18	20	12	1000.3/8NPT.080	50
NPT 3/8"	8.0	10.5	18	22	12	1000.3/8NPT.105	50
NPT 1/2"	6.0	8.0	24	21	15	1000.1/2NPT.080	50
NPT 1/2"	8.0	11.0	24	21	15	1000.1/2NPT.110	50
NPT 1/2"	11.0	15.0	24	23	15	1000.1/2NPT.150	50
NPT 3/4"	9.5	12.5	30	28	15	1000.3/4NPT.125	25
NPT 3/4"	12.5	16.0	30	28	15	1000.3/4NPT.160	25
NPT 3/4"	16.0	20.5	30	28	15	1000.3/4NPT.205	25
NPT 1"	14.0	17.0	36	28	20	1000.1NPT.170	25
NPT 1"	17.0	21.0	36	28	20	1000.1NPT.210	25
NPT 1"	21.0	25.5	36	28	20	1000.1NPT.255	25
NPT 1 1/4"	20.0	24.0	46	31	20	1000.11/4NPT.240	10
NPT 1 1/4"	24.0	28.5	46	31	20	1000.11/4NPT.285	10
NPT 1 1/4"	28.5	33.0	46	31	20	1000.11/4NPT.330	10
NPT 1 1/2"	29.0	33.0	55	34	22	1000.11/2NPT.330	10
NPT 1 1/2"	33.0	37.0	55	34	22	1000.11/2NPT.370	10
NPT 1 1/2"	37.0	41.0	55	34	22	1000.11/2NPT.410	10
NPT 2"	35.0	40.0	70	37	22	1000.2NPT.400	5
NPT 2"	40.0	46.0	70	37	22	1000.2NPT.460	5
NPT 2"	46.0	52.0	70	37	22	1000.2NPT.520	5

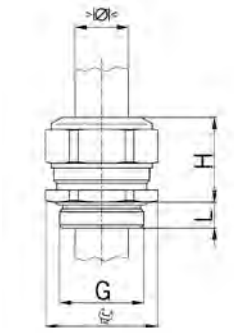
Progress NPT

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	6.0	10.5	18	22	12	1000.3/8NPT	50
NPT 1/2"	8.0	15.0	24	23	15	1000.1/2NPT	50
NPT 3/4"	12.5	20.5	30	28	15	1000.3/4NPT	25
NPT 1"	17.0	25.5	36	28	20	1000.1NPT	25
NPT 1 1/4"	24.0	33.0	46	31	20	1000.11/4NPT	10
NPT 1 1/2"	33.0	41.0	55	34	22	1000.11/2NPT	10
NPT 2"	40.0	52.0	70	37	22	1000.2NPT	5

Cable Glands Nickel-Plated Brass

gas-pipe entry thread



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Two-piece sealing insert / not overall length insulated

G	min mm	max mm	mm	H mm	L mm	info	Part. no.	
G 3/8"	5.5	12.0	21	21	6	-	**1000.3/8G**	50
G 1/2"	8.0	15.0	24	23	8	-	**1000.1/2G**	50
G 3/4"	12.5	20.5	30	28	10	-	**1000.3/4G**	25
G 1"	17.0	25.5	36	28	11	-	**1000.1G**	25
G 11/2"	25.0	35.0	55/50	32	12	-	**1000.11/2G**	10
G 2"	37.0	49.0	65	37	12	-	**1000.2G**	10
G 2 1/2"	45.0	50.0	80	38	18	1	**1000.21/2G.500**	1
G 2 1/2"	50.0	56.0	80	38	18	1	**1000.21/2G.560**	1
G 3"	56.0	63.0	80	38	18	1	**1000.3G.630**	1
G 3"	63.0	70.0	95	40	18	1	**1000.3G.700**	1

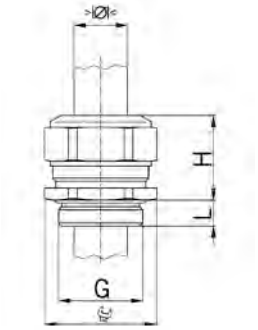
1 = One-piece sealing insert

Cable Glands Nickel-Plated Brass

for High Temperature Applications

SHORT ENTRY THREAD METRIC

Material:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	5	1	**1000.06.91.025**	50
M6x1.0	2.5	3.0	8	12	5	1	**1000.06.91.030**	50
M6x1.0	3.0	3.5	8	12	5	1	**1000.06.91.035**	50
M8x1.25	2.5	3.5	11	14	5	1	**1000.08.91.035**	50
M8x1.25	3.5	5.0	11	14	5	1	**1000.08.91.050**	50
M10x1.5	3.0	4.0	13	15	5	1	**1000.10.91.040**	50
M10x1.5	4.0	6.0	13	15	5	1	**1000.10.91.060**	50
M12x1.5	3.5	5.0	15	17	5	-	**1000.12.91.050**	50
M12x1.5	5.0	6.5	15	17	5	-	**1000.12.91.065**	50
M12x1.5	6.5	8.0	15	17	5	-	**1000.12.91.080**	50
M16x1.5	8.0	10.5	18	22	5	-	**1000.17.91.105**	50
M20x1.5	11.0	15.0	24	23	6	-	**1000.20.91.150**	50
M25x1.5	16.0	20.5	30	28	7	-	**1000.25.91.205**	25
M32x1.5	21.0	25.5	36	28	8	-	**1000.32.91.255**	25
M40x1.5	28.5	33.0	46	31	8	-	**1000.40.91.330**	10
M50x1.5	37.0	42.0	55	34	9	-	**1000.50.91.420**	10
M63x1.5	46.0	52.0	70	37	10	-	**1000.63.91.520**	5

1 = Metric coarse-pitch thread

Progress MS HT

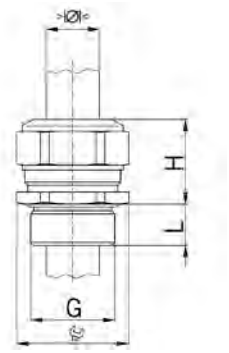
Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	5	**1000.17.92**	50
M20x1.5	8.0	15.0	24	23	6	**1000.20.92**	50
M25x1.5	12.5	20.5	30	28	7	**1000.25.92**	25
M32x1.5	17.0	25.5	36	28	8	**1000.32.92**	25
M40x1.5	24.0	33.0	46	31	8	**1000.40.92**	10
M50x1.5	33.0	42.0	55	34	9	**1000.50.92**	10
M63x1.5	40.0	52.0	70	37	10	**1000.63.92**	5

Cable Glands Nickel-Plated Brass

for High Temperature Applications

LONG ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	2.0	2.5	8	12	8	1	1100.06.91.025	50
M6x1.0	2.5	3.0	8	12	8	1	1100.06.91.030	50
M6x1.0	3.0	3.5	8	12	8	1	1100.06.91.035	50
M8x1.25	2.5	3.5	11	14	10	1	1100.08.91.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.91.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.91.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.91.060	50
M12x1.5	3.5	5.0	15	17	10	-	1100.12.91.050	50
M12x1.5	5.0	6.5	15	17	10	-	1100.12.91.065	50
M12x1.5	6.5	8.0	15	17	10	-	1100.12.91.080	50
M16x1.5	8.0	10.5	18	22	10	-	1100.17.91.105	50
M20x1.5	11.0	15.0	24	23	10	-	1100.20.91.150	50
M25x1.5	16.0	20.5	30	28	11	-	1100.25.91.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.91.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.91.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.91.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.91.520	5

1 = Metric coarse-pitch thread

Progress MS HT

Two-piece sealing insert / not overall length insulated

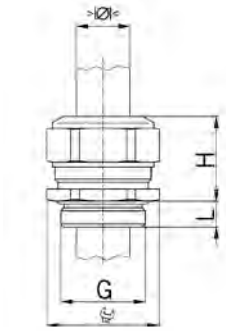
G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	22	10	1100.17.92	50
M20x1.5	8.0	15.0	24	23	10	1100.20.92	50
M25x1.5	12.5	20.5	30	28	11	1100.25.92	25
M32x1.5	17.0	25.5	36	28	13	1100.32.92	25
M40x1.5	24.0	33.0	46	31	13	1100.40.92	10
M50x1.5	33.0	42.0	55	34	14	1100.50.92	10
M63x1.5	40.0	52.0	70	37	14	1100.63.92	5

Cable Glands Nickel-Plated Brass

for High Temperature Applications

SHORT ENTRY THREAD PG

Material:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	17	6	**1000.07.91.050**	50
Pg 7	5.0	6.5	15	17	6	**1000.07.91.065**	50
Pg 7	6.5	8.0	15	17	6	**1000.07.91.080**	50
Pg 9	8.0	10.5	18	22	6	**1000.09.91.105**	50
Pg 11	8.5	12.0	21	21	6	**1000.11.91.120**	50
Pg 13	11.0	15.0	24	23	6	**1000.13.91.150**	50
Pg 16	11.0	15.0	24	23	6	**1000.16.91.150**	50
Pg 21	16.0	20.5	30	28	7	**1000.21.91.205**	25
Pg 29	23.0	27.5	38	28	8	**1000.29.91.275**	25
Pg 36	30.5	35.0	50	32	8	**1000.36.91.350**	10
Pg 42	37.0	42.0	55	34	10	**1000.42.91.420**	10
Pg 48	43.0	49.0	65	37	11	**1000.48.91.490**	10

Progress MS HT

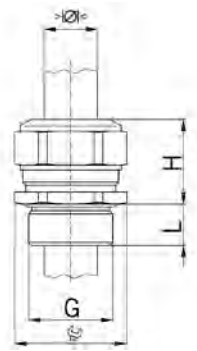
Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	6	**1000.09.92**	50
Pg 11	5.5	12.0	21	21	6	**1000.11.92**	50
Pg 13	8.0	15.0	24	23	6	**1000.13.92**	50
Pg 16	8.0	15.0	24	23	6	**1000.16.92**	50
Pg 21	12.5	20.5	30	28	7	**1000.21.92**	25
Pg 29	19.0	27.5	38	28	8	**1000.29.92**	25
Pg 36	26.0	35.0	50	32	8	**1000.36.92**	10
Pg 42	33.0	42.0	55	34	10	**1000.42.92**	10
Pg 48	37.0	49.0	65	37	11	**1000.48.92**	10

Cable Glands Nickel-Plated Brass

for High Temperature Applications

LONG ENTRY THREAD PG



Material:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS HT

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	17	10	**1100.07.91.050**	50
Pg 7	5.0	6.5	15	17	10	**1100.07.91.065**	50
Pg 7	6.5	8.0	15	17	10	**1100.07.91.080**	50
Pg 9	8.0	10.5	18	22	10	**1100.09.91.105**	50
Pg 11	8.5	12.0	21	21	10	**1100.11.91.120**	50
Pg 13	11.0	15.0	24	23	10	**1100.13.91.150**	50
Pg 16	11.0	15.0	24	23	10	**1100.16.91.150**	50
Pg 21	16.0	20.5	30	28	12	**1100.21.91.205**	25
Pg 29	23.0	27.5	38	28	12	**1100.29.91.275**	25
Pg 36	30.5	35.0	50	32	15	**1100.36.91.350**	10
Pg 42	37.0	42.0	55	34	15	**1100.42.91.420**	10
Pg 48	43.0	49.0	65	37	15	**1100.48.91.490**	10

Progress MS HT

Two-piece sealing insert / not overall length insulated

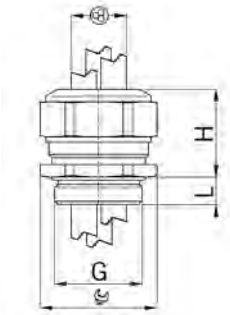
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	22	10	**1100.09.92**	50
Pg 11	5.5	12.0	21	21	10	**1100.11.92**	50
Pg 13	8.0	15.0	24	23	10	**1100.13.92**	50
Pg 16	8.0	15.0	24	23	10	**1100.16.92**	50
Pg 21	12.5	20.5	30	28	12	**1100.21.92**	25
Pg 29	19.0	27.5	38	28	12	**1100.29.92**	25
Pg 36	26.0	35.0	50	32	15	**1100.36.92**	10
Pg 42	33.0	42.0	55	34	15	**1100.42.92**	10
Pg 48	37.0	49.0	65	37	15	**1100.48.92**	10

Cable Glands Nickel-Plated Brass

for Installation of Multiple Cables

SHORT ENTRY THREAD METRIC

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68



Progress MS Multi

One-piece sealing insert / not overall length insulated

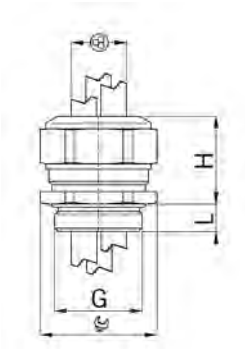
G	>Ø< min mm	>Ø< max mm		mm	H mm	L mm	Part. no.	
M16x1.5	2.0	3.0	2	18	22	5	**1310.17.2.030**	50
M16x1.5	2.5	4.0	2	18	22	5	**1310.17.2.040**	50
M16x1.5	3.5	5.0	2	18	22	5	**1310.17.2.050**	50
M20x1.5	3.5	5.0	2	24	23	6	**1310.20.2.050**	50
M20x1.5	4.5	6.0	2	24	23	6	**1310.20.2.060**	50
M20x1.5	5.5	7.5	2	24	23	6	**1310.20.2.075**	50
M20x1.5	3.5	5.0	3	24	23	6	**1310.20.3.050**	50
M20x1.5	4.5	6.0	3	24	23	6	**1310.20.3.060**	50
M20x1.5	5.2	6.5	3	24	23	6	**1310.20.3.065**	50
M20x1.5	3.5	5.0	4	24	23	6	**1310.20.4.050**	50
M20x1.5	4.5	6.0	4	24	23	6	**1310.20.4.060**	50
M25x1.5	5.0	7.0	2	30	28	7	**1310.25.2.070**	25
M25x1.5	6.7	9.0	2	30	28	7	**1310.25.2.090**	25
M25x1.5	7.7	10.0	2	30	28	7	**1310.25.2.100**	25
M25x1.5	5.5	7.0	3	30	28	7	**1310.25.3.070**	25
M25x1.5	6.8	9.0	3	30	28	7	**1310.25.3.090**	25
M25x1.5	5.5	7.0	4	30	28	7	**1310.25.4.070**	25
M25x1.5	4.8	6.0	6	30	28	7	**1310.25.6.060**	25
M32x1.5	9.0	11.5	2	36	28	8	**1310.32.2.115**	25
M32x1.5	7.0	9.0	3	36	28	8	**1310.32.3.090**	25
M32x1.5	8.5	10.5	3	36	28	8	**1310.32.3.105**	25
M32x1.5	7.0	9.0	4	36	28	8	**1310.32.4.090**	25
M32x1.5	5.8	7.0	6	36	28	8	**1310.32.6.070**	25

Further versions and larger entry threads are available upon request.

Cable Glands Nickel-Plated Brass

for Installation of Multiple Cables

LONG ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Progress MS Multi

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm		mm	H mm	L mm	Part. no.	
M16x1.5	2.0	3.0	2	18	22	10	**1311.17.2.030**	50
M16x1.5	2.5	4.0	2	18	22	10	**1311.17.2.040**	50
M16x1.5	3.5	5.0	2	18	22	10	**1311.17.2.050**	50
M20x1.5	3.5	5.0	2	24	23	10	**1311.20.2.050**	50
M20x1.5	4.5	6.0	2	24	23	10	**1311.20.2.060**	50
M20x1.5	5.5	7.5	2	24	23	10	**1311.20.2.075**	50
M20x1.5	3.5	5.0	3	24	23	10	**1311.20.3.050**	50
M20x1.5	4.5	6.0	3	24	23	10	**1311.20.3.060**	50
M20x1.5	5.2	6.5	3	24	23	10	**1311.20.3.065**	50
M20x1.5	3.5	5.0	4	24	23	10	**1311.20.4.050**	50
M20x1.5	4.5	6.0	4	24	23	10	**1311.20.4.060**	50
M25x1.5	5.0	7.0	2	30	28	11	**1311.25.2.070**	25
M25x1.5	6.7	9.0	2	30	28	11	**1311.25.2.090**	25
M25x1.5	7.7	10.0	2	30	28	11	**1311.25.2.100**	25
M25x1.5	5.5	7.0	3	30	28	11	**1311.25.3.070**	25
M25x1.5	6.8	9.0	3	30	28	11	**1311.25.3.090**	25
M25x1.5	5.5	7.0	4	30	28	11	**1311.25.4.070**	25
M25x1.5	4.8	6.0	6	30	28	11	**1311.25.6.060**	25
M32x1.5	9.0	11.5	2	36	28	13	**1311.32.2.115**	25
M32x1.5	7.0	9.0	3	36	28	13	**1311.32.3.090**	25
M32x1.5	8.5	10.5	3	36	28	13	**1311.32.3.105**	25
M32x1.5	7.0	9.0	4	36	28	13	**1311.32.4.090**	25
M32x1.5	5.8	7.0	6	36	28	13	**1311.32.6.070**	25

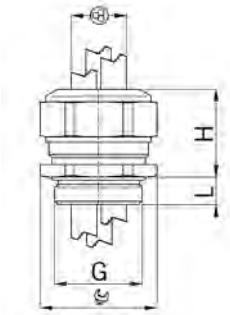
Further versions and larger entry threads are available upon request.

Cable Glands Nickel-Plated Brass

for Installation of Multiple Cables

SHORT ENTRY THREAD PG

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68



Progress MS Multi

One-piece sealing insert / not overall length insulated

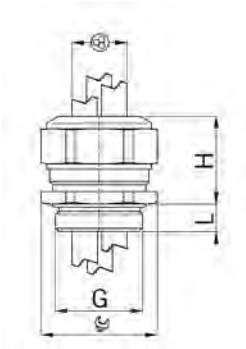
G	>Ø< min mm	>Ø< max mm		mm	H mm	L mm	Part. no.	
Pg 9	2.0	3.0	2	18	22	6.0	1310.09.2.030	50
Pg 9	2.5	4.0	2	18	22	6.0	1310.09.2.040	50
Pg 9	3.5	5.0	2	18	22	6.0	1310.09.2.050	50
Pg 11	3.5	5.0	2	21	21	6.0	1310.11.2.050	50
Pg 11	4.5	6.0	2	21	21	6.0	1310.11.2.060	50
Pg 11	5.5	7.5	2	24	23	6.0	1310.11.2.075	50
Pg 11	3.5	5.0	3	21	21	6.0	1310.11.3.050	50
Pg 13	3.5	5.0	2	24	23	6.0	1310.13.2.050	50
Pg 13	4.5	6.0	2	24	23	6.0	1310.13.2.060	50
Pg 13	5.5	7.5	2	24	23	6.0	1310.13.2.075	50
Pg 13	3.5	5.0	3	24	23	6.0	1310.13.3.050	50
Pg 13	4.5	6.0	3	24	23	6.0	1310.13.3.060	50
Pg 13	5.2	6.5	3	24	23	6.0	1310.13.3.065	50
Pg 13	3.5	5.0	4	24	23	6.0	1310.13.4.050	50
Pg 13	4.5	6.0	4	24	23	6.0	1310.13.4.060	50
Pg 16	3.5	5.0	2	24	23	6.0	1310.16.2.050	50
Pg 16	4.5	6.0	2	24	23	6.0	1310.16.2.060	50
Pg 16	5.5	7.5	2	24	23	6.0	1310.16.2.075	50
Pg 16	6.7	9.0	2	30	28	6.0	1310.16.2.090	25
Pg 16	3.5	5.0	3	24	23	6.0	1310.16.3.050	50
Pg 16	4.5	6.0	3	24	23	6.0	1310.16.3.060	50
Pg 16	5.0	7.0	3	30	28	6.0	1310.16.3.070	25
Pg 16	3.5	5.0	4	24	23	6.0	1310.16.4.050	50
Pg 16	4.5	6.0	4	24	23	6.0	1310.16.4.060	50
Pg 16	5.5	7.0	4	30	28	6.0	1310.16.4.070	25
Pg 21	5.0	7.0	2	30	28	7.5	1310.21.2.070	25
Pg 21	6.7	9.0	2	30	28	7.5	1310.21.2.090	25
Pg 21	7.7	10.0	2	30	28	7.5	1310.21.2.100	25
Pg 21	9.0	11.5	2	36	28	7.5	1310.21.2.115	25
Pg 21	5.5	7.0	3	30	28	7.5	1310.21.3.070	25
Pg 21	6.8	9.0	3	30	28	7.5	1310.21.3.090	25
Pg 21	8.5	10.5	3	36	28	7.5	1310.21.3.105	25
Pg 21	5.5	7.0	4	30	28	7.5	1310.21.4.070	25
Pg 21	7.0	9.0	4	36	28	7.5	1310.21.4.090	25
Pg 21	4.8	6.0	6	30	28	7.5	1310.21.6.060	25
Pg 21	5.8	7.0	6	36	28	7.5	1310.21.6.070	25
Pg 29	7.5	9.0	3	38	28	8.0	1310.29.3.090	25

Further versions and larger entry threads are available upon request.

Cable Glands Nickel-Plated Brass

for Installation of Multiple Cables

LONG ENTRY THREAD PG



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Progress MS Multi

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm		mm	H mm	L mm	Part. no.	
Pg 9	2.0	3.0	2	18	22	10	1311.09.2.030	50
Pg 9	2.5	4.0	2	18	22	10	1311.09.2.040	50
Pg 9	3.5	5.0	2	18	22	10	1311.09.2.050	50
Pg 11	3.5	5.0	2	21	21	10	1311.11.2.050	50
Pg 11	4.5	6.0	2	21	21	10	1311.11.2.060	50
Pg 11	5.5	7.5	2	24	23	10	1311.11.2.075	50
Pg 11	3.5	5.0	3	21	21	10	1311.11.3.050	50
Pg 13	3.5	5.0	2	24	23	10	1311.13.2.050	50
Pg 13	4.5	6.0	2	24	23	10	1311.13.2.060	50
Pg 13	5.5	7.5	2	24	23	10	1311.13.2.075	50
Pg 13	3.5	5.0	3	24	23	10	1311.13.3.050	50
Pg 13	4.5	6.0	3	24	23	10	1311.13.3.060	50
Pg 13	5.2	6.5	3	24	23	10	1311.13.3.065	50
Pg 13	3.5	5.0	4	24	23	10	1311.13.4.050	50
Pg 13	4.5	6.0	4	24	23	10	1311.13.4.060	50
Pg 16	3.5	5.0	2	24	23	10	1311.16.2.050	50
Pg 16	4.5	6.0	2	24	23	10	1311.16.2.060	50
Pg 16	5.5	7.5	2	24	23	10	1311.16.2.075	50
Pg 16	6.7	9.0	2	30	28	10	1311.16.2.090	25
Pg 16	3.5	5.0	3	24	23	10	1311.16.3.050	50
Pg 16	4.5	6.0	3	24	23	10	1311.16.3.060	50
Pg 16	5.0	7.0	3	30	28	10	1311.16.3.070	25
Pg 16	3.5	5.0	4	24	23	10	1311.16.4.050	50
Pg 16	4.5	6.0	4	24	23	10	1311.16.4.060	50
Pg 16	5.5	7.0	4	30	28	10	1311.16.4.070	25
Pg 21	5.0	7.0	2	30	28	12	1311.21.2.070	25
Pg 21	6.7	9.0	2	30	28	12	1311.21.2.090	25
Pg 21	7.7	10.0	2	30	28	12	1311.21.2.100	25
Pg 21	9.0	11.5	2	36	28	12	1311.21.2.115	25
Pg 21	5.5	7.0	3	30	28	12	1311.21.3.070	25
Pg 21	6.8	9.0	3	30	28	12	1311.21.3.090	25
Pg 21	8.5	10.5	3	36	28	12	1311.21.3.105	25
Pg 21	5.5	7.0	4	30	28	12	1311.21.4.070	25
Pg 21	7.0	9.0	4	36	28	12	1311.21.4.090	25
Pg 21	4.8	6.0	6	30	28	12	1311.21.6.060	25
Pg 21	5.8	7.0	6	36	28	12	1311.21.6.070	25
Pg 29	7.5	9.0	3	38	28	12	1311.29.3.090	25

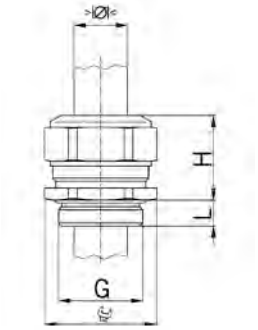
Further versions and larger entry threads are available upon request.

Cable Glands Nickel-Plated Brass

with Sealing Insert without Drilled Hole

short entry thread metric

Material:	Nickel-plated brass
Seal:	NBR, without drilled hole
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS NBR

One-piece solid sealing insert / not overall length insulated

G	>Ø< max mm	mm	H mm	L mm	info	Part. no.	
M6x1.0	3.5	8	12	5	1	**1000.06.30**	50
M8x1.25	5.0	11	14	5	1	**1000.08.30**	50
M10x1.5	6.0	13	15	5	1	**1000.10.30**	50
M12x1.5	8.0	15	17	5	-	**1000.12.30**	50
M16x1.5	10.5	18	22	5	-	**1000.17.30**	50
M20x1.5	15.0	24	23	6	-	**1000.20.30**	50
M25x1.5	20.5	30	28	7	-	**1000.25.30**	25
M32x1.5	25.5	36	28	8	-	**1000.32.30**	25
M40x1.5	33.0	46	31	8	-	**1000.40.30**	10
M50x1.5	42.0	55	34	9	-	**1000.50.30**	10
M63x1.5	52.0	70	37	10	-	**1000.63.30**	5

1 = Metric coarse-pitch thread

Technical note

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

short entry thread PG

Progress MS NBR

One-piece solid sealing insert / not overall length insulated

G	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	8.0	15	17	6.0	**1000.07.30**	50
Pg 9	10.5	18	22	6.0	**1000.09.30**	50
Pg 11	12.0	21	21	6.0	**1000.11.30**	50
Pg 11	15.0	24	23	6.0	**1000.11.20.30**	50
Pg 13	15.0	24	23	6.0	**1000.13.30**	50
Pg 16	15.0	24	23	6.0	**1000.16.30**	50
Pg 16	18.5	30	28	6.0	**1000.16.25.30**	25
Pg 21	20.5	30	28	7.5	**1000.21.30**	25
Pg 21	23.0	36	28	7.5	**1000.21.32.30**	25
Pg 29	27.5	38	28	8.0	**1000.29.30**	25
Pg 29	33.0	46	31	8.0	**1000.29.40.30**	25
Pg 36	35.0	50	32	8.0	**1000.36.30**	10
Pg 36	42.0	55	34	8.0	**1000.36.50.30**	10
Pg 42	42.0	55	34	10.0	**1000.42.30**	10
Pg 48	49.0	65	37	11.0	**1000.48.30**	10

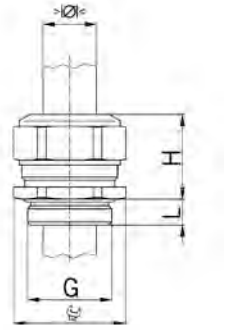
Technical note

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Cable Glands Nickel-Plated Brass

with Sealing Insert without Drilled Hole

short entry thread metric



Material:	Nickel-plated brass
Seal:	FPM, without drilled hole
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS FPM

For high temperature applications / One-piece solid sealing insert / not overall length insulated

G	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M6x1.0	3.5	8	12	5	1	**1000.06.30.91**	50
M8x1.25	5.0	11	14	5	1	**1000.08.30.91**	50
M10x1.5	6.0	13	15	5	1	**1000.10.30.91**	50
M12x1.5	8.0	15	17	5	-	**1000.12.30.91**	50
M16x1.5	10.5	18	22	5	-	**1000.17.30.91**	50
M20x1.5	15.0	24	23	6	-	**1000.20.30.91**	50
M25x1.5	20.5	30	28	7	-	**1000.25.30.91**	25
M32x1.5	25.5	36	28	8	-	**1000.32.30.91**	25
M40x1.5	33.0	46	31	8	-	**1000.40.30.91**	10
M50x1.5	42.0	55	34	9	-	**1000.50.30.91**	10
M63x1.5	52.0	70	37	10	-	**1000.63.30.91**	5

1 = Metric coarse-pitch thread

Technical note

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

short entry thread pg

Progress MS FPM

For high temperature applications / One-piece solid sealing insert / not overall length insulated

G	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	8.0	15	17	6.0	**1000.07.30.91**	50
Pg 9	10.5	18	22	6.0	**1000.09.30.91**	50
Pg 11	12.0	21	21	6.0	**1000.11.30.91**	50
Pg 11	15.0	24	23	6.0	**1000.11.20.30.91**	50
Pg 13	15.0	24	23	6.0	**1000.13.30.91**	50
Pg 16	15.0	24	23	6.0	**1000.16.30.91**	50
Pg 16	18.5	30	28	6.0	**1000.16.25.30.91**	25
Pg 21	20.5	30	28	7.5	**1000.21.30.91**	25
Pg 21	23.0	36	28	7.5	**1000.21.32.30.91**	25
Pg 29	27.5	38	28	8.0	**1000.29.30.91**	25
Pg 29	33.0	46	31	8.0	**1000.29.40.30.91**	25
Pg 36	35.0	50	32	8.0	**1000.36.30.91**	10
Pg 36	42.0	55	34	8.0	**1000.36.50.30.91**	10
Pg 42	42.0	55	34	10.0	**1000.42.30.91**	10
Pg 48	49.0	65	37	11.0	**1000.48.30.91**	10

Technical note

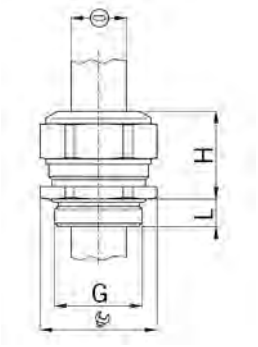
When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Cable Glands Nickel-Plated Brass

for Flat Cables

short entry thread metric

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68



Progress MS FK

One-piece sealing insert / not overall length insulated

G	min mm	max mm	mm	H mm	L mm	Part. no.	
M16x1.5	7.3x2.5	9.0x4.2	18	22	5	**1300.17.090.042**	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	6	**1300.20.130.050**	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	6	**1300.20.150.050**	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	7	**1300.25.190.070**	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	8	**1300.32.220.060**	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	8	**1300.32.220.080**	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	8	**1300.40.260.070**	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	8	**1300.40.265.090**	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	8	**1300.40.280.060**	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	8	**1300.40.300.100**	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	8	**1300.40.320.090**	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	8	**1300.40.330.065**	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	9	**1300.50.340.115**	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	9	**1300.50.370.070**	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	9	**1300.50.400.060**	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	9	**1300.50.400.135**	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	9	**1300.50.420.140**	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	10	**1300.63.460.140**	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	10	**1300.63.465.060**	5

long entry thread PG

Progress MS FK

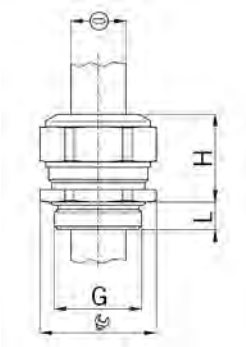
One-piece sealing insert / not overall length insulated

G	min mm	max mm	mm	H mm	L mm	Part. no.	
M16x1.5	7.3x2.5	9.0x4.2	18	22	10	**1301.17.090.042**	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	10	**1301.20.130.050**	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	10	**1301.20.150.050**	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	11	**1301.25.190.070**	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	13	**1301.32.220.060**	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	13	**1301.32.220.080**	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	13	**1301.40.260.070**	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	13	**1301.40.265.090**	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	13	**1301.40.280.060**	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	13	**1301.40.300.100**	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	13	**1301.40.320.090**	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	13	**1301.40.330.065**	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	14	**1301.50.340.115**	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	14	**1301.50.370.070**	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	14	**1301.50.400.060**	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	14	**1301.50.400.135**	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	14	**1301.50.420.140**	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	14	**1301.63.460.140**	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	14	**1301.63.465.060**	5

Cable Glands Nickel-Plated Brass

for Flat Cables

SHORT ENTRY THREAD PG



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Progress MS FK

One-piece sealing insert / not overall length insulated

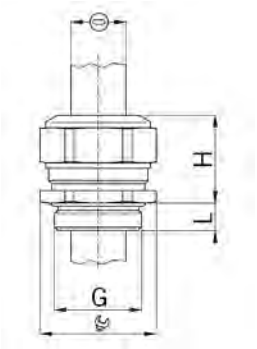
G	min mm	max mm	mm	H mm	L mm	Part. no.	
Pg 9	7.3x2.5	9.0x4.2	18	22	6.0	**1300.09.090.042**	50
Pg 13	10.5x2.5	13.0x5.0	24	23	6.0	**1300.13.130.050**	50
Pg 13	12.5x2.5	15.0x5.0	24	23	6.0	**1300.13.150.050**	50
Pg 16	10.5x2.5	13.0x5.0	24	23	6.0	**1300.16.130.050**	50
Pg 16	12.5x2.5	15.0x5.0	24	23	6.0	**1300.16.150.050**	50
Pg 21	16.0x4.0	19.0x7.0	30	28	7.5	**1300.21.190.070**	25
Pg 21	19.0x3.0	22.0x6.0	36	28	7.5	**1300.21.220.060**	25
Pg 21	19.0x5.0	22.0x8.0	36	28	7.5	**1300.21.220.080**	25
Pg 29	23.0x4.0	26.0x7.0	46	31	8.0	**1300.29.260.070**	25
Pg 29	23.5x6.0	26.5x9.0	46	31	8.0	**1300.29.265.090**	25
Pg 29	25.0x3.0	28.0x6.0	46	31	8.0	**1300.29.280.060**	25
Pg 29	27.0x7.0	30.0x10.0	46	31	8.0	**1300.29.300.100**	25
Pg 29	29.0x6.0	32.0x9.0	46	31	8.0	**1300.29.320.090**	25
Pg 29	30.0x3.5	33.0x6.5	46	31	8.0	**1300.29.330.065**	25
Pg 42	31.0x8.5	34.0x11.5	55	34	10.0	**1300.42.340.115**	10
Pg 42	34.0x4.0	37.0x7.0	55	34	10.0	**1300.42.370.070**	10
Pg 42	36.5x2.5	40.0x6.0	55	34	10.0	**1300.42.400.060**	10
Pg 42	36.5x10.0	40.0x13.5	55	34	10.0	**1300.42.400.135**	10
Pg 42	38.5x10.5	42.0x14.0	55	34	10.0	**1300.42.420.140**	10
Pg 48	42.0x10.0	46.0x14.0	65	37	11.0	**1300.48.460.140**	10
Pg 48	42.5x2.0	46.5x6.0	65	37	11.0	**1300.48.465.060**	10

Cable Glands Nickel-Plated Brass

for Flat Cables

LONG ENTRY THREAD PG

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68



Progress MS FK

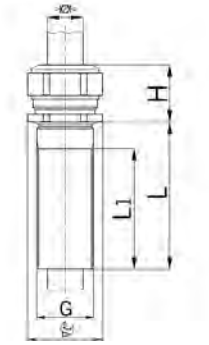
One-piece sealing insert / not overall length insulated

G	min mm	max mm	mm	H mm	L mm	Part. no.	
Pg 9	7.3x2.5	9.0x4.2	18	22	10	**1301.09.090.042**	50
Pg 13	10.5x2.5	13.0x5.0	24	23	10	**1301.13.130.050**	50
Pg 13	12.5x2.5	15.0x5.0	24	23	10	**1301.13.150.050**	50
Pg 16	10.5x2.5	13.0x5.0	24	23	10	**1301.16.130.050**	50
Pg 16	12.5x2.5	15.0x5.0	24	23	10	**1301.16.150.050**	50
Pg 21	16.0x4.0	19.0x7.0	30	28	12	**1301.21.190.070**	25
Pg 21	19.0x3.0	22.0x6.0	36	28	12	**1301.21.220.060**	25
Pg 21	19.0x5.0	22.0x8.0	36	28	12	**1301.21.220.080**	25
Pg 29	23.0x4.0	26.0x7.0	46	31	12	**1301.29.260.070**	25
Pg 29	23.5x6.0	26.5x9.0	46	31	12	**1301.29.265.090**	25
Pg 29	25.0x3.0	28.0x6.0	46	31	12	**1301.29.280.060**	25
Pg 29	27.0x7.0	30.0x10.0	46	31	12	**1301.29.300.100**	25
Pg 29	29.0x6.0	32.0x9.0	46	31	12	**1301.29.320.090**	25
Pg 29	30.0x3.5	33.0x6.5	46	31	12	**1301.29.330.065**	25
Pg 42	31.0x8.5	34.0x11.5	55	34	15	**1301.42.340.115**	10
Pg 42	34.0x4.0	37.0x7.0	55	34	15	**1301.42.370.070**	10
Pg 42	36.5x2.5	40.0x6.0	55	34	15	**1301.42.400.060**	10
Pg 42	36.5x10.0	40.0x13.5	55	34	15	**1301.42.400.135**	10
Pg 42	38.5x10.5	42.0x14.0	55	34	15	**1301.42.420.140**	10
Pg 48	42.0x10.0	46.0x14.0	65	37	15	**1301.48.460.140**	10
Pg 48	42.5x2.0	46.5x6.0	65	37	15	**1301.48.465.060**	10

Cable Glands Nickel-Plated Brass

with Special Entry Thread

extra-long entry thread metric



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS L

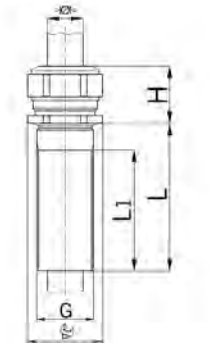
Entry thread metric, 50 mm long / Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	24/18	22	50	**1100.17.50**	10
M20x1.5	8.0	15.0	30/24	23	50	**1100.20.50**	10
M25x1.5	12.5	20.5	36/30	28	50	**1100.25.50**	10
M32x1.5	17.0	25.5	46/36	28	50	**1100.32.50**	10
M40x1.5	24.0	33.0	55/46	31	50	**1100.40.50**	10

L1 = L - 10mm

Further dimensions upon request

specially long entry thread pg



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS L

Entry thread Pg, 50 mm long / Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 11	5.5	12.0	27/21	21	50	**1100.11.50**	10
Pg 13	8.0	15.0	30/24	23	50	**1100.13.50**	10
Pg 16	8.0	15.0	30/24	23	50	**1100.16.50**	10
Pg 21	12.5	20.5	38/30	28	50	**1100.21.50**	10
Pg 29	19.0	27.5	46/38	28	50	**1100.29.50**	10

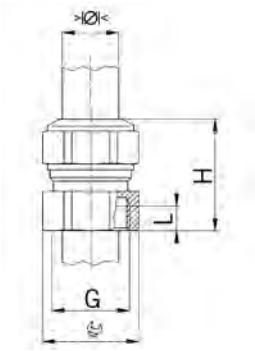
L1 = L - 10mm

Further dimensions upon request

with Special Entry Thread

inner thread metric

Material:	Nickel-plated brass
Seal:	TPE
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68, if the entry thread is sealed
Protection type addition:	IP 69K



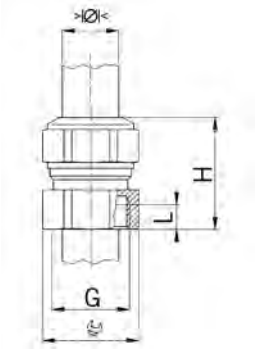
Progress MS IG

Internal thread metric / Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	28	6	**1400.17**	25
M20x1.5	8.0	15.0	24	31	6	**1400.20**	25
M25x1.5	12.5	20.5	30	40	10	**1400.25**	25

inner thread pg

Material:	Nickel-plated brass
Seal:	TPE
Temperature range:	-40°C / +100°C
Protection class:	IP 68, if the entry thread is sealed
Protection type addition:	IP 69K



Progress MS IG

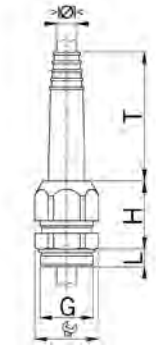
Internal thread Pg / Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 11	5.5	12.0	21	28	6	**1400.11**	25
Pg 16	8.0	15.0	24	31	6	**1400.16**	25
Pg 21	12.5	20.5	30	40	10	**1400.21**	25

Cable Glands Nickel-Plated Brass

with antikink nozzle in EPDM

short entry thread metric



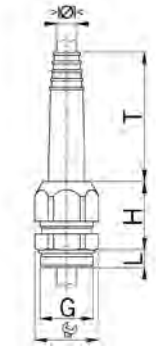
Material:	Nickel-plated brass
Seal:	NBR
O-ring:	NBR
antikink nozzle:	EPDM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Protection type addition:	IP 69K

Short entry thread metric / One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	T mm	L mm	i info	Part. no.	
M8x1.25	3.8	4.8	11	12	25	6	1	**1008.52**	50
M10x1.5	4.0	6.0	16	20	35	6	1	**1010.52**	50
M12x1.5	4.0	6.0	16	20	35	6	-	**1012.52**	50
M16x1.5	6.0	8.8	20	24	45	6	-	**1017.52**	50
M20x1.5	9.0	11.0	24	28	65	6	-	**1020.51**	25
M20x1.5	10.5	13.0	24	28	75	6	-	**1020.52**	25
M25x1.5	13.0	16.5	32	33	92	7	-	**1025.52**	10

1 = Metric coarse-pitch thread

short entry thread PG



Material:	Nickel-plated brass
Seal:	NBR
O-ring:	NBR
antikink nozzle:	EPDM
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Protection type addition:	IP 69K

Short entry thread Pg / One-piece sealing insert / not overall length insulated

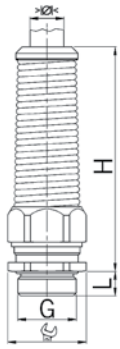
G	>Ø< min mm	>Ø< max mm	mm	H mm	T mm	L mm	Part. no.	
Pg 7	4.0	6.0	16	20	35	6	**1007.52**	50
Pg 9	6.0	8.8	20	24	45	6	**1009.52**	50
Pg 11	6.0	8.8	20	24	45	6	**1011.52**	50
Pg 13	9.0	11.0	24	28	65	6	**1013.51**	25
Pg 13	10.5	13.0	24	28	75	6	**1013.52**	25
Pg 16	9.0	11.0	24	28	65	6	**1016.51**	25
Pg 16	10.5	13.0	24	28	75	6	**1016.52**	25
Pg 21	13.0	16.5	32	33	92	7.5	**1021.51**	10

Cable Glands Nickel-Plated Brass

with Antikink Spring

short entry thread metric

Material:	Nickel-plated brass
Antikink spring:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS FKN

One-piece sealing insert / overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.0	11	49	5	1	**1060.08.52.030**	10
M8x1.25	3.5	4.0	11	49	5	1	**1060.08.52.040**	10
M10x1.5	3.0	4.0	13	52	5	1	**1060.10.52.040**	10
M10x1.5	4.0	6.0	13	52	5	1	**1060.10.52.060**	10
M12x1.5	3.5	5.0	15	57	5	-	**1060.12.52.050**	10
M12x1.5	5.0	6.5	15	57	5	-	**1060.12.52.065**	10
M12x1.5	6.5	7.5	15	57	5	-	**1060.12.52.075**	10
M16x1.5	4.5	6.0	18	66	5	-	**1060.17.52.060**	10
M16x1.5	6.0	8.0	18	66	5	-	**1060.17.52.080**	10
M16x1.5	8.0	10.5	18	66	5	-	**1060.17.52.105**	10
M20x1.5	6.0	8.0	24	86	6	-	**1060.20.52.080**	10
M20x1.5	8.0	11.0	24	86	6	-	**1060.20.52.110**	10
M20x1.5	11.0	14.5	24	86	6	-	**1060.20.52.145**	10
M25x1.5	9.5	12.5	30	99	7	-	**1060.25.52.125**	10
M25x1.5	12.5	16.0	30	99	7	-	**1060.25.52.160**	10
M25x1.5	16.0	19.0	30	99	7	-	**1060.25.52.190**	10
M32x1.5	17.0	21.0	36	109	8	-	**1060.32.52.210**	5
M32x1.5	21.0	24.5	36	109	8	-	**1060.32.52.245**	5

1 = Metric coarse-pitch thread

The following cable glands with anti-kink spring are available upon request:

- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Progress MS FKN

Two-piece sealing insert / overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	66	5	**1060.17.52**	10
M20x1.5	8.0	14.5	24	86	6	**1060.20.52**	10
M25x1.5	12.5	19.0	30	99	7	**1060.25.52**	10
M32x1.5	17.0	24.5	36	109	8	**1060.32.52**	5

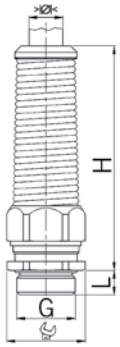
The following cable glands with anti-kink spring are available upon request:

- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Cable Glands Nickel-Plated Brass

with Antikink Spring

SHORT ENTRY THREAD PG



Material:	Nickel-plated brass
Antikink spring:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS FKN

One-piece sealing insert / overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	15	57	6	**1060.07.52.050**	10
Pg 7	5.0	6.5	15	57	6	**1060.07.52.065**	10
Pg 7	6.5	7.5	15	57	6	**1060.07.52.075**	10
Pg 9	4.5	6.0	18	66	6	**1060.09.52.060**	10
Pg 9	6.0	8.0	18	66	6	**1060.09.52.080**	10
Pg 9	8.0	10.5	18	66	6	**1060.09.52.105**	10
Pg 11	4.5	6.0	18/21	66	6	**1060.11.52.060**	10
Pg 11	6.0	8.0	18/21	66	6	**1060.11.52.080**	10
Pg 11	8.0	10.5	18/21	66	6	**1060.11.52.105**	10
Pg 13	6.0	8.0	24	86	6	**1060.13.52.080**	10
Pg 13	8.0	11.0	24	86	6	**1060.13.52.110**	10
Pg 13	11.0	14.5	24	86	6	**1060.13.52.145**	10
Pg 16	6.0	8.0	24	86	6	**1060.16.52.080**	10
Pg 16	8.0	11.0	24	86	6	**1060.16.52.110**	10
Pg 16	11.0	14.5	24	86	6	**1060.16.52.145**	10
Pg 21	9.5	12.5	30	99	7.5	**1060.21.52.125**	5
Pg 21	12.5	16.0	30	99	7.5	**1060.21.52.160**	5
Pg 21	16.0	19.0	30	99	7.5	**1060.21.52.190**	5

The following cable glands with anti-kink spring are available upon request:

- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Progress MS FKN

Two-piece sealing insert / overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	66	6	**1060.09.52**	10
Pg 11	6.0	10.5	18/21	66	6	**1060.11.52**	10
Pg 13	8.0	14.5	24	86	6	**1060.13.52**	10
Pg 16	8.0	14.5	24	86	6	**1060.16.52**	10
Pg 21	12.5	19.0	30	99	7.5	**1060.21.52**	5

The following cable glands with anti-kink spring are available upon request:

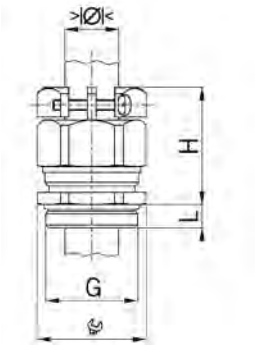
- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Cable Glands Nickel-Plated Brass

with Clamps

short entry thread metric

Material:	Nickel-plated brass
Screws:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version B
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS KB

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M10x1.5	3.0	4.0	13/16	24	5	1	**1800.10.03.040**	50
M10x1.5	4.0	6.0	13/16	24	5	1	**1800.10.03.060**	50
M12x1.5	5.0	6.5	15/16	26	5	-	**1800.12.03.065**	50
M12x1.5	6.5	8.0	15/16	26	5	-	**1800.12.03.080**	50

1 = Metric coarse-pitch thread

Progress MS KB

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18/19	30	5	**1800.17.03.105**	50
M20x1.5	8.0	15.0	24	31	6	**1800.20.03.150**	50
M25x1.5	12.5	20.5	30	35	7	**1800.25.03.205**	25
M32x1.5	17.0	25.5	36	40	8	**1800.32.03.255**	25
M40x1.5	24.0	33.0	46	44	8	**1800.40.03.330**	10
M50x1.5	33.0	42.0	55	49	9	**1800.50.03.410**	10
M63x1.5	40.0	52.0	70	55	10	**1800.63.03.520**	5
M75x1.5	50.0	63.0	80	56	11	**1800.75.03.630**	1

long entry thread metric

Progress MS KB

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M10x1.5	3.0	4.0	13/16	24	10	1	**1800.10.13.040**	50
M10x1.5	4.0	6.0	13/16	24	10	1	**1800.10.13.060**	50
M12x1.5	5.0	6.5	15/16	26	10	-	**1800.12.13.065**	50
M12x1.5	6.5	8.0	15/16	26	10	-	**1800.12.13.080**	50

1 = Metric coarse-pitch thread

Progress MS KB

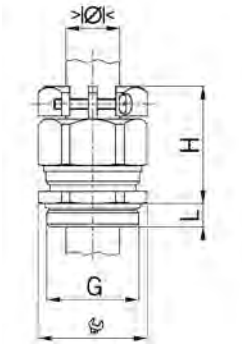
Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18/19	30	10	**1800.17.13.105**	50
M20x1.5	8.0	15.0	24	31	10	**1800.20.13.150**	50
M25x1.5	12.5	20.5	30	35	11	**1800.25.13.205**	25
M32x1.5	17.0	25.5	36	40	13	**1800.32.13.255**	25
M40x1.5	24.0	33.0	46	44	13	**1800.40.13.330**	10
M50x1.5	33.0	42.0	55	49	14	**1800.50.13.410**	10
M63x1.5	40.0	52.0	70	55	14	**1800.63.13.520**	5
M75x1.5	50.0	63.0	80	56	15	**1800.75.13.630**	1

Cable Glands Nickel-Plated Brass

with Clamps

short entry thread pg



Material:	Nickel-plated brass
Screws:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS KB

One-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 7	5.0	6.5	15/16	26	6	1800.07.03.065	50
Pg 7	6.5	8.0	15/16	26	6	1800.07.03.080	50

Progress MS KB

Two-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18/19	30	6	1800.09.03.105	50
Pg 11	5.5	12.0	21	31	6	1800.11.03.120	50
Pg 13	8.0	15.0	24	31	6	1800.13.03.150	50
Pg 16	8.0	15.0	24	31	6	1800.16.03.150	50
Pg 21	12.5	20.5	30	35	7	1800.21.03.205	25
Pg 29	19.0	27.5	38	40	8	1800.29.03.275	25
Pg 36	26.0	35.0	50	47	8	1800.36.03.350	10
Pg 42	33.0	42.0	55	49	10	1800.42.03.410	10
Pg 48	37.0	49.0	65	51	11	1800.48.03.490	5

long entry thread pg

Progress MS KB

One-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 7	5.0	6.5	15/16	26	10	1800.07.13.065	50
Pg 7	6.5	8.0	15/16	26	10	1800.07.13.080	50

Progress MS KB

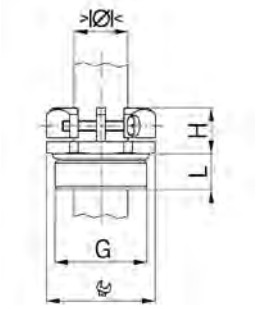
Two-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18/19	30	10	1800.09.13.105	50
Pg 11	5.5	12.0	21	31	10	1800.11.13.120	50
Pg 13	8.0	15.0	24	31	10	1800.13.13.150	50
Pg 16	8.0	15.0	24	31	10	1800.16.13.150	50
Pg 21	12.5	20.5	30	35	12	1800.21.13.205	25
Pg 29	19.0	27.5	38	40	12	1800.29.13.275	25
Pg 36	26.0	35.0	50	47	15	1800.36.13.350	10
Pg 42	33.0	42.0	55	49	15	1800.42.13.410	10
Pg 48	37.0	49.0	65	51	15	1800.48.13.490	5

with Clamps

ENTRY THREAD METRIC

Material:	Nickel-plated brass
Screws:	Stainless steel A2
Strain relief:	According to EN 50262 version B
Temperature range:	-50°C / +300°C
Protection class:	IP 20



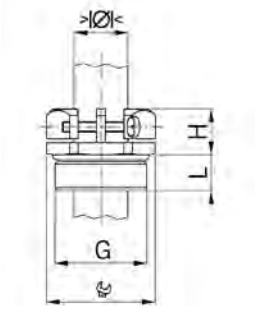
Progress MS KBST

Mechanical strain relief B

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	5.0	8.0	16	10	10	**1812.02**	50
M16x1.5	6.0	10.5	19	11	10	**1817.02**	50
M20x1.5	8.0	15.0	24	12	10	**1820.02**	50
M25x1.5	12.5	20.5	30	13	11	**1825.02**	25
M32x1.5	17.0	25.5	36	15	13	**1832.02**	25
M40x1.5	24.0	33.0	46	17	13	**1840.02**	10

ENTRY THREAD PG

Material:	Nickel-plated brass
Screws:	Stainless steel A2
Temperature range:	-50°C / +300°C
Protection class:	IP 20



Progress MS KBST

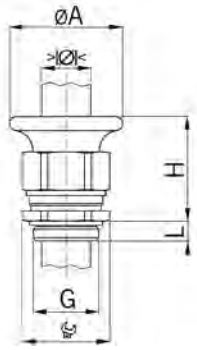
Mechanical strain relief B

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.0	8.0	17	10	5	**1807.02**	50
Pg 9	6.0	10.0	20	11	6	**1809.02**	50
Pg 11	6.0	12.0	22	11	6	**1811.02**	50
Pg 13	7.0	15.0	24	11	7	**1813.02**	50
Pg 16	9.0	17.0	27	12	7	**1816.02**	50
Pg 21	12.0	22.0	35	14	8	**1821.02**	25
Pg 29	18.0	30.0	42	15	8	**1829.02**	10
Pg 36	24.0	36.0	55	18	10	**1836.02**	10

Cable Glands Nickel-Plated Brass

with Trumpet

Short entry thread metric



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS T

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	28	31	5	**1800.10.17**	50
M20x1.5	8.0	15.0	24	34	32	6	**1800.10.20**	50
M25x1.5	12.5	20.5	30	44	38	7	**1800.10.25**	25
M32x1.5	17.0	25.5	36	50	44	8	**1800.10.32**	25
M40x1.5	24.0	33.0	46	57	46	8	**1800.10.40**	10

Long entry thread metric

Progress MS T

Two-piece sealing insert / not overall length insulated

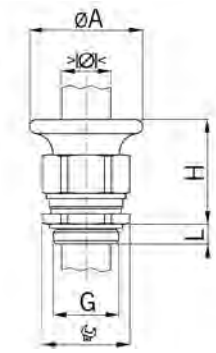
G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	28	31	10	**1800.11.17**	50
M20x1.5	8.0	15.0	24	34	32	10	**1800.11.20**	50
M25x1.5	12.5	20.5	30	44	38	11	**1800.11.25**	25
M32x1.5	17.0	25.5	36	50	44	13	**1800.11.32**	25
M40x1.5	24.0	33.0	46	57	46	13	**1800.11.40**	10

Cable Glands Nickel-Plated Brass

with Trumpet

short entry thread pg

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS T

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	28	31	6	**1800.10.09**	50
Pg 11	5.5	12.0	21	30	31	6	**1800.10.11**	50
Pg 13	8.0	15.0	24	34	32	6	**1800.10.13**	50
Pg 16	8.0	15.0	24	34	32	6	**1800.10.16**	50
Pg 21	12.5	20.5	30	44	38	7.5	**1800.10.21**	25
Pg 29	19.0	27.5	38	50	44	8	**1800.10.29**	10

long entry thread pg

Progress MS T

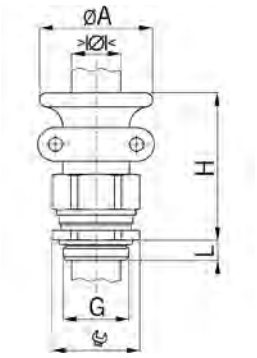
Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	28	31	10	**1800.11.09**	50
Pg 11	5.5	12.0	21	30	31	10	**1800.11.11**	50
Pg 13	8.0	15.0	24	34	32	10	**1800.11.13**	50
Pg 16	8.0	15.0	24	34	32	10	**1800.11.16**	50
Pg 21	12.5	20.5	30	44	38	12	**1800.11.21**	25
Pg 29	19.0	27.5	38	50	44	12	**1800.11.29**	10

Cable Glands Nickel-Plated Brass

with Trumpet / Clamps

short entry thread metric



Material:	Nickel-plated brass
Screws:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version B
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress MS T+KB

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	28	43	5	**1801.10.17**	50
M20x1.5	8.0	15.0	24	34	46	6	**1801.10.20**	50
M25x1.5	12.5	20.5	30	44	52	7	**1801.10.25**	25
M32x1.5	17.0	25.5	36	50	59	8	**1801.10.32**	10
M40x1.5	24.0	33.0	46	57	59	8	**1801.10.40**	5

long entry thread metric

Progress MS T+KB

Two-piece sealing insert / not overall length insulated

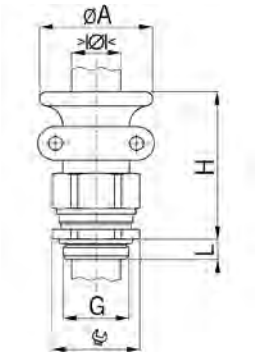
G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	18	28	43	10	**1801.11.17**	50
M20x1.5	8.0	15.0	24	34	46	10	**1801.11.20**	50
M25x1.5	12.5	20.5	30	44	52	11	**1801.11.25**	25
M32x1.5	17.0	25.5	36	50	59	13	**1801.11.32**	10
M40x1.5	24.0	33.0	46	57	59	13	**1801.11.40**	5

Cable Glands Nickel-Plated Brass

with Trumpet / Clamps

short entry thread pg

Material:	Nickel-plated brass
Screws:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress MS T+KB

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	28	43	6	**1801.10.09**	50
Pg 11	5.5	12.0	21	30	43	6	**1801.10.11**	50
Pg 13	8.0	15.0	24	34	46	6	**1801.10.13**	50
Pg 16	8.0	15.0	24	34	46	6	**1801.10.16**	50
Pg 21	12.5	20.5	30	44	52	7.5	**1801.10.21**	25
Pg 29	19.0	27.5	38	50	59	8	**1801.10.29**	10

long entry thread pg

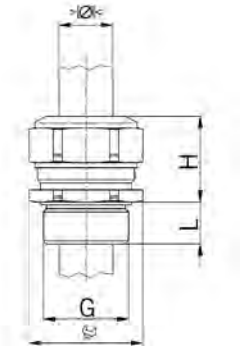
Progress MS T+KB

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	øA mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	18	28	43	10	**1801.11.09**	50
Pg 11	5.5	12.0	21	30	43	10	**1801.11.11**	50
Pg 13	8.0	15.0	24	34	46	10	**1801.11.13**	50
Pg 16	8.0	15.0	24	34	46	10	**1801.11.16**	50
Pg 21	12.5	20.5	30	44	52	12	**1801.11.21**	25
Pg 29	19.0	27.5	38	50	59	12	**1801.11.29**	10

Cable Glands Stainless Steel A2

LONG ENTRY THREAD METRIC



Material:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
Identification:	1 groove
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress S2

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	14	10	1	**1100.08.94.035**	50
M8x1.25	3.5	5.0	11	14	10	1	**1100.08.94.050**	50
M10x1.5	3.0	4.0	13	15	10	1	**1100.10.94.040**	50
M10x1.5	4.0	6.0	13	15	10	1	**1100.10.94.060**	50
M12x1.5	3.5	5.0	17	17	10	-	**1100.12.94.050**	50
M12x1.5	5.0	6.5	17	17	10	-	**1100.12.94.065**	50
M12x1.5	6.5	8.0	17	17	10	-	**1100.12.94.080**	50
M16x1.5	8.0	10.5	19	20	10	-	**1100.17.94.105**	50
M20x1.5	11.0	15.0	24	21	10	-	**1100.20.94.150**	50
M25x1.5	16.0	20.5	30	25	11	-	**1100.25.94.205**	25
M32x1.5	21.0	25.5	36	28	13	-	**1100.32.94.255**	25
M40x1.5	28.5	33.0	46	31	13	-	**1100.40.94.330**	10
M50x1.5	37.0	42.0	55	34	14	-	**1100.50.94.420**	10
M63x1.5	46.0	52.0	70	37	14	-	**1100.63.94.520**	5

1 = Metric coarse-pitch thread

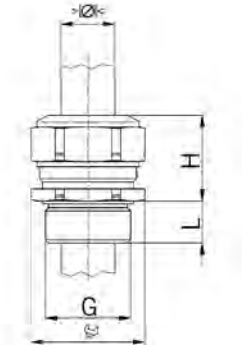
Progress S2

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	19	20	10	**1100.17.94**	50
M20x1.5	8.0	15.0	24	21	10	**1100.20.94**	50
M25x1.5	12.5	20.5	30	25	11	**1100.25.94**	25
M32x1.5	17.0	25.5	36	28	13	**1100.32.94**	25
M40x1.5	24.0	33.0	46	31	13	**1100.40.94**	10
M50x1.5	33.0	42.0	55	34	14	**1100.50.94**	10
M63x1.5	40.0	52.0	70	37	14	**1100.63.94**	5

LONG ENTRY THREAD PG

Material:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
Identification:	1 groove
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress S2

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	17	17	10	**1100.07.94.050**	50
Pg 7	5.0	6.5	17	17	10	**1100.07.94.065**	50
Pg 7	6.5	8.0	17	17	10	**1100.07.94.080**	50
Pg 9	8.0	10.5	19	20	10	**1100.09.94.105**	50
Pg 11	8.5	12.0	22	21	10	**1100.11.94.120**	50
Pg 13	11.0	15.0	24	21	10	**1100.13.94.150**	50
Pg 16	11.0	15.0	24	21	10	**1100.16.94.150**	50
Pg 21	16.0	20.5	30	25	12	**1100.21.94.205**	25
Pg 29	23.0	27.5	41	28	12	**1100.29.94.275**	25
Pg 36	30.5	35.0	50	32	15	**1100.36.94.350**	10
Pg 42	37.0	42.0	55	34	15	**1100.42.94.420**	10
Pg 48	43.0	49.0	65	37	15	**1100.48.94.490**	10

Progress S2

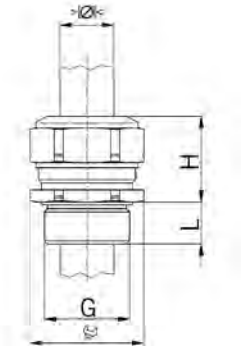
Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	19	20	10	**1100.09.94**	50
Pg 11	5.5	12.0	21	21	10	**1100.11.94**	50
Pg 13	8.0	15.0	24	21	10	**1100.13.94**	50
Pg 16	8.0	15.0	24	21	10	**1100.16.94**	50
Pg 21	12.5	20.5	30	25	12	**1100.21.94**	25
Pg 29	19.0	27.5	41	28	12	**1100.29.94**	25
Pg 36	26.0	35.0	50	32	15	**1100.36.94**	10
Pg 42	33.0	42.0	55	34	15	**1100.42.94**	10
Pg 48	37.0	49.0	65	37	15	**1100.48.94**	10

Cable Glands Stainless Steel A2

for High Temperature Applications

LONG ENTRY THREAD METRIC



Material:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
Identification:	1 groove
Seal:	FPM
O-ring:	FPM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress S2 HT

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	⌀ mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	14	10	1	**1100.08.96.035**	50
M8x1.25	3.5	5.0	11	14	10	1	**1100.08.96.050**	50
M10x1.5	3.0	4.0	13	15	10	1	**1100.10.96.040**	50
M10x1.5	4.0	6.0	13	15	10	1	**1100.10.96.060**	50
M12x1.5	3.5	5.0	17	17	10	-	**1100.12.96.050**	50
M12x1.5	5.0	6.5	17	17	10	-	**1100.12.96.065**	50
M12x1.5	6.5	8.0	17	17	10	-	**1100.12.96.080**	50
M16x1.5	8.0	10.5	19	20	10	-	**1100.17.96.105**	50
M20x1.5	11.0	15.0	24	21	10	-	**1100.20.96.150**	50
M25x1.5	16.0	20.5	30	25	11	-	**1100.25.96.205**	25
M32x1.5	21.0	25.5	36	28	13	-	**1100.32.96.255**	25
M40x1.5	28.5	33.0	46	31	13	-	**1100.40.96.330**	10
M50x1.5	37.0	42.0	55	34	14	-	**1100.50.96.420**	10
M63x1.5	46.0	52.0	70	37	14	-	**1100.63.96.520**	5

1 = Metric coarse-pitch thread

Progress S2 HT

Two-piece sealing insert / not overall length insulated

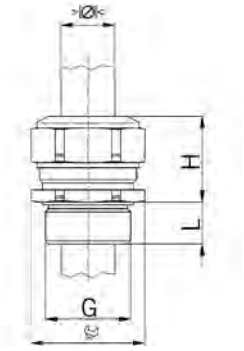
G	>|Ø|< min mm	>|Ø|< max mm	⌀ mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	19	20	10	**1100.17.96**	50
M20x1.5	8.0	15.0	24	21	10	**1100.20.96**	50
M25x1.5	12.5	20.5	30	25	11	**1100.25.96**	25
M32x1.5	17.0	25.5	36	28	13	**1100.32.96**	25
M40x1.5	24.0	33.0	46	31	13	**1100.40.96**	10
M50x1.5	33.0	42.0	55	34	14	**1100.50.96**	10
M63x1.5	40.0	52.0	70	37	14	**1100.63.96**	5

Cable Glands Stainless Steel A2

for High Temperature Applications

LONG ENTRY THREAD PG

Material:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
Identification:	1 groove
Seal:	FPM
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress S2 HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	17	17	10	**1100.07.96.050**	50
Pg 7	5.0	6.5	17	17	10	**1100.07.96.065**	50
Pg 7	6.5	8.0	17	17	10	**1100.07.96.080**	50
Pg 9	8.0	10.5	19	20	10	**1100.09.96.105**	50
Pg 11	8.5	12.0	22	21	10	**1100.11.96.120**	50
Pg 13	11.0	15.0	24	21	10	**1100.13.96.150**	50
Pg 16	11.0	15.0	24	21	10	**1100.16.96.150**	50
Pg 21	16.0	20.5	30	25	12	**1100.21.96.205**	25
Pg 29	23.0	27.5	41	28	12	**1100.29.96.275**	25
Pg 36	30.5	35.0	50	32	15	**1100.36.96.350**	10
Pg 42	37.0	42.0	55	34	15	**1100.42.96.420**	10
Pg 48	43.0	49.0	65	37	15	**1100.48.96.490**	10

Progress S2 HT

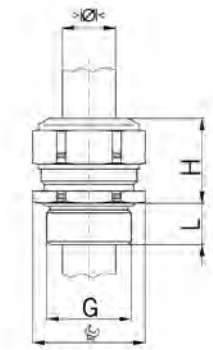
two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	19	20	10	**1100.09.96**	50
Pg 11	5.5	12.0	22	21	10	**1100.11.96**	50
Pg 13	8.0	15.0	24	21	10	**1100.13.96**	50
Pg 16	8.0	15.0	24	21	10	**1100.16.96**	50
Pg 21	12.5	20.5	30	25	12	**1100.21.96**	25
Pg 29	19.0	27.5	41	28	12	**1100.29.96**	25
Pg 36	26.0	35.0	50	32	15	**1100.36.96**	10
Pg 42	33.0	42.0	55	34	15	**1100.42.96**	10
Pg 48	37.0	49.0	65	37	15	**1100.48.96**	10

Cable Glands Stainless & Acid-Resistant Steel A4

for High Temperature Applications

LONG ENTRY THREAD METRIC



Material:	Stainless and acid resistant steel A4 CrNiMo (DIN EN 1.4435 / AISI 316L)
Identification:	2 grooves
Seal:	FPM
O-ring:	FPM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K

Progress S4 HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	14	10	1	**1100.08.98.035**	50
M8x1.25	3.5	5.0	11	14	10	1	**1100.08.98.050**	50
M10x1.5	3.0	4.0	13	15	10	1	**1100.10.98.040**	50
M10x1.5	4.0	6.0	13	15	10	1	**1100.10.98.060**	50
M12x1.5	3.5	5.0	17	17	10	-	**1100.12.98.050**	50
M12x1.5	5.0	6.5	17	17	10	-	**1100.12.98.065**	50
M12x1.5	6.5	8.0	17	17	10	-	**1100.12.98.080**	50
M16x1.5	8.0	10.5	19	20	10	-	**1100.17.98.105**	50
M20x1.5	11.0	15.0	24	21	10	-	**1100.20.98.150**	50
M25x1.5	16.0	20.5	30	25	11	-	**1100.25.98.205**	25
M32x1.5	21.0	25.5	36	28	13	-	**1100.32.98.255**	25
M40x1.5	28.5	33.0	46	31	13	-	**1100.40.98.330**	10
M50x1.5	37.0	42.0	55	34	14	-	**1100.50.98.420**	10
M63x1.5	46.0	52.0	70	37	14	-	**1100.63.98.520**	5

1 = Metric coarse-pitch thread

Progress S4 HT

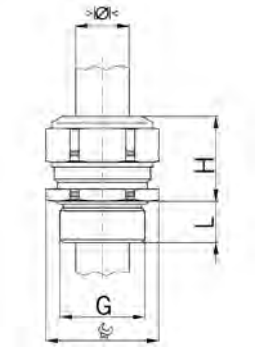
Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M16x1.5	6.0	10.5	19	20	10	**1100.17.98**	50
M20x1.5	8.0	15.0	24	21	10	**1100.20.98**	50
M25x1.5	12.5	20.5	30	25	11	**1100.25.98**	25
M32x1.5	17.0	25.5	36	28	13	**1100.32.98**	25
M40x1.5	24.0	33.0	46	31	13	**1100.40.98**	10
M50x1.5	33.0	42.0	55	34	14	**1100.50.98**	10
M63x1.5	40.0	52.0	70	37	14	**1100.63.98**	5

for High Temperature Applications

LONG ENTRY THREAD PG

Material:	Stainless and acid resistant steel A4 CrNiMo (DIN EN 1.4435 / AISI 316L)
Identification:	2 grooves
Seal:	FPM
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K



Progress S4 HT

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	17	17	10	**1100.07.98.050**	50
Pg 7	5.0	6.5	17	17	10	**1100.07.98.065**	50
Pg 7	6.5	8.0	17	17	10	**1100.07.98.080**	50
Pg 9	8.0	10.5	19	20	10	**1100.09.98.105**	50
Pg 11	8.5	12.0	22	21	10	**1100.11.98.120**	50
Pg 13	11.0	15.0	24	21	10	**1100.13.98.150**	50
Pg 16	11.0	15.0	24	21	10	**1100.16.98.150**	50
Pg 21	16.0	20.5	30	25	12	**1100.21.98.205**	25
Pg 29	23.0	27.5	41	28	12	**1100.29.98.275**	25
Pg 36	30.5	35.0	50	32	15	**1100.36.98.350**	10
Pg 42	37.0	42.0	55	34	15	**1100.42.98.420**	10
Pg 48	43.0	49.0	65	37	15	**1100.48.98.490**	10

Progress S4 HT

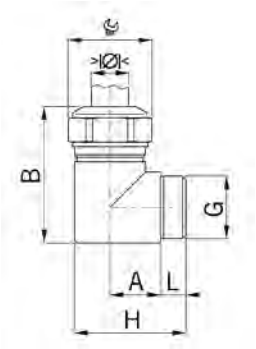
two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	10.5	19	20	10	**1100.09.98**	50
Pg 11	5.5	12.0	22	21	10	**1100.11.98**	50
Pg 13	8.0	15.0	24	21	10	**1100.13.98**	50
Pg 16	8.0	15.0	24	21	10	**1100.16.98**	50
Pg 21	12.5	20.5	30	25	12	**1100.21.98**	25
Pg 29	19.0	27.5	41	28	12	**1100.29.98**	25
Pg 36	26.0	35.0	50	32	15	**1100.36.98**	10
Pg 42	33.0	42.0	55	34	15	**1100.42.98**	10
Pg 48	37.0	49.0	65	37	15	**1100.48.98**	10

Cable Glands Nickel-Plated Brass

Elbow 90°

SHORT ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	TPE
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Entry thread:	IP 68, if the entry thread is sealed

Progress MS W90

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M12x1.5	5.0	6.5	15	27	8	11	32	5200.12	50

Progress MS W90

Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M16x1.5	6.0	10.5	18	30	8	13	36	5200.17	50
M20x1.5	8.0	15.0	24	35	8	16	44	5200.20	50
M25x1.5	12.5	20.5	30	44	10	20	52	5200.25	25
M32x1.5	17.0	25.5	36	50	10	23	60	5200.32	25
M40x1.5	24.0	33.0	46	60	10	28	72	5200.40	10

LONG ENTRY THREAD METRIC

Progress MS W90

One-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M12x1.5	5.0	6.5	15	30	12	11	32	5210.12	50

Progress MS W90

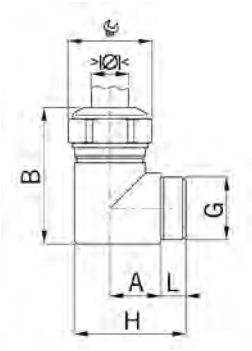
Two-piece sealing insert / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M16x1.5	6.0	10.5	18	34	12	13	36	5210.17	50
M20x1.5	8.0	15.0	24	39	12	16	44	5210.20	50
M25x1.5	12.5	20.5	30	48	14	20	52	5210.25	25
M32x1.5	17.0	25.5	36	56	16	23	60	5210.32	25
M40x1.5	24.0	33.0	46	66	16	28	72	5210.40	10

Elbow 90°

short entry thread pg

Material:	Nickel-plated brass
Seal:	TPE
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Entry thread:	IP 68, if the entry thread is sealed



Progress MS W90

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 7	5.0	6.5	15	27	8	11	32	**5200.07**	50

Progress MS W90

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 9	6.0	10.5	18	30	8	13	36	**5200.09**	50
Pg 11	5.5	12.0	21	35	8	14	40	**5200.11**	50
Pg 13	8.0	15.0	24	41	10	16	44	**5200.13**	50
Pg 16	8.0	15.0	24	41	10	16	44	**5200.16**	50
Pg 21	12.5	20.5	30	44	10	20	52	**5200.21**	25
Pg 29	19.0	27.5	38	56	10	24	65	**5200.29**	10

long entry thread pg

Progress MS W90

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 7	5.0	6.5	15	30	11	11	32	**5210.07**	50

Progress MS W90

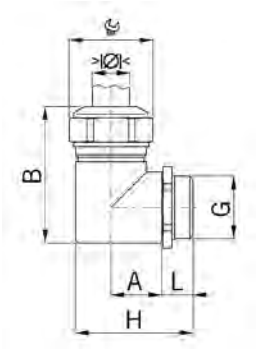
Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 9	6.0	10.5	18	34	11	13	36	**5210.09**	50
Pg 11	5.5	12.0	21	38	11	14	40	**5210.11**	50
Pg 13	8.0	15.0	24	44	13	16	44	**5210.13**	50
Pg 16	8.0	15.0	24	44	13	16	44	**5210.16**	50
Pg 21	12.5	20.5	30	48	14	20	52	**5210.21**	25
Pg 29	19.0	27.5	38	60	14	65	24	**5210.29**	10

Cable Glands Nickel-Plated Brass

Elbow 90°

Long entry thread metric with lock nut



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Progress MS W90

One-piece sealing insert / not overall length insulated

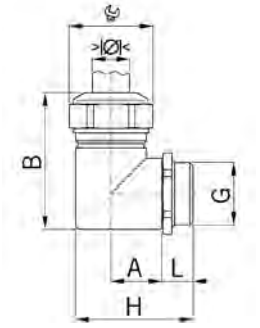
G	⌀ min mm	⌀ max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M12x1.5	5.0	6.5	15	30	12	11	32	**5215.12**	50

Progress MS W90

Two-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
M16x1.5	6.0	10.5	18	34	12	13	36	**5215.17**	50
M20x1.5	8.0	15.0	24	39	12	16	44	**5215.20**	50
M25x1.5	12.5	20.5	30	48	14	20	52	**5215.25**	25
M32x1.5	17.0	25.5	36	56	16	23	60	**5215.32**	25
M40x1.5	24.0	33.0	46	66	16	28	72	**5215.40**	10

Long entry thread PG with lock nut



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Progress MS W90

One-piece sealing insert / not overall length insulated

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 7	5.0	6.5	15	30	11	11	32	**5215.07**	50

Progress MS W90

Two-piece sealing insert / not overall length insulated

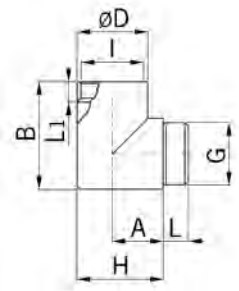
G	⌀ min mm	⌀ max mm	mm	H mm	L mm	A mm	B mm	Part. no.	
Pg 9	6.0	10.5	18	34	11	13	36	**5215.09**	50
Pg 11	5.5	12.0	21	38	11	14	40	**5215.11**	50
Pg 13	8.0	15.0	24	44	13	16	44	**5215.13**	50
Pg 16	8.0	15.0	24	44	13	16	44	**5215.16**	50
Pg 21	12.5	20.5	30	48	14	20	52	**5215.21**	25
Pg 29	19.0	27.5	38	60	14	24	65	**5215.29**	10

Elbow 90° Nickel-Plated Brass

with Internal & External Thread

ENTRY THREAD METRIC

Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed



With O-ring

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	Part. no.	
M12x1.5	**M12x1.5**	15	5.0	7	13	25	20	**5612**	50
M16x1.5	**M16x1.5**	19	6.5	7	16	29	26	**5617**	50
M20x1.5	**M20x1.5**	24	6.0	10	19	37	31	**5620**	50
M25x1.5	**M25x1.5**	29	7.5	10	23	42	37	**5625**	25
M32x1.5	**M32x1.5**	36	8.5	11	26	50	44	**5632**	25
M40x1.5	**M40x1.5**	46	9.5	17	34	67	57	**5640**	10
M50x1.5	**M50x1.5**	56	9.0	17	41	77	69	**5650**	10

ENTRY THREAD PG

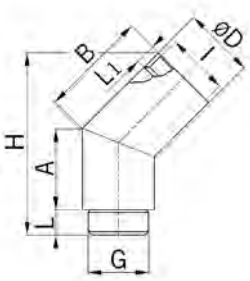
With O-ring

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	Part. no.	
PG 7	**PG 7**	16	7	7	13	23	21	**5607**	50
PG 9	**PG 9**	18	7	7	15	26	24	**5609**	50
PG 11	**PG 11**	22	8	8	18	31	29	**5611**	50
PG 13	**PG 13**	24	10	10	19	34	31	**5613**	50
PG 16	**PG 16**	26	10	10	20	36	33	**5616**	50
PG 21	**PG 21**	34	11	11	24	46	41	**5621**	25
PG 29	**PG 29**	41	11	11	28	52	49	**5629**	20
PG 36	**PG 36**	52	12	17	38	82	64	**5636**	10

Elbows 45° nickel-Plated Brass

with Internal & External Thread

ENTRY THREAD METRIC



Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

With O-Ring

G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	Part. no.	
M16x1.5	M16x1.5	19	6.5	7	13	18	26	**5717**	50
M20x1.5	M20x1.5	24	7.5	10	17	23	33	**5720**	50
M25x1.5	M25x1.5	29	7.0	10	18	25	36	**5725**	25
M32x1.5	M32x1.5	36	8.5	11	21	28	41	**5732**	25

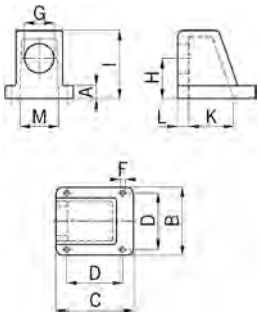
ENTRY THREAD PG

With O-Ring

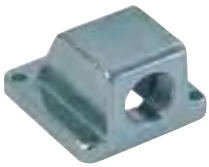
G	I	D mm	L mm	L1 mm	A mm	B mm	H mm	Part. no.	
Pg 11	Pg 11	22	8	11	16	20	30	**5711**	50
Pg 16	Pg 16	26	10	12	18	23	34	**5716**	50
Pg 21	Pg 21	34	11	12	21	26	39	**5721**	25
Pg 29	Pg 29	41	8	16	27	32	-	**5729**	25

Entry thread metric

Flanged elbow 90° aluminum



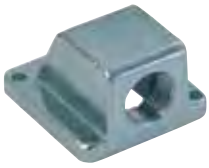
Material:	Aluminium
Seal:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 65
Properties:	For splash water-proof mounting on casing walls with entry thread for cable glands or conduit glands



With 1 entry thread

G	B/C mm	D mm	F mm	A mm	H mm	I mm	K mm	L mm	M mm	Part. no.	
M16x1.5	45 x 48	37	4.3	8	15.5	30	28	10.5	24	**5517**	10
M20x1.5	53 x 56	44	5.5	8	18.0	35	34	10.5	24	**5520**	10
M25x1.5	63 x 65	54	5.5	8	22.5	42	43	11.0	35	**5525**	5
M32x1.5	71 x 75	60	5.5	10	27.0	52	53	11.0	38	**5532**	5
M40x1.5	71 x 75	60	5.5	10	27.0	52	53	11.0	38	**5540**	5
M50x1.5	89 x 93	72	6.5	11	33.5	69	65	18.0	50	**5550**	2
M63x1.5	96 x 114	84	4.3	10	37.0	74	86	14.0	67	**5563**	2

Entry thread PG

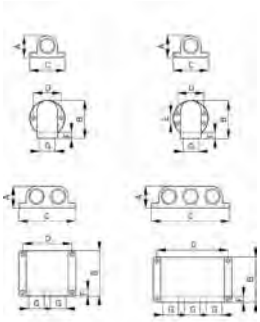


With 1 entry thread

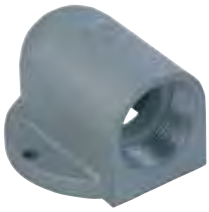
G	B/C mm	D mm	F mm	A mm	H mm	I mm	K mm	L mm	M mm	Part. no.	
Pg 9	45 x 48	37	4.3	8	15.5	30	28	10.5	24	**5509**	10
Pg 13	53 x 56	44	5.5	8	19.0	35	34	10.5	24	**5513**	10
Pg 16	53 x 56	44	5.5	8	19.0	35	34	10.5	24	**5516**	10
Pg 21	63 x 65	54	5.5	8	23.0	42	43	11.0	35	**5521**	10
Pg 29	71 x 75	60	5.5	10	27.0	52	53	11.0	38	**5529**	10
Pg 36	89 x 94	72	6.5	11	34.0	69	65	18.0	50	**5536**	10

Entry thread PG

Flanged elbow 90° zinc diecasting



Material:	Zinc diecasting
Color:	Hammergrey enamel
Seal:	NBR
Temperature range:	-20°C / +100°C
Protection class:	IP 65
Properties:	For splash water-proof mounting on casing walls with entry thread for cable glands or conduit glands



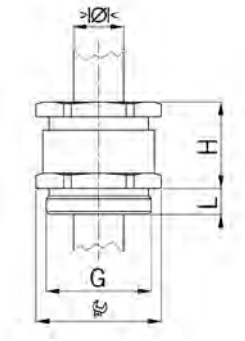
With 1-3 entry threads

G	x	A mm	B mm	C mm	D mm	E mm	F mm	∅ mm	Part. no.	
Pg 16	1 x	31	42	42	36.0	-	11	2x4.5	**5516.10**	10
Pg 21	1 x	40	60	60	52.5	-	12	2x5.2	**5521.10**	10
Pg 29	1 x	51.5	76	66	54.0	36	12	4x5.5	**5529.10**	10
Pg 36	1 x	62	90	85	73.0	30	12	4x5.5	**5536.10**	10
Pg 16	2 x	34	70	91	79.0	58	10	4x5.5	**5516.12**	10
Pg 16	3 x	34	70	124	111.0	56	10	4x5.5	**5516.13**	10

Cable Glands Nickel-Plated Brass

According to DIN 46320-C4-MS

SHORT ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	NBR
Temperature range:	-20°C / +80°C
Protection class:	IP 54

One-piece sealing ring / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	5.0	7.0	14/13	15	5	**B 112**	100
M16x1.5	6.0	8.0	18/15	15	5	**B 117**	100
M20x1.5	8.0	10.0	22/18	19	6	**B 120.10**	50
M20x1.5	10.0	12.0	22/20	19	6	**B 120.12**	50
M20x1.5	12.0	14.0	22/20	19	6	**B 120.14**	50
M25x1.5	15.0	17.0	30/28	23	7	**B 125**	50
M32x1.5	24.0	26.0	40/37	26	8	**B 132**	25
M40x1.5	33.0	35.0	50/47	30	8	**B 140**	20
M50x1.5	41.0	43.0	57/54	34	9	**B 150**	10
M63x1.5	45.0	47.0	66/60	35	10	**B 163**	10

LONG ENTRY THREAD METRIC

One-piece sealing ring / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	5.0	7.0	14/13	15	10	**B 212**	100
M16x1.5	6.0	8.0	18/15	15	10	**B 217**	100
M20x1.5	8.0	10.0	22/18	19	10	**B 220.10**	50
M20x1.5	10.0	12.0	22/20	19	10	**B 220.12**	50
M20x1.5	12.0	14.0	22/20	19	10	**B 220.14**	50
M25x1.5	15.0	17.0	30/28	23	12	**B 225**	50
M32x1.5	24.0	26.0	40/37	26	12	**B 232**	25
M40x1.5	33.0	35.0	50/47	30	14	**B 240**	20
M50x1.5	41.0	43.0	57/54	34	14	**B 250**	10
M63x1.5	45.0	47.0	66/60	35	14	**B 263**	10

Cable Glands Nickel-Plated Brass

with Antikink Nozzle & Clamps

short entry thread metric

Material:	Nickel-plated brass
Seal:	NBR
antikink nozzle:	NBR
Temperature range:	-20°C / +80°C
Protection class:	IP 65 if the entry thread is sealed

One-piece sealing ring / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	3.5	5.0	14/15	28	5	**1852.12.05**	25
M16x1.5	5.5	7.0	17/18	28	6	**1852.16.07**	25
M20x1.5	5.5	7.0	20/22	32	6	**1852.20.07**	25
M20x1.5	7.5	9.0	20/22	32	6	**1852.20.09**	25
M20x1.5	9.0	11.0	22/22	33	6	**1852.20.11**	25
M20x1.5	11.0	13.0	22/22	33	6	**1852.20.13**	25
M20x1.5	13.0	15.0	24/24	35	6	**1852.20.15**	25
M25x1.5	13.5	15.0	30/30	42	7	**1852.25.15**	25
M25x1.5	15.0	17.0	30/30	42	7	**1852.25.17**	25
M25x1.5	17.0	19.0	30/30	42	7	**1852.25.19**	25
M25x1.5	18.0	20.0	30/30	42	7	**1852.25.20**	25
M32x1.5	21.0	23.0	40/40	42	8	**1852.32.23**	1
M32x1.5	23.0	25.0	40/40	42	8	**1852.32.25**	1
M40x1.5	23.0	26.0	50/50	51	9	**1852.40.26**	1
M40x1.5	27.0	30.0	50/50	51	9	**1852.40.30**	1
M40x1.5	30.0	33.0	50/50	51	9	**1852.40.33**	1
M40x1.5	32.0	35.0	50/50	51	9	**1852.40.35**	1

short entry thread PG

One-piece sealing ring / not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	3.5	5.0	14/16	28	5	**1852.07.05**	50
Pg 9	5.5	7.0	17/19	28	6	**1852.09.07**	50
Pg 11	5.5	7.0	20/22	32	6	**1852.11.07**	50
Pg 11	7.5	9.0	20/22	32	6	**1852.11.09**	50
Pg 13	7.5	9.0	22/24	32	6	**1852.13.09**	25
Pg 13	9.0	11.0	22/24	33	6	**1852.13.11**	25
Pg 13	11.0	13.0	22/24	33	6	**1852.13.13**	25
Pg 16	11.5	13.0	24/27	35	6	**1852.16.13**	25
Pg 16	13.0	15.0	24/27	35	6	**1852.16.15**	25
Pg 21	13.5	15.0	30/34	42	7	**1852.21.15**	25
Pg 21	15.0	17.0	30/34	42	7	**1852.21.17**	25
Pg 21	17.0	19.0	30/34	42	7	**1852.21.19**	25
Pg 21	18.0	20.0	30/34	42	7	**1852.21.20**	25
Pg 29	18.0	20.0	40/42	42	8	**1852.29.20**	1
Pg 29	21.0	23.0	40/42	42	8	**1852.29.23**	1
Pg 29	23.0	25.0	40/42	42	8	**1852.29.25**	1
Pg 36	23.0	26.0	50/52	51	9	**1852.36.26**	1
Pg 36	27.0	30.0	50/52	51	9	**1852.36.30**	1
Pg 36	30.0	33.0	50/52	51	9	**1852.36.33**	1
Pg 36	32.0	35.0	50/52	51	9	**1852.36.35**	1
Pg 42	32.0	35.0	57/62	59	10	**1852.42.35**	1
Pg 42	35.0	38.0	57/62	59	10	**1852.42.38**	1
Pg 42	36.0	40.0	57/62	59	10	**1852.42.40**	1
Pg 48	36.0	40.0	64/68	62	10	**1852.48.48.40**	1
Pg 48	40.0	44.0	64/68	62	10	**1852.48.48.44**	1

Cable Glands EMC EasyCONNECT Nickel-Plated Brass with Contact Spring

short entry thread metric

Material:	Nickel-plated brass
Contact spring:	Spring steel 1.4310
Seal:	TPE
O-ring:	NBR
Strain relief:	According to IEC 62444 version A
Temperature range:	-60°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Full control of the installation process thanks to fast and safe assembly for partially stripped shielding cables equally as well as the contact of completely cable shields

Progress MS EMC easyCONNECT

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M12x1.5	3.5	5.0	15	22	5	1	**1083.12.050**	50
M12x1.5	5.0	6.5	15	22	5	1	**1083.12.065**	50
M16x1.5	6.0	10.5	18	25	5	-	**1083.17**	50
M20x1.5	8.0	15.0	24	27	6	-	**1083.20**	50
M25x1.5	12.5	20.5	30	33	7	-	**1083.25**	25
M32x1.5	17.0	25.5	36	33	8	-	**1083.32**	25

1 = One-piece sealing insert

Approvals in preperation

long entry thread metric

Progress MS EMC easyCONNECT

Two-piece sealing insert / not overall length insulated

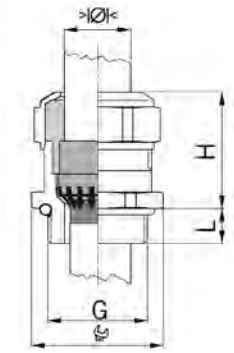
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M12x1.5	3.5	5.0	15	22	10	1	**1183.12.050**	50
M12x1.5	5.0	6.5	15	22	10	1	**1183.12.065**	50
M16x1.5	6.0	10.5	18	25	10	-	**1183.17**	50
M20x1.5	8.0	15.0	24	27	10	-	**1183.20**	50
M25x1.5	12.5	20.5	30	33	11	-	**1183.25**	25
M32x1.5	17.0	25.5	36	33	13	-	**1183.32**	25

1 = One-piece sealing insert

Approvals in preperation

with Contact Disc

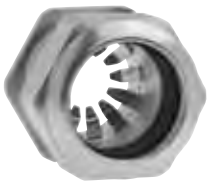
short entry thread metric



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Contact disc:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	For a quick installation of partially dismantled cables as well as thoroughly shielded cables

Progress MS EMC Rapid

One-piece sealing insert / not overall length insulated

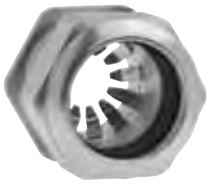


G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	4.5	6.0	15	20	5	**1081.12.060**	50
M12x1.5	6.0	7.5	15	20	5	**1081.12.075**	50
M16x1.5	6.0	8.0	18	23	5	**1081.17.080**	50
M16x1.5	8.0	10.0	18	25	5	**1081.17.100**	50
M20x1.5	8.0	11.0	24	25	6	**1081.20.110**	50
M20x1.5	11.0	14.0	24	27	6	**1081.20.140**	50
M25x1.5	13.0	16.0	30	30	7	**1081.25.160**	25
M25x1.5	16.0	19.0	30	33	7	**1081.25.190**	25
M32x1.5	18.0	21.0	36	32	8	**1081.32.210**	25
M32x1.5	21.0	25.0	36	32	8	**1081.32.250**	25

long entry thread metric

Progress MS EMC Rapid

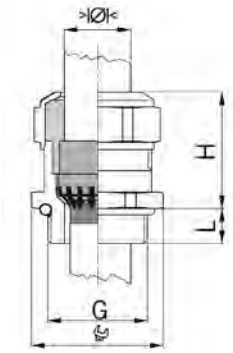
One-piece sealing insert / not overall length insulated



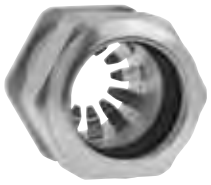
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	4.5	6.0	15	20	10	**1181.12.060**	50
M12x1.5	6.0	7.5	15	20	10	**1181.12.075**	50
M16x1.5	6.0	8.0	18	23	10	**1181.17.080**	50
M16x1.5	8.0	10.0	18	25	10	**1181.17.100**	50
M20x1.5	8.0	11.0	24	25	10	**1181.20.110**	50
M20x1.5	11.0	14.0	24	27	10	**1181.20.140**	50
M25x1.5	13.0	16.0	30	30	11	**1181.25.160**	25
M25x1.5	16.0	19.0	30	33	11	**1181.25.190**	25
M32x1.5	18.0	21.0	36	32	13	**1181.32.210**	25
M32x1.5	21.0	25.0	36	32	13	**1181.32.250**	25

Cable Glands EMC Rapid Nickel-Plated Brass with Contact Disc

short entry thread pg



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Contact disc:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	For a quick installation of partially dismantled cables as well as thoroughly shielded cables

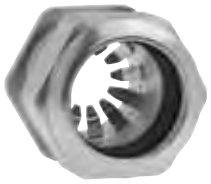


Progress MS EMC Rapid

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.5	6.0	15	20	6	**1081.07.060**	50
Pg 7	6.0	7.5	15	20	6	**1081.07.075**	50
Pg 9	6.0	8.0	18	23	6	**1081.09.080**	50
Pg 9	8.0	10.0	18	25	6	**1081.09.100**	50
Pg 11	5.5	8.5	21	25	6	**1081.11.085**	50
Pg 11	8.5	12.0	21	25	6	**1081.11.120**	50
Pg 13	8.0	11.0	24	25	6	**1081.13.110**	50
Pg 13	11.0	14.0	24	27	6	**1081.13.140**	50
Pg 16	8.0	11.0	24	24	6	**1081.16.110**	50
Pg 16	11.0	14.0	24	27	6	**1081.16.140**	50
Pg 21	13.0	16.0	30	30	7	**1081.21.160**	25
Pg 21	16.0	19.0	30	33	7	**1081.21.190**	25
Pg 29	19.0	23.0	38	33	8	**1081.29.230**	25
Pg 29	23.0	25.5	38	32	8	**1081.29.255**	25

long entry thread pg



Progress MS EMC Rapid

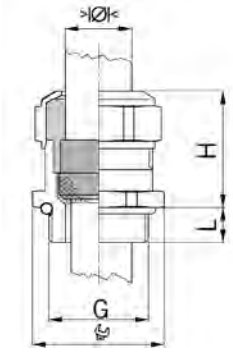
One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.5	6.0	15	20	10	**1181.07.060**	50
Pg 7	6.0	7.5	15	20	10	**1181.07.075**	50
Pg 9	6.0	8.0	18	23	10	**1181.09.080**	50
Pg 9	8.0	10.0	18	25	10	**1181.09.100**	50
Pg 11	5.5	8.5	21	25	10	**1181.11.085**	50
Pg 11	8.5	12.0	21	25	10	**1181.11.120**	50
Pg 13	8.0	11.0	24	25	10	**1181.13.110**	50
Pg 13	11.0	14.0	24	27	10	**1181.13.140**	50
Pg 16	8.0	11.0	24	24	10	**1181.16.110**	50
Pg 16	11.0	14.0	24	27	10	**1181.16.140**	50
Pg 21	13.0	16.0	30	30	12	**1181.21.160**	25
Pg 21	16.0	19.0	30	33	12	**1181.21.190**	25
Pg 29	19.0	23.0	38	33	12	**1181.29.230**	25
Pg 29	23.0	25.5	38	32	12	**1181.29.255**	25

Cable Glands EMC Nickel-Plated Brass

with Contact Sleeve

SHORT ENTRY THREAD METRIC



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland

Progress MS EMC

One-piece sealing insert / not overall length insulated

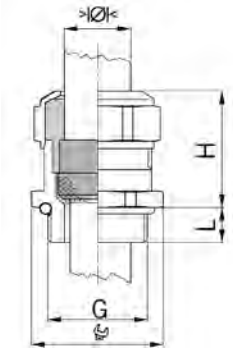
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	15	5	1	**1080.08.035**	50
M8x1.25	3.0	4.0	11	15	5	1	**1080.08.040**	50
M10x1.5	3.0	4.0	13	16	5	1	**1080.10.040**	50
M10x1.5	4.0	6.0	13	16	5	1	**1080.10.060**	50
M12x1.5	4.5	6.0	15	20	5	-	**1080.12.060**	50
M12x1.5	6.0	7.5	15	20	5	-	**1080.12.075**	50
M16x1.5	6.0	8.0	18	23	5	-	**1080.17.080**	50
M16x1.5	8.0	10.0	18	25	5	-	**1080.17.100**	50
M20x1.5	8.0	11.0	24	25	6	-	**1080.20.110**	50
M20x1.5	11.0	14.0	24	27	6	-	**1080.20.140**	50
M25x1.5	13.0	16.0	30	30	7	-	**1080.25.160**	25
M25x1.5	16.0	19.0	30	33	7	-	**1080.25.190**	25
M32x1.5	18.0	21.0	36	32	8	-	**1080.32.210**	25
M32x1.5	21.0	25.0	36	32	8	-	**1080.32.250**	25
M40x1.5	24.0	28.5	46	34	8	-	**1080.40.285**	10
M40x1.5	28.5	32.0	46	34	8	-	**1080.40.320**	10
M50x1.5	33.0	37.0	55	36	9	-	**1080.50.370**	10
M50x1.5	37.0	41.0	55	36	9	-	**1080.50.410**	10
M63x1.5	40.0	46.0	70	39	10	-	**1080.63.460**	5
M63x1.5	46.0	50.0	70	39	10	-	**1080.63.500**	5
M75x1.5	50.0	56.0	80	40	11	-	**1080.75.560**	1
M80x2.0	56.0	65.0	95	45	18	-	**1080.80.650**	1
M85x2.0	63.0	70.0	95	45	18	-	**1080.85.700**	1
M95x2.0	68.0	75.0	110	52	20	-	**1080.95.750**	1

1 = Metric coarse-pitch thread

Cable Glands EMC Nickel-Plated Brass

with Contact Sleeve

LONG ENTRY THREAD METRIC



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Seal:	TPE
O-ring :	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland

Progress MS EMC

One-piece sealing insert / not overall length insulated

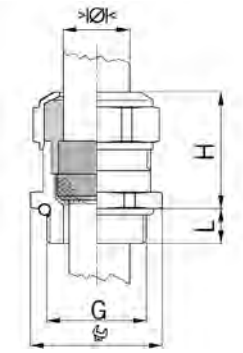
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	15	10	1	**1180.08.035**	50
M8x1.25	3.0	4.0	11	15	10	1	**1180.08.040**	50
M10x1.5	3.0	4.0	13	16	10	1	**1180.10.040**	50
M10x1.5	4.0	6.0	13	16	10	1	**1180.10.060**	50
M12x1.5	4.5	6.0	15	20	10	-	**1180.12.060**	50
M12x1.5	6.0	7.5	15	20	10	-	**1180.12.075**	50
M16x1.5	6.0	8.0	18	23	10	-	**1180.17.080**	50
M16x1.5	8.0	10.0	18	25	10	-	**1180.17.100**	50
M20x1.5	8.0	11.0	24	25	10	-	**1180.20.110**	50
M20x1.5	11.0	14.0	24	27	10	-	**1180.20.140**	50
M25x1.5	13.0	16.0	30	30	11	-	**1180.25.160**	25
M25x1.5	16.0	19.0	30	33	11	-	**1180.25.190**	25
M32x1.5	18.0	21.0	36	32	13	-	**1180.32.210**	25
M32x1.5	21.0	25.0	36	32	13	-	**1180.32.250**	25
M40x1.5	24.0	28.5	46	34	13	-	**1180.40.285**	10
M40x1.5	28.5	32.0	46	34	13	-	**1180.40.320**	10
M50x1.5	33.0	37.0	55	36	14	-	**1180.50.370**	10
M50x1.5	37.0	41.0	55	36	14	-	**1180.50.410**	10
M63x1.5	40.0	46.0	70	39	14	-	**1180.63.460**	5
M63x1.5	46.0	50.0	70	39	14	-	**1180.63.500**	5

1 = Metric coarse-pitch thread

Cable Glands EMC Nickel-Plated Brass

with Contact Sleeve

short entry thread pg



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland

Progress MS EMC

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.5	6.0	15	20	6	**1080.07.060**	50
Pg 7	6.0	7.5	15	20	6	**1080.07.075**	50
Pg 9	6.0	8.0	18	23	6	**1080.09.080**	50
Pg 9	8.0	10.0	18	25	6	**1080.09.100**	50
Pg 11	5.5	8.5	21	23	6	**1080.11.085**	50
Pg 11	8.5	12.0	21	23	6	**1080.11.120**	50
Pg 13	8.0	11.0	24	25	6	**1080.13.110**	50
Pg 13	11.0	14.0	24	27	6	**1080.13.140**	50
Pg 16	8.0	11.0	24	24	6	**1080.16.110**	50
Pg 16	11.0	14.0	24	27	6	**1080.16.140**	50
Pg 21	13.0	16.0	30	30	7.5	**1080.21.160**	25
Pg 21	16.0	19.0	30	33	7.5	**1080.21.190**	25
Pg 29	19.0	23.0	38	33	8	**1080.29.230**	25
Pg 29	23.0	25.5	38	32	8	**1080.29.255**	25
Pg 36	25.0	30.5	50	36	8	**1080.36.305**	10
Pg 36	30.5	35.0	50	34	8	**1080.36.350**	10
Pg 42	33.0	37.0	55	37	10	**1080.42.370**	10
Pg 42	37.0	41.0	55	36	10	**1080.42.410**	10
Pg 48	39.0	43.0	65	42	11	**1080.48.430**	10
Pg 48	43.0	46.5	65	40	11	**1080.48.465**	10

long entry thread pg

Progress MS EMC

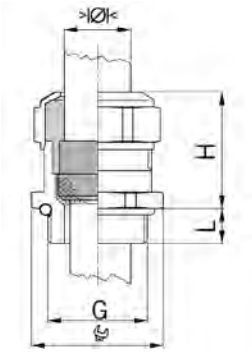
One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.5	6.0	15	20	10	**1180.07.060**	50
Pg 7	6.0	7.5	15	20	10	**1180.07.075**	50
Pg 9	6.0	8.0	18	23	10	**1180.09.080**	50
Pg 9	8.0	10.0	18	25	10	**1180.09.100**	50
Pg 11	5.5	8.5	21	23	10	**1180.11.085**	50
Pg 11	8.5	12.0	21	23	10	**1180.11.120**	50
Pg 13	8.0	11.0	24	25	10	**1180.13.110**	50
Pg 13	11.0	14.0	24	27	10	**1180.13.140**	50
Pg 16	8.0	11.0	24	24	10	**1180.16.110**	50
Pg 16	11.0	14.0	24	27	10	**1180.16.140**	50
Pg 21	13.0	16.0	30	30	12	**1180.21.160**	25
Pg 21	16.0	19.0	30	33	12	**1180.21.190**	25
Pg 29	19.0	23.0	38	33	12	**1180.29.230**	25
Pg 29	23.0	25.5	38	32	12	**1180.29.255**	25
Pg 36	25.0	30.5	50	36	15	**1180.36.305**	10
Pg 36	30.5	35.0	50	34	15	**1180.36.350**	10
Pg 42	33.0	37.0	55	37	15	**1180.42.370**	10
Pg 42	37.0	41.0	55	36	15	**1180.42.410**	10
Pg 48	39.0	43.0	65	42	15	**1180.48.430**	10
Pg 48	43.0	46.5	65	40	15	**1180.48.465**	10

Cable Glands EMC Nickel-Plated Brass

with Contact Sleeve for High Temperature Applications

short entry thread metric



Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M10x1.5	3.0	4.0	13	16	5	1	**1080.10.91.040**	50
M10x1.5	4.0	6.0	13	16	5	1	**1080.10.91.060**	50
M12x1.5	4.5	6.0	15	20	5	-	**1080.12.91.060**	50
M12x1.5	6.0	7.5	15	20	5	-	**1080.12.91.075**	50
M16x1.5	6.0	8.0	18	23	5	-	**1080.17.91.080**	50
M16x1.5	8.0	10.0	18	25	5	-	**1080.17.91.100**	50
M20x1.5	8.0	11.0	24	25	6	-	**1080.20.91.110**	50
M20x1.5	11.0	14.0	24	27	6	-	**1080.20.91.140**	50
M25x1.5	13.0	16.0	30	30	7	-	**1080.25.91.160**	25
M25x1.5	16.0	19.0	30	33	7	-	**1080.25.91.190**	25
M32x1.5	18.0	21.0	36	32	8	-	**1080.32.91.210**	25
M32x1.5	21.0	25.0	36	32	8	-	**1080.32.91.250**	25

1 = Metric coarse-pitch thread

long entry thread metric

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M10x1.5	3.0	4.0	13	16	10	1	**1180.10.91.040**	50
M10x1.5	4.0	6.0	13	16	10	1	**1180.10.91.060**	50
M12x1.5	4.5	6.0	15	20	10	-	**1180.12.91.060**	50
M12x1.5	6.0	7.5	15	20	10	-	**1180.12.91.075**	50
M16x1.5	6.0	8.0	18	23	10	-	**1180.17.91.080**	50
M16x1.5	8.0	10.0	18	25	10	-	**1180.17.91.100**	50
M20x1.5	8.0	11.0	24	25	10	-	**1180.20.91.110**	50
M20x1.5	11.0	14.0	24	27	10	-	**1180.20.91.140**	50
M25x1.5	13.0	16.0	30	30	11	-	**1180.25.91.160**	25
M25x1.5	16.0	19.0	30	33	11	-	**1180.25.91.190**	25
M32x1.5	18.0	21.0	36	32	13	-	**1180.32.91.210**	25
M32x1.5	21.0	25.0	36	32	13	-	**1180.32.91.250**	25

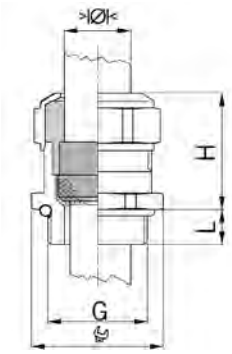
1 = Metric coarse-pitch thread

Cable Glands EMC Nickel-Plated Brass

with Contact Sleeve for High Temperature Applications

short entry thread pg

Material:	Nickel-plated brass
Contact sleeve:	Nickel-plated brass
Seal:	FPM
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	8.0	18	23	6	**1080.09.91.080**	50
Pg 9	8.0	10.0	18	25	6	**1080.09.91.100**	50
Pg 11	5.5	8.5	21	23	6	**1080.11.91.085**	50
Pg 11	8.5	12.0	21	23	6	**1080.11.91.120**	50
Pg 13	8.0	11.0	24	25	6	**1080.13.91.110**	50
Pg 13	11.0	14.0	24	27	6	**1080.13.91.140**	50
Pg 16	8.0	11.0	24	24	6	**1080.16.91.110**	50
Pg 16	11.0	14.0	24	27	6	**1080.16.91.140**	50
Pg 21	13.0	16.0	30	30	7.5	**1080.21.91.160**	25
Pg 21	16.0	19.0	30	33	7.5	**1080.21.91.190**	25
Pg 29	19.0	23.0	38	33	8	**1080.29.91.230**	25
Pg 29	23.0	25.5	38	32	8	**1080.29.91.255**	25

long entry thread pg

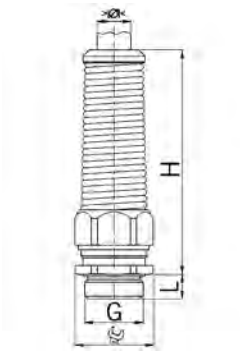
One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 9	6.0	8.0	18	23	10	**1180.09.91.080**	50
Pg 9	8.0	10.0	18	25	10	**1180.09.91.100**	50
Pg 11	5.5	8.5	21	23	10	**1180.11.91.085**	50
Pg 11	8.5	12.0	21	23	10	**1180.11.91.120**	50
Pg 13	8.0	11.0	24	25	10	**1180.13.91.110**	50
Pg 13	8.5	12.0	24	27	10	**1180.13.91.140**	50
Pg 16	8.0	11.0	24	24	10	**1180.16.91.110**	50
Pg 16	11.0	14.0	24	27	10	**1180.16.91.140**	50
Pg 21	13.0	16.0	30	30	12	**1180.21.91.160**	25
Pg 21	16.0	19.0	30	33	12	**1180.21.91.190**	25
Pg 29	19.0	23.0	38	33	12	**1180.29.91.230**	25
Pg 29	23.0	25.5	38	32	12	**1180.29.91.255**	25

Cable Glands EMC Nickel-Plated Brass

with Antikink Spring

short entry thread metric



Material:	Nickel-plated brass
Antikink spring:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Protection type addition:	IP 69K
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland

Progress MS EMC FKN

One-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	i info	Part. no.	
M8x1.25	2.5	3.5	11	50	5	1	**1080.08.52.035**	10
M8x1.25	3.0	4.0	11	50	5	1	**1080.08.52.040**	10
M10x1.5	3.0	4.0	13	54	5	1	**1080.10.52.040**	10
M10x1.5	4.0	6.0	13	54	5	1	**1080.10.52.060**	10
M12x1.5	4.5	6.0	15	60	5	-	**1080.12.52.060**	10
M12x1.5	6.0	7.5	15	60	5	-	**1080.12.52.075**	10
M16x1.5	6.0	8.0	18	69	5	-	**1080.17.52.080**	10
M16x1.5	8.0	10.0	18	69	5	-	**1080.17.52.100**	10
M20x1.5	8.0	11.0	24	88	6	-	**1080.20.52.110**	10
M20x1.5	11.0	14.0	24	88	6	-	**1080.20.52.140**	10
M25x1.5	13.0	16.0	30	104	7	-	**1080.25.52.160**	10
M25x1.5	16.0	19.0	30	104	7	-	**1080.25.52.190**	10
M32x1.5	18.0	21.0	36	112	8	-	**1080.32.52.210**	5
M32x1.5	21.0	24.5	36	112	8	-	**1080.32.52.245**	5

1 = Metric coarse-pitch thread

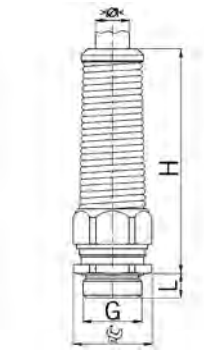
Long entry thread available on request

Cable Glands EMC Nickel-Plated Brass

with Antikink Spring

SHORT ENTRY THREAD PG

Material:	Nickel-plated brass
Antikink spring:	Stainless steel A2
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



Progress MS EMC FKN

One-piece sealing insert / not overall length insulated

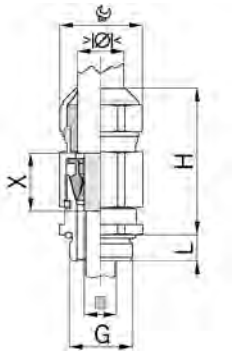
G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
Pg 7	4.5	6.0	15	60	6	**1080.07.52.060**	10
Pg 7	6.0	7.5	15	60	6	**1080.07.52.075**	10
Pg 9	6.0	8.0	18	69	6	**1080.09.52.080**	10
Pg 9	8.0	10.0	18	69	6	**1080.09.52.100**	10
Pg 11	6.0	8.0	18/21	69	6	**1080.11.52.080**	10
Pg 11	8.0	10.0	18/21	69	6	**1080.11.52.100**	10
Pg 13	8.0	11.0	24	88	6	**1080.13.52.110**	10
Pg 13	11.0	14.0	24	88	6	**1080.13.52.140**	10
Pg 16	8.0	11.0	24	88	6	**1080.16.52.110**	10
Pg 16	11.0	14.0	24	88	6	**1080.16.52.140**	10
Pg 21	13.0	16.0	30	104	7	**1080.21.52.160**	5
Pg 21	16.0	19.0	30	104	7	**1080.21.52.190**	5

Long entry thread available on request

Cable Glands EMC Series 85 Nickel-Plated Brass

with Collet Chuck

ENTRY THREAD METRIC



Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Strain relief:	According to EN 50262 version A
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	For high leakage currents, concentric shield contact with minimal transfer resistances and transfer impedances

Progress MS EMC Series 85

Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	>|■|< mm	mm	H mm	L mm	X mm	Part. no.	
M16x1.5	4.5	6.0	3.0-4.5	18	40	6	14	**1000.17.85.045**	25
M16x1.5	6.0	10.5	4.5-8.0	18	42	8	16	**1000.17.85.080**	25
M16x1.5	8.0	15.0	7.5-10.0	24	47	8	20	**1000.17.85.100**	25
M20x1.5	8.0	15.0	7.5-12.0	24	47	8	20	**1000.20.85.120**	25
M20x1.5	12.5	20.5	10.0-14.0	30	59	8	21	**1000.20.85.140**	20
M25x1.5	12.5	20.5	10.0-16.0	30	59	8	21	**1000.25.85.160**	20
M25x1.5	17.0	25.5	14.0-19.0	36	66	8	24	**1000.25.85.190**	25
M32x1.5	17.0	25.5	14.0-22.0	36	66	10	24	**1000.32.85.220**	25
M32x1.5	24.0	33.0	21.0-25.0	46	68	10	24	**1000.32.85.250**	5
M40x1.5	24.0	33.0	21.0-30.0	46	68	12	24	**1000.40.85.300**	5
M50x1.5	33.0	42.0	29.0-38.0	55	77	13	25	**1000.50.85.380**	5
M63x1.5	33.0	42.0	29.0-38.0	70/55	77	15	25	**1000.63.85.380**	5
M63x1.5	40.0	52.0	35.0-44.0	70	78	15	26	**1000.63.85.440**	1

Important!

To provide the best possible protection for the cable shield and the cable, it is necessary to install a copper EMC tape.

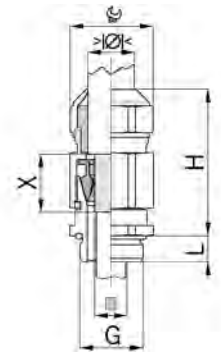
The copper tape must be fixed according to the illustration!
(example: Tape Scotch 3M Typ 1181)

Cable Glands EMC Series 85 Nickel-Plated Brass

with Collet Chuck

ENTRY THREAD PG

Material:	Nickel-plated brass
Seal:	TPE
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68 (up to 10 bar)
Protection type addition:	IP 69K
Properties:	For high leakage currents, concentric shield contact with minimal transfer resistances and transfer impedances



Two-piece sealing insert / not overall length insulated

G	>|Ø|< min mm	>|Ø|< max mm	>|■|< mm	mm	H mm	L mm	X mm	Part. no.	
Pg 11	6.0	10.5	4.5-8.0	21/18	42	8	16	**1000.11.85.080**	25
Pg 11	8.0	15.0	7.5-12.0	24	47	8	20	**1000.11.85.120**	25
Pg 16	8.0	15.0	7.5-12.0	24	47	8	20	**1000.16.85.120**	25
Pg 16	12.5	20.5	10.0-15.0	30	59	8	21	**1000.16.85.150**	25
Pg 21	12.5	20.5	10.0-16.0	30	59	8	21	**1000.21.85.160**	20
Pg 21	17.0	25.5	14.0-19.0	36	66	8	24	**1000.21.85.190**	25
Pg 29	17.0	25.5	14.0-22.0	38/36	66	10	24	**1000.29.85.220**	20
Pg 29	24.0	33.0	21.0-25.0	46	68	10	24	**1000.29.85.250**	5

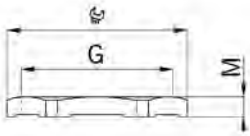
Important!

To provide the best possible protection for the cable shield and the cable, it is necessary to install a copper EMC tape.

Further dimensions upon request

The copper tape must be fixed according to the illustration!
(example: Tape Scotch 3M Typ 1181)

ENTRY THREAD METRIC



EMC lock nuts nickel-plated brass with cutter teeth

Material:	Nickel-plated brass
Execution:	EMC lock nut brass with cutting teeth for optimised shield contact
Temperature range:	-60°C / +200°C

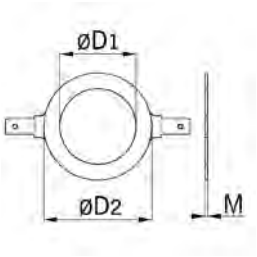
G	mm	M mm	info	Part. no.	
M8x1.25	11	3.3	1	**8008.85**	25
M10x1.5	13	3.3	1	**8010.85**	25
M12x1.5	15	3.5	-	**8012.85**	25
M16x1.5	19	3.5	-	**8017.85**	25
M20x1.5	24	4.0	-	**8020.85**	25
M25x1.5	30	4.0	-	**8025.85**	10
M32x1.5	36	5.0	-	**8032.85**	10
M40x1.5	46	5.3	-	**8040.85**	10
M50x1.5	55	6.3	-	**8050.85**	10
M63x1.5	70	7.0	-	**8063.85**	10

1 = Metric coarse-pitch thread

ENTRY THREAD PG

G	mm	M mm	Part. no.	
Pg 7	15	3.3	**8007.85**	25
Pg 9	18	3.3	**8009.85**	25
Pg 11	21	3.5	**8011.85**	25
Pg 13	24	3.5	**8013.85**	25
Pg 16	26	3.5	**8016.85**	25
Pg 21	32	4.0	**8021.85**	10
Pg 29	41	4.6	**8029.85**	10
Pg 36	50	5.8	**8036.85**	10
Pg 42	60	5.8	**8042.85**	10
Pg 48	64	6.5	**8048.85**	10

Grounding straps suitable for cable glands



Material: Brass raw
Temperature range: -60°C / +200°C
Application: Solderable or pluggable 6,3 x 1,0 mm

Grounding straps suitable for cable glands / Entry thread metric

G	øD1 mm	øD2 mm	M mm	Part. no.	
M12 / Pg 7	13.0	24	1	1007.80.10	100
M16	16.5	24	1	1017.80.10	100
M20	20.5	28	1	1020.80.10	100
M25	25.5	32	1	1025.80.10	100
M32	33.0	40	1	1032.80.10	100
M40	40.5	52	1	1040.80.10	100
M50	50.5	62	1	1050.80.10	50
M63	63.5	78	1	1063.80.10	50

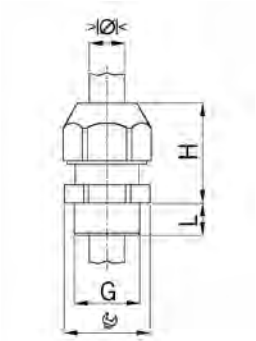
Grounding straps suitable for cable glands / Entry thread Pg

G	øD1 mm	øD2 mm	M mm	Part. no.	
M12 / Pg 7	13.0	24	1	1007.80.10	100
Pg 9	16.0	24	1	1009.80.10	100
Pg 11	19.0	28	1	1011.80.10	100
Pg 13	21.0	28	1	1013.80.10	100
Pg 16	23.0	32	1	1016.80.10	100
Pg 21	29.0	37	1	1021.80.10	100
Pg 29	38.0	52	1	1029.80.10	50
Pg 36	48.0	62	1	1036.80.10	50

Synthetic Cable Glands Syntec®

with Lamellar Technology

short entry thread metric



Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	TPE or CR (Neoprene)
Tested acc. to:	EN 50262
Temperature range:	-30°C / +100°C
Protection class:	IP 68

SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	min mm	max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	21	6	**1555.12.06**	100
M16x1.5	2.0	6.0	19	25	8	**1555.17.06**	50
M16x1.5	4.5	10.0	19	25	8	**1555.17.10**	50
M20x1.5	3.5	8.0	24	29	9	**1555.20.08**	50
M20x1.5	7.0	13.0	24	29	9	**1555.20.13**	50
M25x1.5	5.0	11.0	29	38	10	**1555.25.11**	25
M25x1.5	10.0	17.0	29	38	10	**1555.25.17**	25
M32x1.5	17.0	25.0	42	36	10	**1555.32.25**	20

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	min mm	max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	21	6	**1556.12.06**	100
M16x1.5	2.0	6.0	19	25	8	**1556.17.06**	50
M16x1.5	4.5	10.0	19	25	8	**1556.17.10**	50
M20x1.5	3.5	8.0	24	29	9	**1556.20.08**	50
M20x1.5	7.0	13.0	24	29	9	**1556.20.13**	50
M25x1.5	5.0	11.0	29	38	10	**1556.25.11**	25
M25x1.5	10.0	17.0	29	38	10	**1556.25.17**	25
M32x1.5	17.0	25.0	42	36	10	**1556.32.25**	20

SYNTEC

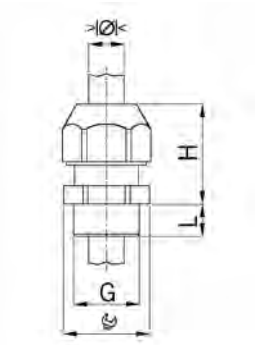
Black RAL 9005 / One-piece sealing ring

G	min mm	max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	21	6	**1545.12.06**	100
M16x1.5	2.0	6.0	19	25	8	**1545.17.06**	50
M16x1.5	4.5	10.0	19	25	8	**1545.17.10**	50
M20x1.5	3.5	8.0	24	29	9	**1545.20.08**	50
M20x1.5	7.0	13.0	24	29	9	**1545.20.13**	50
M25x1.5	5.0	11.0	29	38	10	**1545.25.11**	25
M25x1.5	10.0	17.0	29	38	10	**1545.25.17**	25
M32x1.5	17.0	25.0	42	36	10	**1545.32.25**	20

with Lamellar Technology

Long entry thread metric

Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	TPE or CR (Neoprene)
Tested acc. to:	EN 50262
Temperature range:	-30°C / +100°C
Protection class:	IP 68



SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	21	12	**1555.12.1.06**	100
M16x1.5	2.0	6.0	19	25	15	**1555.17.1.06**	50
M16x1.5	4.5	10.0	19	25	15	**1555.17.1.10**	50
M20x1.5	3.5	8.0	24	29	15	**1555.20.1.08**	50
M20x1.5	7.0	13.0	24	29	15	**1555.20.1.13**	50
M25x1.5	5.0	11.0	29	38	15	**1555.25.1.11**	25
M25x1.5	10.0	17.0	29	38	15	**1555.25.1.17**	25
M32x1.5	17.0	25.0	42	36	15	**1555.32.1.25**	20
M40x1.5	22.0	33.0	53	48	15	**1555.40.1.33**	10
M50x1.5	28.0	38.0	60	48	15	**1555.50.1.38**	5
M63x1.5	32.0	44.0	65	49	16	**1555.63.1.44**	5

SYNTEC

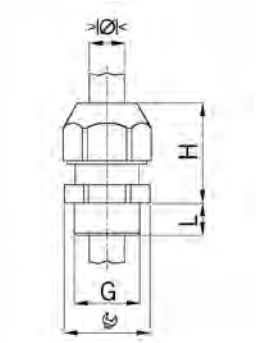
Dark grey RAL 7001 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	21	12	**1556.12.1.06**	100
M16x1.5	2.0	6.0	19	25	15	**1556.17.1.06**	50
M16x1.5	4.5	10.0	19	25	15	**1556.17.1.10**	50
M20x1.5	3.5	8.0	24	29	15	**1556.20.1.08**	50
M20x1.5	7.0	13.0	24	29	15	**1556.20.1.13**	50
M25x1.5	5.0	11.0	29	38	15	**1556.25.1.11**	25
M25x1.5	10.0	17.0	29	38	15	**1556.25.1.17**	25
M32x1.5	17.0	25.0	42	36	15	**1556.32.1.25**	20
M40x1.5	22.0	33.0	53	48	15	**1556.40.1.33**	10
M50x1.5	28.0	38.0	60	48	15	**1556.50.1.38**	5
M63x1.5	32.0	44.0	65	49	16	**1556.63.1.44**	5

Synthetic Cable Glands Syntec®

with Lamellar Technology

LONG ENTRY THREAD METRIC



Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	TPE or CR (Neoprene)
Tested acc. to:	EN 50262
Temperature range:	-30°C / +100°C
Protection class:	IP 68

SYNTEC

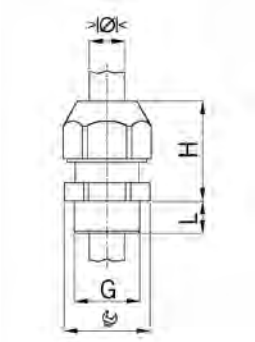
Black RAL 9005 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. No.	
M12x1.5	2.5	6.5	15	21	12	**1545.12.1.06**	100
M16x1.5	2.0	6.0	19	25	15	**1545.17.1.06**	50
M16x1.5	4.5	10.0	19	25	15	**1545.17.1.10**	50
M20x1.5	3.5	8.0	24	29	15	**1545.20.1.08**	50
M20x1.5	7.0	13.0	24	29	15	**1545.20.1.13**	50
M25x1.5	5.0	11.0	29	38	15	**1545.25.1.11**	25
M25x1.5	10.0	17.0	29	38	15	**1545.25.1.17**	25
M32x1.5	17.0	25.0	42	36	15	**1545.32.1.25**	20
M40x1.5	22.0	33.0	53	48	15	**1545.40.1.33**	10
M50x1.5	28.0	38.0	60	48	15	**1545.50.1.38**	5
M63x1.5	32.0	44.0	65	49	16	**1545.63.1.44**	5

with Lamellar Technology

ENTRY THREAD PG

Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Temperature range:	-30°C / +100°C
Protection class:	IP 68



SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	21	8	**1555.07.06**	100
Pg 9	3.0	8.0	19	23	8	**1555.09.08**	50
Pg 11	2.0	7.0	22	25	8	**1555.11.07**	50
Pg 11	4.0	10.0	22	25	8	**1555.11.10**	50
Pg 13	3.0	7.0	24	26	9	**1555.13.07**	50
Pg 13	5.5	12.0	24	26	9	**1555.13.12**	50
Pg 16	5.0	11.0	27	30	10	**1555.16.11**	50
Pg 16	8.5	14.0	27	30	10	**1555.16.14**	50
Pg 21	6.5	14.0	33	35	11	**1555.21.14**	25
Pg 21	11.0	18.0	33	35	11	**1555.21.18**	25
Pg 29	17.0	25.0	42	36	11	**1555.29.25**	20
Pg 36	22.0	33.0	53	48	15	**1555.36.33**	10
Pg 42	28.0	38.0	60	48	15	**1555.42.38**	5
Pg 48	32.0	44.0	65	48	15	**1555.48.44**	5

SYNTEC

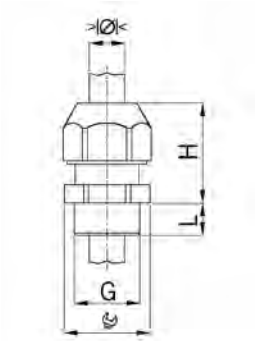
Dark grey RAL 7001 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	21	8	**1556.07.06**	100
Pg 9	3.0	8.0	19	23	8	**1556.09.08**	50
Pg 11	2.0	7.0	22	25	8	**1556.11.07**	50
Pg 11	4.0	10.0	22	25	8	**1556.11.10**	50
Pg 13	3.0	7.0	24	26	9	**1556.13.07**	50
Pg 13	5.5	12.0	24	26	9	**1556.13.12**	50
Pg 16	5.0	11.0	27	30	10	**1556.16.11**	50
Pg 16	8.5	14.0	27	30	10	**1556.16.14**	50
Pg 21	6.5	14.0	33	35	11	**1556.21.14**	25
Pg 21	11.0	18.0	33	35	11	**1556.21.18**	25
Pg 29	17.0	25.0	42	36	11	**1556.29.25**	20
Pg 36	22.0	33.0	53	48	15	**1556.36.33**	10
Pg 42	28.0	38.0	60	48	15	**1556.42.38**	5
Pg 48	32.0	44.0	65	48	15	**1556.48.44**	5

Synthetic Cable Glands Syntec®

with Lamellar Technology

ENTRY THREAD PG



Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Temperature range:	-30°C / +100°C
Protection class:	IP 68

SYNTEC

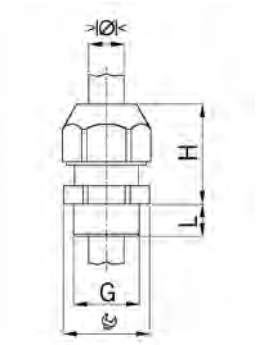
Black RAL 9005 / One-piece sealing ring

G	⌀ min mm	⌀ max mm	mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	21	8	**1545.07.06**	100
Pg 9	3.0	8.0	19	23	8	**1545.09.08**	50
Pg 11	2.0	7.0	22	25	8	**1545.11.07**	50
Pg 11	4.0	10.0	22	25	8	**1545.11.10**	50
Pg 13	3.0	7.0	24	26	9	**1545.13.07**	50
Pg 13	5.5	12.0	24	26	9	**1545.13.12**	50
Pg 16	5.0	11.0	27	30	10	**1545.16.11**	50
Pg 16	8.5	14.0	27	30	10	**1545.16.14**	50
Pg 21	6.5	14.0	33	35	11	**1545.21.14**	25
Pg 21	11.0	18.0	33	35	11	**1545.21.18**	25
Pg 29	17.0	25.0	42	36	11	**1545.29.25**	20
Pg 36	22.0	33.0	53	48	15	**1545.36.33**	10
Pg 42	28.0	38.0	60	48	15	**1545.42.38**	5
Pg 48	32.0	44.0	65	48	15	**1545.48.44**	5

with Lamellar Technology

ENTRY THREAD NPT

Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Temperature range:	-30°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed



SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	23	15	**1555.N0375.08**	50
NPT 1/2"	3.0	7.0	24	26	15	**1555.N0500.07**	50
NPT 1/2"	5.5	12.0	24	26	15	**1555.N0500.12**	50
NPT 3/4"	6.5	14.0	33	35	15	**1555.N0750.14**	25
NPT 3/4"	11.0	18.0	33	35	15	**1555.N0750.18**	25
NPT 1"	17.0	22.0	42	36	15	**1555.N1000.22**	20

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	23	15	**1556.N0375.08**	50
NPT 1/2"	3.0	7.0	24	26	15	**1556.N0500.07**	50
NPT 1/2"	5.5	12.0	24	26	15	**1556.N0500.12**	50
NPT 3/4"	6.5	14.0	33	35	15	**1556.N0750.14**	25
NPT 3/4"	11.0	18.0	33	35	15	**1556.N0750.18**	25
NPT 1"	17.0	22.0	42	36	15	**1556.N1000.22**	20

SYNTEC

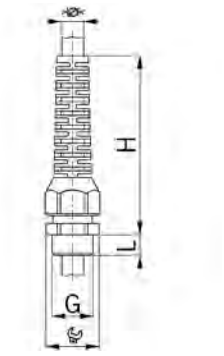
Black RAL 9005 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	23	15	**1545.N0375.08**	50
NPT 1/2"	3.0	7.0	24	26	15	**1545.N0500.07**	50
NPT 1/2"	5.5	12.0	24	26	15	**1545.N0500.12**	50
NPT 3/4"	6.5	14.0	33	35	15	**1545.N0750.14**	25
NPT 3/4"	11.0	18.0	33	35	15	**1545.N0750.18**	25
NPT 1"	17.0	22.0	42	36	15	**1545.N1000.22**	20

Synthetic Cable Glands Syntec®

with Lamellar Technology & Antikink Nozzle

SHORT ENTRY THREAD METRIC



Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Tested acc. to:	EN 50262
Temperature range:	-30°C / +100°C
Protection class:	IP 68

SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	6	**1576.12.06**	50
M16x1.5	4.0	8.0	19	64	6	**1576.17.08**	50
M20x1.5	3.0	7.0	24	88	8	**1576.20.07**	50
M20x1.5	5.5	12.0	24	88	8	**1576.20.12**	50

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	6	**1577.12.06**	50
M16x1.5	4.0	8.0	19	64	6	**1577.17.08**	50
M20x1.5	3.0	7.0	24	88	8	**1577.20.07**	50
M20x1.5	5.5	12.0	24	88	8	**1577.20.12**	50

SYNTEC

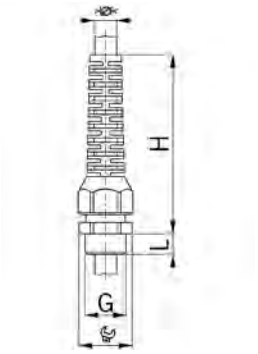
Black RAL 9005 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	6	**1546.12.06**	50
M16x1.5	4.0	8.0	19	64	6	**1546.17.08**	50
M20x1.5	3.0	8.0	24	88	8	**1546.20.07**	50
M20x1.5	5.5	12.0	24	88	8	**1546.20.12**	50

with Lamellar Technology & Antikink Nozzle

Long entry thread metric

Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Tested acc. to:	EN 50262
Temperature range:	-30°C / +100°C
Protection class:	IP 68



SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	12	1576.12.1.06	50
M16x1.5	4.0	8.0	19	64	12	1576.17.1.08	50
M20x1.5	3.0	7.0	24	88	13	1576.20.1.07	50
M20x1.5	5.5	12.0	24	88	13	1576.20.1.12	50

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	12	1577.12.1.06	50
M16x1.5	4.0	8.0	19	64	12	1577.17.1.08	50
M20x1.5	3.0	7.0	24	88	13	1577.20.1.07	50
M20x1.5	5.5	12.0	24	88	13	1577.20.1.12	50

SYNTEC

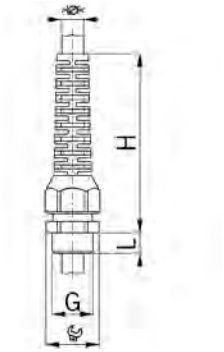
Black RAL 9005 / One-piece sealing ring

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	L mm	Part. no.	
M12x1.5	2.5	6.5	15	54	12	1546.12.1.06	50
M16x1.5	4.0	8.0	19	64	12	1546.17.1.08	50
M20x1.5	3.0	7.0	24	88	13	1546.20.1.07	50
M20x1.5	5.5	12.0	24	88	13	1546.20.1.12	50

Synthetic Cable Glands Syntec®

with Lamellar Technology & Antikink Nozzle

ENTRY THREAD PG



Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Temperature range:	-30°C / +100°C
Protection class:	IP 68

SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	54	8	**1576.07.06**	50
Pg 9	3.0	8.0	19	64	8	**1576.09.08**	50
Pg 11	2.0	7.0	22	77	8	**1576.11.07**	50
Pg 11	4.0	10.0	22	77	8	**1576.11.10**	50
Pg 13	3.0	7.0	24	88	9	**1576.13.07**	50
Pg 13	5.5	12.0	24	88	9	**1576.13.12**	50
Pg 16	5.0	11.0	27	102	10	**1576.16.11**	50
Pg 16	8.5	14.0	27	102	10	**1576.16.14**	50

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	54	8	**1577.07.06**	50
Pg 9	3.0	8.0	19	64	8	**1577.09.08**	50
Pg 11	2.0	7.0	22	77	8	**1577.11.07**	50
Pg 11	4.0	10.0	22	77	8	**1577.11.10**	50
Pg 13	3.0	7.0	24	88	9	**1577.13.07**	50
Pg 13	5.5	12.0	24	88	9	**1577.13.12**	50
Pg 16	5.0	11.0	27	102	10	**1577.16.11**	50
Pg 16	8.5	14.0	27	102	10	**1577.16.14**	50

SYNTEC

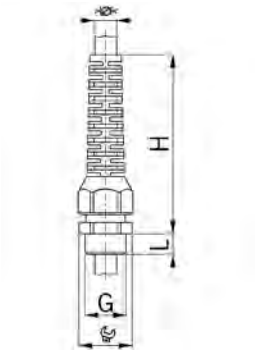
Black RAL 9005 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	⌀ mm	H mm	L mm	Part. no.	
Pg 7	2.5	6.5	15	54	8	**1546.07.06**	50
Pg 9	3.0	8.0	19	64	8	**1546.09.08**	50
Pg 11	2.0	7.0	22	77	8	**1546.11.07**	50
Pg 11	4.0	10.0	22	77	8	**1546.11.10**	50
Pg 13	3.0	7.0	24	88	9	**1546.13.07**	50
Pg 13	5.5	12.0	24	88	9	**1546.13.12**	50
Pg 16	5.0	11.0	27	102	10	**1546.16.11**	50
Pg 16	8.5	14.0	27	102	10	**1546.16.14**	50

with Lamellar Technology & Antikink Nozzle

ENTRY THREAD NPT

Material:	Polyamide PA 6
Properties:	halogen-free
Sealing ring:	CR (neoprene)
Temperature range:	-30°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed



SYNTEC

Light grey RAL 7035 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	64	15	**1576.N0375.08**	50
NPT 1/2"	3.0	7.0	24	88	15	**1576.N0500.07**	50
NPT 1/2"	5.5	12.0	24	88	15	**1576.N0500.12**	50

SYNTEC

Dark grey RAL 7001 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	64	15	**1577.N0375.08**	50
NPT 1/2"	3.0	7.0	24	88	15	**1577.N0500.07**	50
NPT 1/2"	5.5	12.0	24	88	15	**1577.N0500.12**	50

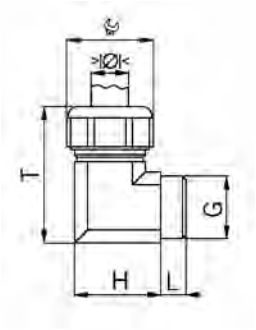
SYNTEC

Black RAL 9005 / One-piece sealing ring

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Part. no.	
NPT 3/8"	3.0	8.0	19/22	64	15	**1546.N0375.08**	50
NPT 1/2"	3.0	7.0	24	88	15	**1546.N0500.07**	50
NPT 1/2"	5.5	12.0	24	88	15	**1546.N0500.12**	50

Synthetic Cable Glands Elbow 90°

Entry thread metric



Material:	Polyamide PA 6
Seal:	PVC / TPE
Temperature range:	-20°C / +100°C
Protection class:	IP 68

Light grey RAL 7035 / One-piece sealing insert

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	T mm	L mm	Part. no.	
M16x1.5	6.5	9.5	19	22	38	8	**5215.17.95**	25
M20x1.5	7.0	10.5	24	28	46	9	**5215.20.105**	25
M20x1.5	9.0	13.0	24	28	46	9	**5215.20.13**	25
M25x1.5	11.5	15.5	27	32	52	10	**5215.25.155**	25

Black RAL 9005 / One-piece sealing insert

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	T mm	L mm	Part. no.	
M16x1.5	6.5	9.5	19	22	38	8	**5215.17.40.95**	25
M20x1.5	7.0	10.5	24	28	46	9	**5215.20.40.105**	25
M20x1.5	9.0	13.0	24	28	46	9	**5215.20.40.13**	25
M25x1.5	11.5	15.5	27	32	52	10	**5215.25.40.155**	25

Entry thread PG

Light grey RAL 7035 / One-piece sealing insert

G	>|Ø|< min mm	>|Ø|< max mm	mm	H mm	T mm	L mm	Part. no.	
Pg 9	4.5	6.5	19	22	38	8	**5215.09.65**	25
Pg 9	6.5	9.5	19	22	38	8	**5215.09.95**	25
Pg 11	7.0	10.5	22	25	42	9	**5215.11.105**	25
Pg 11	4.0	6.5	22	25	42	9	**5215.11.65**	25
Pg 11	6.5	9.5	22	25	42	9	**5215.11.95**	25
Pg 13	7.0	10.5	24	28	46	9	**5215.13.105**	25
Pg 13	9.0	13.0	24	28	46	9	**5215.13.13**	25
Pg 13	6.5	9.5	24	32	46	9	**5215.13.95**	25
Pg 16	7.0	10.5	27	32	52	10	**5215.16.105**	25
Pg 16	9.0	13.0	27	32	52	10	**5215.16.13**	25
Pg 16	11.5	15.5	27	32	52	10	**5215.16.155**	25
Pg 16	6.5	9.5	27	32	52	10	**5215.16.95**	25

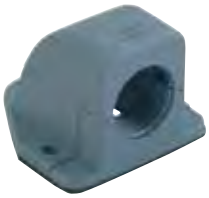
Synthetic Flanged Elbow 90°

Entry thread metric

Material:	Polyamide
Seal:	NBR
Temperature range:	-40°C / +110°C
Protection class:	IP 65
Properties:	The flanged elbow can be opened to insert the cables and therefore permits an effortless installation

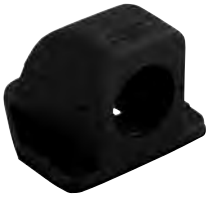
Grey

G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	Part. no.	
M16x1.5	49	47	35	22	27	29	37	**5500.20.17**	10
M20x1.5	49	47	35	22	27	29	37	**5500.20.20**	10
M25x1.5	69	65	44	30	31	42	52	**5500.20.25**	10
M32x1.5	90	78	55	40	65	65	65	**5500.20.32**	10
M40x1.5	100	94	66	48	68	80	80	**5500.20.40**	5
M50x1.5	116	101	76	63	85	88	88	**5500.20.50**	5



Black

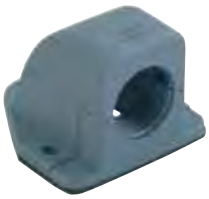
G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	Part. no.	
M16x1.5	49	47	35	22	27	29	37	**5500.40.17**	10
M20x1.5	49	47	35	22	27	29	37	**5500.40.20**	10
M25x1.5	69	65	44	30	31	42	52	**5500.40.25**	10
M32x1.5	90	78	55	40	65	65	65	**5500.40.32**	10
M40x1.5	100	94	66	48	68	80	80	**5500.40.40**	5
M50x1.5	116	101	76	63	85	88	88	**5500.40.50**	5



Entry thread PG

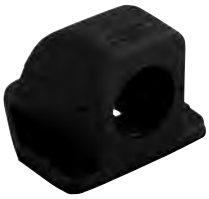
Grey

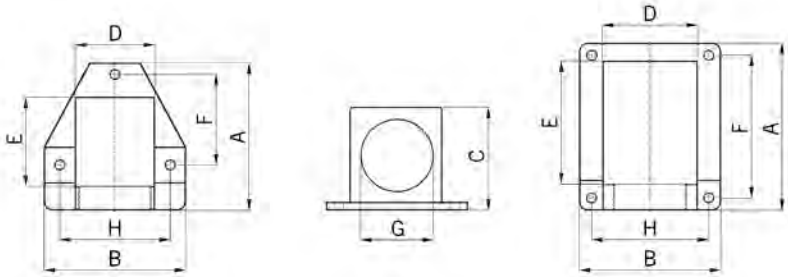
G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	Part. no.	
Pg 11	49	47	35	22	27	29	37	**5520.11**	10
Pg 16	49	47	35	22	27	29	37	**5520.16**	10
Pg 21	69	65	44	30	31	42	52	**5520.21**	10
Pg 29	90	78	55	40	65	65	65	**5520.29**	10
Pg 36	100	94	66	48	68	80	80	**5520.36**	5
Pg 48	116	101	76	63	85	88	88	**5520.48.48**	5



Black

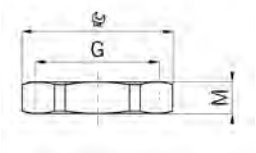
G	A mm	B mm	C mm	D mm	E mm	F mm	H mm	Part. no.	
Pg 11	49	47	35	22	27	29	37	**5540.11**	10
Pg 16	49	47	35	22	27	29	37	**5540.16**	10
Pg 21	69	65	44	30	31	42	52	**5540.21**	10
Pg 29	90	78	55	40	65	65	65	**5540.29**	10
Pg 36	100	94	66	48	68	80	80	**5540.36**	5
Pg 48	116	101	76	63	85	88	88	**5540.48.48**	5





Lock Nut Nickel-Plated Brass

ENTRY THREAD METRIC



Material:	Nickel-plated brass
Execution:	Hexagonal design
Temperature range:	-40°C / +200°C

METRIC THREAD

G	mm	M mm	i info	Part. no.	
M6x0.75	9	2.8	-	**8000.06.1**	50
M6x1.0	9	2.8	1	**8000.06**	50
M8x1.0	11	2.8	-	**8000.08.1**	50
M8x1.25	11	2.8	1	**8000.08**	50
M10x1.0	13	2.8	-	**8000.10.1**	50
M10x1.5	13	2.8	1	**8000.10**	50
M12x1.5	15	3.0	-	**8000.12**	100
M16x1.5	19	3.0	-	**8000.17**	100
M20x1.5	24	3.5	-	**8000.20**	100
M25x1.5	30	4.0	-	**8000.25**	50
M32x1.5	36	4.0	-	**8000.32**	25
M40x1.5	46	5.0	-	**8000.40**	25
M50x1.5	55	5.5	-	**8000.50**	10
M63x1.5	70	6.0	-	**8000.63**	10
M75x1.5	80	6.0	-	**8000.75**	10
M80x2.0	95	8	-	**8000.080**	5
M85x2.0	95	8.0	-	**8000.085**	5
M95x2.0	110	9.0	-	**8000.095**	5
M100x3.0	115	9.0	-	**8000.100**	1
M105x3.0	120	9.0	-	**8000.105**	1
M115x3.0	125	10.0	-	**8000.115**	1

1 = Metric coarse-pitch thread

ENTRY THREAD PG

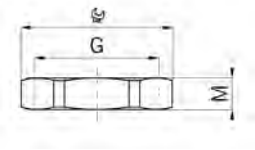
PG THREAD

G	mm	M mm	Part. no.	
Pg 7	15	3.0	**8007**	50
Pg 9	18	3.0	**8009**	50
Pg 11	21	3.0	**8011**	50
Pg 13	23	3.0	**8013**	50
Pg 16	26	3.0	**8016**	50
Pg 21	32	3.5	**8021**	25
Pg 29	41	4.0	**8029**	10
Pg 36	51	5.0	**8036**	10
Pg 42	60	5.0	**8042**	10
Pg 48	64	5.5	**8048.48**	10

Lock Nut Nickel-Plated Brass

gas-pipe thread metric

Material: Nickel-plated brass
Execution: Hexagonal design
Temperature range: -40°C / +200°C



Gas-pipe thread

G	mm	M mm	info	Part. no.	
G 3/8"	19	3.0	-	**803/8G**	10
G 1/2"	24	3.0	-	**801/2G**	10
G 3/8"	26	3.0	-	**805/8G**	10
G 3/4"	30	3.5	-	**803/4G**	10
G 1"	38	4.5	-	**801G**	10
G 1 1/2"	51	5.0	-	**8011/2G**	10
G 1 1/4"	46	5.0	-	**8011/4G**	10
G 2"	64	5.5	-	**8048**	10
G 2 1/2"	Ø90	12.0	1	**8050**	50
G 3"	Ø105	12.0	1	**8051**	50

1 = Round form, zinc coated steel

entry thread metric

Thick-walled version

G	mm	M mm	Part. no.	
M12x1.5	15	5.0	**8300.12**	50
M16x1.5	19	5.0	**8300.17**	50
M20x1.5	24	5.5	**8300.20**	50
M25x1.5	30	5.5	**8300.25**	50
M32x1.5	36	6.0	**8300.32**	50
M40x1.5	46	7.0	**8300.40**	50

entry thread pg

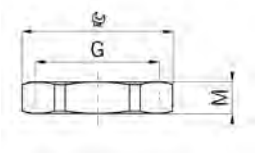
Thick-walled version

G	mm	M mm	Part. no.	
Pg 7	15	5.0	**8300.07**	50
Pg 9	18	5.0	**8300.09**	50
Pg 11	21	5.0	**8300.11**	50
Pg 13	24	5.5	**8300.13**	50
Pg 16	26	5.5	**8300.16**	50
Pg 21	32	6.0	**8300.21**	50
Pg 29	41	7.0	**8300.29**	50

Lock Nut Nickel-Plated Brass

with Recess for O-Ring

ENTRY THREAD METRIC



Material:	Nickel-plated brass
Execution:	Hexagonal design
O-ring:	To be ordered separately
Temperature range:	-40°C / +200°C

Thick-walled version without O-Ring

G	mm	M mm	O-ring	Part. no.	
M12x1.5	15	5.0	1007.00.08	**8300.12.1**	50
M16x1.5	19	5.0	1016.00.15.08	**8300.17.1**	50
M20x1.5	24	5.5	1016.00.08	**8300.20.1**	50
M25x1.5	30	5.5	1013.00.22.08	**8300.25.1**	50
M32x1.5	36	6.0	1021.00.30.08	**8300.32.1**	50
M40x1.5	46	7.0	1029.00.39.08	**8300.40.1**	50
M50x1.5	55	7.5	1036.00.49.08	**8300.50.1**	10
M63x1.5	70	8.0	1048.00.62.08	**8300.63.1**	10

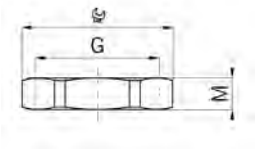
Stainless Steel Lock Nuts

stainless steel a2

Material: CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)

Execution: Hexagonal design

Temperature range: -40°C / +300°C



Metric thread

G	mm	M mm	i info	Part. no.	
M8x1.25	11	2.8	1	**8008.96**	50
M10x1.5	13	2.8	1	**8010.96**	50
M12x1.5	17	3.0	-	**8012.96**	50
M16x1.5	19	3.0	-	**8017.96**	50
M20x1.5	24	3.5	-	**8020.96**	50
M25x1.5	30	3.5	-	**8025.96**	25
M32x1.5	36	4.5	-	**8032.96**	25
M40x1.5	46	4.5	-	**8040.96**	10
M50x1.5	55	5.5	-	**8050.96**	10
M63x1.5	70	6.0	-	**8063.96**	5

1 = Metric coarse-pitch thread

Pg thread

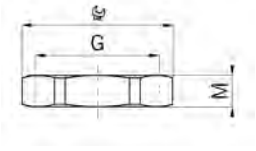
G	mm	M mm	Part. no.	
Pg 7	17	3.5	**8007.96**	50
Pg 9	19	3.5	**8009.96**	50
Pg 11	22	3.5	**8011.96**	50
Pg 13	24	4.0	**8013.96**	50
Pg 16	27	4.0	**8016.96**	50
Pg 21	32	4.5	**8021.96**	25
Pg 29	41	5.5	**8029.96**	10
Pg 36	51	6.0	**8036.96**	10

stainless steel and acid resistant a4

Material: Stainless and acid resistant steel A4 CrNiMo (DIN EN 1.4435 / AISI 316L)

Execution: Hexagonal design

Temperature range: -40°C / +300°C



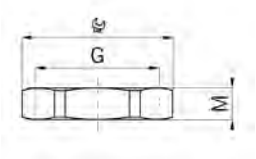
metric thread

G	mm	M mm	i info	Part. no.	
M8x1.25	11	2.8	1	**8008.98**	50
M10x1.5	13	2.8	1	**8010.98**	50
M12x1.5	17	3.0	-	**8012.98**	50
M16x1.5	19	3.0	-	**8017.98**	50
M20x1.5	24	3.5	-	**8020.98**	50
M25x1.5	30	3.5	-	**8025.98**	25
M32x1.5	36	4.5	-	**8032.98**	25
M40x1.5	46	4.5	-	**8040.98**	10
M50x1.5	55	5.5	-	**8050.98**	10
M63x1.5	70	6.0	-	**8063.98**	5

1 = Metric coarse-pitch thread

Synthetic Lock Nuts

Entry Thread Metric



Material: Polyamide glass fiber reinforced
Execution: Hexagonal design
Temperature range: -40°C / +100°C

Light grey RAL 7035

G	mm	M mm	Part. no.	
M12x1.5	17	5.5	8212	100
M16x1.5	22	5.5	8217	100
M20x1.5	26	6.5	8220	100
M25x1.5	32	7.0	8225	100
M32x1.5	41	7.0	8232	100
M40x1.5	50	7.0	8240	50
M50x1.5	60	8.5	8250	10

Black RAL 9005

G	mm	M mm	Part. no.	
M12x1.5	17	5.5	8212.40	100
M16x1.5	22	5.5	8217.40	100
M20x1.5	26	6.5	8220.40	100
M25x1.5	32	7.0	8225.40	100
M32x1.5	41	7.0	8232.40	100
M40x1.5	50	7.0	8240.40	50
M50x1.5	60	8.5	8250.40	10

Entry Thread PG

Light grey RAL 7035

G	mm	M mm	Part. no.	
Pg 7	19	5.0	8207	100
Pg 9	22	6.0	8209	100
Pg 11	24	6.0	8211	100
Pg 13	27	6.0	8213	100
Pg 16	30	6.0	8216	100
Pg 21	36	7.0	8221	100
Pg 29	46	7.0	8229	50
Pg 36	60	8.0	8236	25
Pg 42	65	8.0	8242	25
Pg 48	70	8.0	8248.48	25

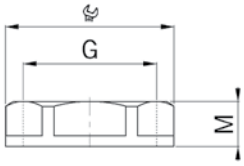
Black RAL 9005

G	mm	M mm	Part. no.	
Pg 7	19	5.0	8207.40	100
Pg 9	22	6.0	8209.40	100
Pg 11	24	6.0	8211.40	100
Pg 13	27	6.0	8213.40	100
Pg 16	30	6.0	8216.40	100
Pg 21	36	7.0	8221.40	100
Pg 29	46	7.0	8229.40	50
Pg 36	60	8.0	8236.40	25
Pg 42	65	8.0	8242.40	25
Pg 48	70	8.0	8248.48.40	25

Synthetic Lock Nuts with Flange

Entry thread metric

Material: Polyamide PA 6
Execution: Hexagonal design with flange
Temperature range: -30°C / +100°C



Light grey RAL 7035

G	mm	M mm	Part. no.	
M12x1.5	17	5.0	**8255.12**	100
M16x1.5	22	5.0	**8255.17**	100
M20x1.5	27	6.0	**8255.20**	100
M25x1.5	33	6.7	**8255.25**	100
M32x1.5	42	7.9	**8255.32**	50
M40x1.5	48	8.4	**8255.40**	50
M50x1.5	59	9.9	**8255.50**	10
M63x1.5	73	11.0	**8255.63**	10

Black RAL 9005

G	mm	M mm	Part. no.	
M12x1.5	17	5.0	**8245.12**	100
M16x1.5	22	5.0	**8245.17**	100
M20x1.5	27	6.0	**8245.20**	100
M25x1.5	33	6.7	**8245.25**	100
M32x1.5	42	7.9	**8245.32**	50
M40x1.5	48	8.4	**8245.40**	50
M50x1.5	59	9.9	**8245.50**	10
M63x1.5	73	11.0	**8245.63**	10

Entry thread PG

Light grey RAL 7035

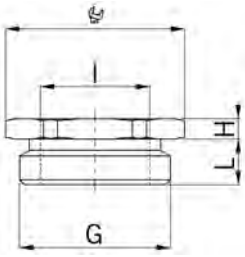
G	mm	M mm	Part. no.	
Pg 7	19	5.0	**8255.07**	100
Pg 9	21	5.0	**8255.09**	100
Pg 11	24	5.0	**8255.11**	100
Pg 13	27	6.0	**8255.13**	100
Pg 16	30	6.0	**8255.16**	100
Pg 21	36	7.0	**8255.21**	50
Pg 29	46	8.0	**8255.29**	50
Pg 36	59	8.0	**8255.36**	25
Pg 42	65	8.0	**8255.42**	10
Pg 48	69	8.0	**8255.48**	10

Black RAL 9005

G	mm	M mm	Part. no.	
Pg 7	19	5.0	**8245.07**	100
Pg 9	21	5.0	**8245.09**	100
Pg 11	24	5.0	**8245.11**	100
Pg 13	27	6.0	**8245.13**	100
Pg 16	30	6.0	**8245.16**	100
Pg 21	36	7.0	**8245.21**	50
Pg 29	46	8.0	**8245.29**	50
Pg 36	59	8.0	**8245.36**	25
Pg 42	65	8.0	**8245.42**	10
Pg 48	69	8.0	**8245.48**	10

Reduction & Enlarging Fittings Nickel-Plated Brass

hexagonal reduction fittings



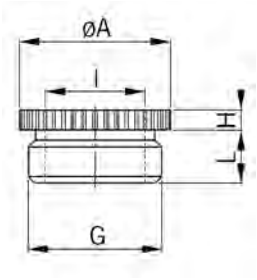
Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Outer thread metric / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	i info	Part. no.	
M 8x1.25	M 6x1.0	11	8.0	5	1	**3500.08.06**	50
M10x1.5	M 6x1.0	13	3.0	5	1	**3500.10.06**	50
M10x1.5	M 8x1.25	13	8.0	5	1	**3500.10.08**	50
M12x1.5	M 8x1.25	15	3.0	5	1	**3500.12.08**	50
M12x1.5	M10x1.5	15	8.0	5	1	**3500.12.10**	50
M16x1.5	M10x1.5	18	3.0	5	1	**3500.17.10**	50
M16x1.5	M12x1.5	18	3.0	5	-	**3500.17.12**	50
M20x1.5	M12x1.5	24	3.0	6	-	**3500.20.12**	50
M20x1.5	M16x1.5	24	3.0	6	-	**3500.20.17**	50
M25x1.5	M16x1.5	30	3.5	7	-	**3500.25.17**	25
M25x1.5	M20x1.5	30	3.5	7	-	**3500.25.20**	25
M32x1.5	M20x1.5	36	4.0	8	-	**3500.32.20**	20
M32x1.5	M25x1.5	36	4.0	8	-	**3500.32.25**	20
M40x1.5	M25x1.5	46	4.5	8	-	**3500.40.25**	10
M40x1.5	M32x1.5	46	4.5	8	-	**3500.40.32**	10
M50x1.5	M32x1.5	55	5.0	9	-	**3500.50.32**	10
M50x1.5	M40x1.5	55	5.0	9	-	**3500.50.40**	10
M63x1.5	M40x1.5	70	5.5	10	-	**3500.63.40**	5
M63x1.5	M50x1.5	70	5.5	10	-	**3500.63.50**	5
M75x1.5	M50x1.5	80	6.0	11	-	**3500.75.50**	5
M75x1.5	M63x1.5	80	6.0	11	-	**3500.75.63**	5

1 = Metric coarse-pitch thread

Round, knurled reduction fittings

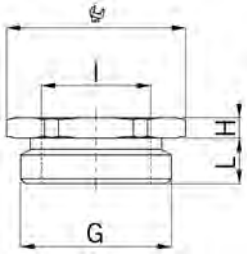


Material: Nickel-plated brass
Temperature range: -40°C / +200°C
Protection class: IP 54
Protection type addition: IP 68, if the entry thread is sealed

Outer thread metric / Inner thread metric / without O-Ring

G	I	øA mm	H mm	L mm	Part. no.	
M16x1.5	M12x1.5	18	3	7	**3545.17.12**	100
M20x1.5	M12x1.5	22	3	8	**3545.20.12**	100
M20x1.5	M16x1.5	22	3	8	**3545.20.17**	100
M25x1.5	M16x1.5	27	3	8	**3545.25.17**	50
M25x1.5	M20x1.5	27	3	8	**3545.25.20**	50
M32x1.5	M20x1.5	34	4	9	**3545.32.20**	50
M32x1.5	M25x1.5	34	4	9	**3545.32.25**	50
M40x1.5	M25x1.5	42	4.5	9	**3545.40.25**	50
M40x1.5	M32x1.5	42	4.5	9	**3545.40.32**	25
M50x1.5	M32x1.5	52	4.5	10	**3545.50.32**	25
M50x1.5	M40x1.5	52	4.5	10	**3545.50.40**	10
M63x1.5	M40x1.5	65	5	11	**3545.63.40**	10
M63x1.5	M50x1.5	65	5	11	**3545.63.50**	10

Hexagonal Reduction Fittings

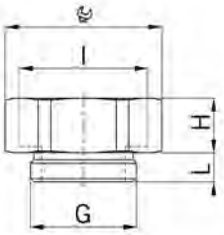


Material: Nickel-plated brass
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68

Outer thread metric / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	Part. no.	
Pg 9	Pg 7	18	3.0	6.5	**3509.07**	50
Pg 11	Pg 7	20	3.0	6.5	**3511.07**	50
Pg 11	Pg 9	22	3.0	7.0	**3511.09**	50
Pg 13	Pg 7	24	3.0	7.0	**3513.07**	50
Pg 13	Pg 9	24	3.0	7.0	**3513.09**	50
Pg 13	Pg 11	24	3.0	7.0	**3513.11**	50
Pg 16	Pg 9	24	3.0	7.0	**3516.09**	50
Pg 16	Pg 11	24	3.0	7.0	**3516.11**	50
Pg 16	Pg 13	27	3.0	7.0	**3516.13**	50
Pg 21	Pg 11	32	3.5	7.5	**3521.11**	25
Pg 21	Pg 13	32	3.5	7.5	**3521.13**	25
Pg 21	Pg 16	32	3.5	7.5	**3521.16**	25
Pg 29	Pg 13	38	4.0	8.0	**3529.13**	10
Pg 29	Pg 16	38	4.0	8.0	**3529.16**	10
Pg 29	Pg 21	38	4.0	8.0	**3529.21**	10
Pg 36	Pg 21	50	4.5	8.5	**3536.21**	10
Pg 36	Pg 29	50	4.5	8.5	**3536.29**	10
Pg 42	Pg 29	60	4.0	11.0	**3542.29**	10
Pg 42	Pg 36	60	4.0	11.0	**3542.36**	10
Pg 48	Pg 36	65	4.0	11.0	**3548.48.36**	10

Hexagonal enlarging fittings



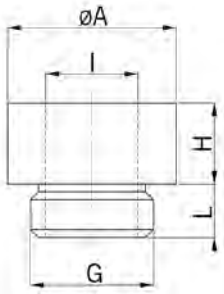
Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Outer thread metric / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	i info	Part. no.	
M 6x1.0	M 8x1.25	11	8.5	5	1	**3600.06.08**	50
M 6x1.0	M10x1.5	13	8.5	5	1	**3600.06.10**	50
M 8x1.25	M10x1.5	13	9	5	1	**3600.08.10**	50
M 8x1.25	M12x1.5	15	9	5	1	**3600.08.12**	50
M10x1.5	M12x1.5	15	9	5	1	**3600.10.12**	50
M10x1.5	M16x1.5	18	9	5	1	**3600.10.17**	50
M12x1.5	M16x1.5	18	9	5	-	**3600.12.17**	50
M12x1.5	M20x1.5	24	10	5	-	**3600.12.20**	50
M16x1.5	M20x1.5	24	10	5	-	**3600.17.20**	50
M20x1.5	M25x1.5	30	11.5	6	-	**3600.20.25**	25
M25x1.5	M32x1.5	36	14	7	-	**3600.25.32**	25
M32x1.5	M40x1.5	46	14	8	-	**3600.32.40**	25
M40x1.5	M50x1.5	55	16	8	-	**3600.40.50**	10
M50x1.5	M63x1.5	70	17	9	-	**3600.50.63**	10
M63x1.5	M75x1.5	80	18	10	-	**3600.63.75**	10

1 = Metric coarse-pitch thread

Round execution enlarging fittings



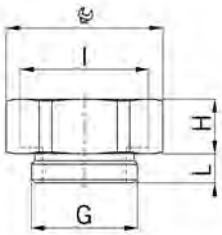
Material:	Nickel-plated brass
Temperature range:	-40°C / +200°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

Outer thread metric / Inner thread metric / without O-ring

G	I	øA mm	H mm	L mm	Part. no.	
M12x1.5	M16x1.5	19	9.5	6.5	**3645.12.17**	100
M16x1.5	M20x1.5	22	10.5	7	**3645.17.20**	100
M20x1.5	M25x1.5	27	11	8	**3645.20.25**	100
M25x1.5	M32x1.5	34	12	8	**3645.25.32**	50
M32x1.5	M40x1.5	42	12	9	**3645.32.40**	50
M40x1.5	M50x1.5	53	14	9	**3645.40.50**	25
M50x1.5	M63x1.5	66	19	10	**3645.50.63**	25

hexagonal enlarging fittings

Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

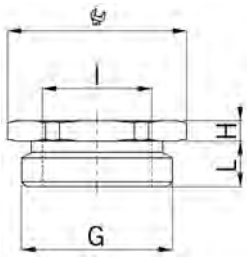


Outer thread metric / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	Part. no.	
Pg 7	Pg 9	18	13	8	**3607.09.08**	50
Pg 9	Pg 11	22	15	8	**3609.11.08**	50
Pg 9	Pg 13	24	15	8	**3609.13.08**	50
Pg 11	Pg 13	24	15	8	**3611.13.08**	50
Pg 11	Pg 16	24	15	8	**3611.16.08**	50
Pg 11	Pg 21	32	16	8	**3611.21.08**	50
Pg 13	Pg 16	24	15	8	**3613.16.08**	50
Pg 16	Pg 21	32	16	8	**3616.21.08**	25
Pg 16	Pg 29	40	16	8	**3616.29.08**	25
Pg 21	Pg 29	40	16	8	**3621.29.08**	25
Pg 29	Pg 36	50	18	10	**3629.36.08**	20
Pg 36	Pg 42	60	19	12	**3636.42.08**	10
Pg 36	Pg 48	64	20	12	**3636.48.48.08**	10

Adapter Nickel-Plated Brass

HEXAGONAL



Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Outer thread metric / Inner thread PG / with O-ring

G	I	mm	H mm	L mm	Part. no.	
M16x1.5	PG 7	20	3.0	7	**3500.17.07**	50
M20x1.5	PG 7	24	3.0	7	**3500.20.07**	50
M20x1.5	PG 9	24	3.0	7	**3500.20.09**	50
M20x1.5	PG 11	24	13.0	7	**3500.20.11**	50
M25x1.5	PG 9	30	3.5	8	**3500.25.09**	50
M25x1.5	PG 11	30	3.5	8	**3500.25.11**	50
M25x1.5	PG 13	30	3.8	8	**3500.25.13**	50
M25x1.5	PG 16	30	15.0	8	**3500.25.16**	25
M32x1.5	PG 21	38	16.0	8	**3500.32.21**	25
M40x1.5	PG 29	45	16.0	8	**3500.40.29**	10
M50x1.5	PG 29	55	4.0	10	**3500.50.29**	10
M63x1.5	PG 36	70	5.5	11	**3500.63.36**	10

Outer thread metric / Inner thread PG / with O-ring

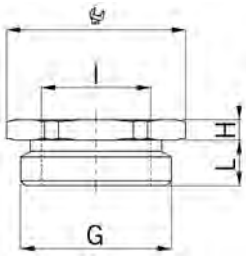
G	I	mm	H mm	L mm	i info	Part. no.	
M10x1.5	PG 7	16	12	6	1	**3600.10.07**	50
M10x1.5	PG 9	18	12	6	1	**3600.10.09**	50
M12x1.5	PG 9	18	12	7	-	**3600.12.09**	50
M16x1.5	PG 11	22	14	7	-	**3600.17.11**	50
M20x1.5	PG 13	24	15	7	-	**3600.20.13**	50
M20x1.5	PG 16	24	15	7	-	**3600.20.16**	50
M25x1.5	PG 21	32	16	8	-	**3600.25.21**	25
M32x1.5	PG 29	40	16	8	-	**3600.32.29**	25
M40x1.5	PG 36	50	18	8	-	**3600.40.36**	20
M50x1.5	PG 42	60	19	10	-	**3600.50.42**	10
M50x1.5	PG 48	64	20	10	-	**3600.50.48**	10

1 = Metric coarse-pitch thread

Adapter Nickel-Plated Brass

HEXAGONAL

Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68



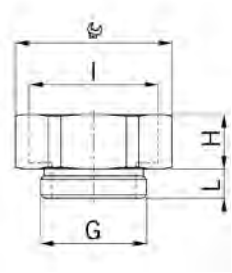
Outer thread PG / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	i info	Part. no.	
PG 7	M 6x1.0	15	3.0	6	1	**3500.07.06**	50
PG 7	M 8x1.25	15	3.0	6	1	**3500.07.08**	50
PG 7	M10x1.5	15	7.0	6	1	**3500.07.10**	50
PG 9	M 6x1.0	18	3.0	6	1	**3500.09.06**	50
PG 9	M 8x1.25	18	3.0	6	1	**3500.09.08**	50
PG 9	M10x1.5	18	3.0	6	1	**3500.09.10**	50
PG 9	M12x1.5	18	8.0	6	-	**3500.09.12**	50
PG 11	M 6x1.0	21	3.0	6	1	**3500.11.06**	50
PG 11	M 8x1.25	21	3.0	6	1	**3500.11.08**	50
PG 11	M10x1.5	21	3.0	6	1	**3500.11.10**	50
PG 11	M12x1.5	21	3.0	6	-	**3500.11.12**	50
PG 11	M16x1.5	21	8.0	6	-	**3500.11.17**	50
PG 13	M12x1.5	24	3.0	6	-	**3500.13.12**	50
PG 13	M16x1.5	24	3.0	6	-	**3500.13.17**	50
PG 16	M12x1.5	24	3.0	6	-	**3500.16.12**	25
PG 16	M16x1.5	24	3.0	6	-	**3500.16.17**	25
PG 16	M20x1.5	24	10.5	6	-	**3500.16.20**	25
PG 21	M16x1.5	30	3.5	7.5	-	**3500.21.17**	25
PG 21	M20x1.5	30	3.5	7.5	-	**3500.21.20**	25
PG 21	M25x1.5	30	10.5	7.5	-	**3500.21.25**	25
PG 29	M25x1.5	38	4.0	8	-	**3500.29.25**	20
PG 29	M32x1.5	38	13.0	8	-	**3500.29.32**	20
PG 36	M32x1.5	50	4.5	8	-	**3500.36.32**	10
PG 36	M40x1.5	50	4.5	8	-	**3500.36.40**	10
PG 42	M32x1.5	55	5.0	10	-	**3500.42.32**	10
PG 42	M40x1.5	55	5.0	10	-	**3500.42.40**	10
PG 42	M50x1.5	55	15.0	10	-	**3500.42.50**	10
PG 48	M40x1.5	65	5.5	11	-	**3500.48.40**	5
PG 48	M50x1.5	65	5.5	11	-	**3500.48.50**	5

1 = Metric coarse-pitch thread

Adapter Nickel-Plated Brass

HEXAGONAL

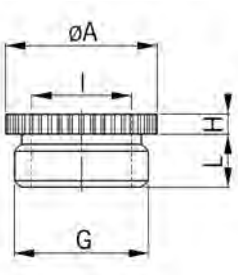


Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Outer thread Pg / Inner thread metric / with O-ring

G	I	mm	H mm	L mm	Part. no.	
Pg 7	M12x1.5	15	9.0	6	**3600.07.12**	50
Pg 7	M16x1.5	18	9.0	6	**3600.07.17**	50
Pg 9	M16x1.5	18	9.5	6	**3600.09.17**	50
Pg 9	M20x1.5	24	10.5	6	**3600.09.20**	50
Pg 11	M20x1.5	24	10.5	6	**3600.11.20**	50
Pg 11	M25x1.5	30	11.5	6	**3600.11.25**	25
Pg 13	M20x1.5	24	10.5	6	**3600.13.20**	50
Pg 13	M25x1.5	30	11.5	6	**3600.13.25**	25
Pg 16	M25x1.5	30	11.5	6	**3600.16.25**	25
Pg 16	M32x1.5	36	13.5	6	**3600.16.32**	25
Pg 21	M32x1.5	36	14.0	7.5	**3600.21.32**	25
Pg 21	M40x1.5	46	14.0	7.5	**3600.21.40**	20
Pg 29	M40x1.5	46	14.0	8	**3600.29.40**	20
Pg 29	M50x1.5	55	16.0	8	**3600.29.50**	10
Pg 36	M50x1.5	55	16.0	8	**3600.36.50**	10
Pg 36	M63x1.5	70	17.0	8	**3600.36.63**	10
Pg 42	M63x1.5	70	17.0	10	**3600.42.63**	10
Pg 42	M75x1.5	80	18.0	10	**3600.42.75**	10
Pg 48	M63x1.5	70	17.0	11	**3600.48.63**	10
Pg 48	M75x1.5	80	18.0	11	**3600.48.75**	10

ROUND, KNURLED



Material:	Nickel-plated brass
Temperature range:	-40°C / +200°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

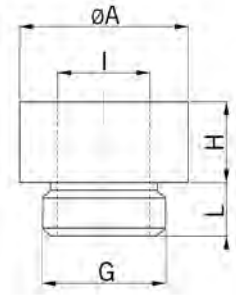
Outer thread Pg / Inner thread metric / without O-ring

G	I	øA mm	H mm	L mm	Part. no.	
Pg 11	M16x1.5	20	10	6	**3545.11.17**	50
Pg 16	M20x1.5	24	11	6	**3545.16.20**	50
Pg 21	M20x1.5	30	3.5	7.5	**3545.21.20**	50
Pg 21	M25x1.5	30	11	7.5	**3545.21.25**	50
Pg 29	M25x1.5	39	4	8	**3545.29.25**	25
Pg 29	M32x1.5	39	4	8	**3545.29.32**	25
Pg 36	M40x1.5	50	4.5	8	**3545.36.40**	10

Adapter Nickel-Plated Brass

ROUND EXECUTION

Material: Nickel-plated brass
Temperature range: -40°C / +200°C
Protection class: IP 54
Protection type addition: IP 68, if the entry thread is sealed

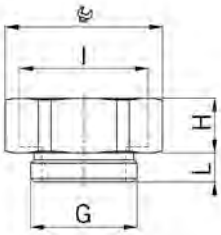


outer thread Pg / Inner thread metric / without O-Ring

G	I	øA mm	H mm	L mm	Part. no.	
Pg 7	M12x1.5	14	9	6	**3645.07.12**	100
Pg 9	M16x1.5	19	9.5	6	**3645.09.17**	50
Pg 11	M20x1.5	22	11	6	**3645.11.20**	50
Pg 13	M20x1.5	22	11	6	**3645.13.20**	50
Pg 16	M25x1.5	27	11	6	**3645.16.25**	50
Pg 21	M32x1.5	34	12	7.5	**3645.21.32**	50
Pg 29	M40x1.5	42	12	8	**3645.29.40**	10

HEXAGONAL

Material: Nickel-plated brass
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68



outer thread Pg / Inner thread metric / with O-Ring

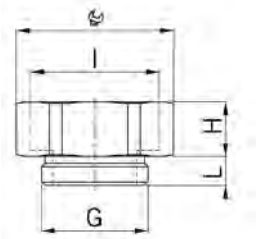
G	I	mm	H mm	L mm	Part. no.	
Pg 13	G3/8"	24	3	7	**35133/8G**	50
Pg 16	G1/2"	24	14	10	**36161/2G.08**	50
Pg 21	G3/4"	32	14	12	**36213/4G.08**	25
Pg 36	G 2"	64	20	12	**3636.48.08**	10
Pg 42	G 2"	64	20	15	**3642.48.08**	10

outer thread gas-pipe / Inner thread Pg / with O-ring

G	I	mm	H mm	L mm	Part. no.	
G3/8"	Pg 7	20	3	10	**353/8G.07**	50
G1/2"	Pg 9	24	3	9.5	**351/2G.09**	50
G3/4"	Pg 9	30	3.5	11	**353/4G.09**	50
G3/4"	Pg 11	30	3.5	11	**353/4G.11**	50
G3/4"	Pg 16	32	3.5	11	**353/4G.16**	50
G1"	Pg 21	38	3.5	11	**351G.21**	25
G1 1/4"	Pg 29	50	5	11	**3511/4G.29**	25
G2"	Pg 36	64	5	11	**352G.36**	10
G2"	Pg 42	64	5	11	**3548.42**	10

Adapter Nickel-Plated Brass

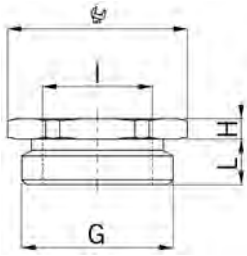
HEXAGONAL



Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Outer thread gas-pipe / Inner thread Pg / with O-ring

G	I	mm	H mm	L mm	Part. no.	
G3/8"	Pg 11	20	12	10	**363/8G.11.08**	50
G1/2"	Pg 11	24	12	10	**361/2G.11.08**	50
G1/2"	Pg 13	24	12	10	**361/2G.13.08**	50
G1/2"	Pg 16	24	12	10	**361/2G.16.08**	50
G5/8"	Pg 16	24	12	10	**365/8G.16.08**	50
G3/4"	Pg 21	32	15	12	**363/4G.21.08**	25
G7/8"	Pg 29	41	15	12	**367/8G.29.08**	25
G1"	Pg 29	41	15	11	**361G.29.08**	25
G1 1/2"	Pg 36	54	22	12	**3611/2G.36.08**	10



Material:	Nickel-plated brass
Temperature range:	-40°C / +100°C
Protection class:	IP 68, if the entry thread is sealed

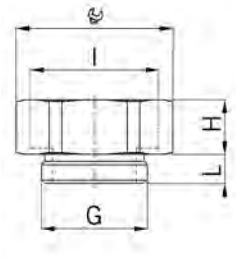
Outer thread NPT / Inner thread Pg / without O-Ring

G	I	mm	H mm	L mm	Part. no.	
NPT1/2"	Pg 9	22	4.5	20	**351/2NPT.09**	50
NPT3/4"	Pg 11	30	4	20	**353/4NPT.11**	10
NPT3/4"	Pg 13	30	4	20	**353/4NPT.13**	10
NPT 1"	Pg 16	36	6	26	**351NPT.16**	10

Adapter Nickel-Plated Brass

HEXAGONAL

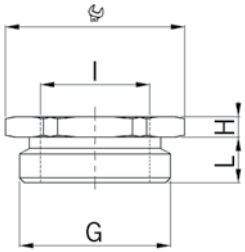
Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68, if the entry thread is sealed



outer thread NPT / Inner thread Pg / without O-Ring

G	I	mm	H mm	L mm	Part. no.	
NPT1/2"	Pg 11	24	12	20	**361/2NPT.11**	50
NPT1/2"	Pg 13	24	14	20	**361/2NPT.13**	50
NPT1/2"	Pg 16	34	20	20	**361/2NPT.16**	50
NPT3/4"	Pg 21	32	14	20	**363/4NPT.21**	25

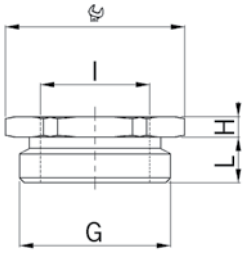
Hexagonal reduction fittings



Material:	Polyamide PA 6
Temperature range:	-30°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

Outer thread metric / inner thread metric / light grey RAL 7035

G	I	⌀ mm	H mm	L mm	Part. no.	
M16x1.5	M12x1.5	22	4	8	**3455.17.12**	100
M20x1.5	M12x1.5	24	4	8	**3455.20.12**	100
M20x1.5	M16x1.5	24	4	8	**3455.20.17**	100
M25x1.5	M12x1.5	29	6	8	**3455.25.12**	100
M25x1.5	M16x1.5	29	6	8	**3455.25.17**	100
M25x1.5	M20x1.5	29	6	8	**3455.25.20**	100
M32x1.5	M12x1.5	36	6	10	**3455.32.12**	50
M32x1.5	M16x1.5	36	6	10	**3455.32.17**	50
M32x1.5	M20x1.5	36	6	10	**3455.32.20**	50
M32x1.5	M25x1.5	36	6	10	**3455.32.25**	50
M40x1.5	M16x1.5	46	6	10	**3455.40.17**	50
M40x1.5	M20x1.5	46	6	10	**3455.40.20**	50
M40x1.5	M25x1.5	46	6	10	**3455.40.25**	25
M40x1.5	M32x1.5	46	6	10	**3455.40.32**	25
M50x1.5	M20x1.5	55	6	12	**3455.50.20**	5
M50x1.5	M25x1.5	55	6	12	**3455.50.25**	5
M50x1.5	M32x1.5	55	6	12	**3455.50.32**	5
M50x1.5	M40x1.5	55	6	12	**3455.50.40**	5
M63x1.5	M25x1.5	68	6	12	**3455.63.25**	5
M63x1.5	M32x1.5	68	6	12	**3455.63.32**	5
M63x1.5	M40x1.5	68	6	12	**3455.63.40**	5
M63x1.5	M50x1.5	68	6	12	**3455.63.50**	5



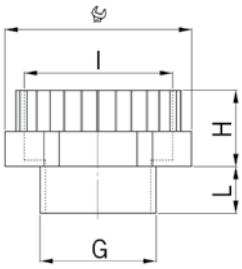
Material:	Polyamide glass fiber reinforced
Temperature range:	-20°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

Outer thread Pg / inner thread Pg / light grey

G	I	⌀ mm	H mm	L mm	Part. no.	
Pg 9	Pg 7	19	12	8	**3409.07**	50
Pg 11	Pg 7	22	3	8	**3411.07**	50
Pg 11	Pg 9	22	15	8	**3411.09**	50
Pg 13	Pg 9	24	3	9	**3413.09**	50
Pg 13	Pg 11	24	15	9	**3413.11**	50
Pg 16	Pg 9	27	5	9	**3416.09**	50
Pg 16	Pg 11	27	5	9	**3416.11**	50
Pg 16	Pg 13	27	17	10	**3416.13**	50
Pg 21	Pg 13	32	5	11	**3421.13**	25
Pg 21	Pg 16	32	5	11	**3421.16**	25
Pg 29	Pg 21	41	6	12	**3429.21**	10
Pg 36	Pg 29	50	6	14	**3436.29**	10

Round with hexagon enlarging fittings

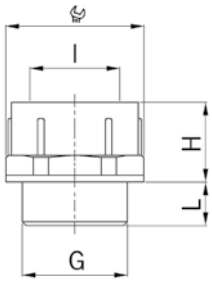
Material: Polyamide PA 6
Temperature range: -30°C / +100°C
Protection class: IP 54
Protection type addition: IP 68, if the entry thread is sealed



Outer thread metric / Inner thread metric / Light grey RAL 7035

G	I	mm	H mm	L mm	Part. no.	
M12x1.5	M16x1.5	20	13	8	**3755.12.17**	100
M16x1.5	M20x1.5	24	13	8	**3755.17.20**	100
M20x1.5	M25x1.5	29	13	8	**3755.20.25**	100
M25x1.5	M32x1.5	36	15	8	**3755.25.32**	50
M32x1.5	M40x1.5	46	15	10	**3755.32.40**	25
M40x1.5	M50x1.5	55	15	10	**3755.40.50**	10
M50x1.5	M63x1.5	68	15	10	**3755.50.63**	10

Material: Polyamide glass fiber reinforced
Temperature range: -20°C / +100°C
Protection class: IP 54, IP 68 if the thread is sealed

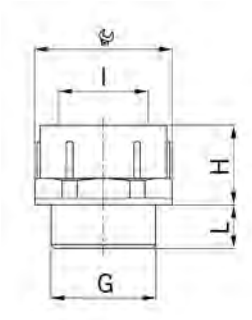


Outer thread Pg / Inner thread Pg / Light grey

G	I	mm	H mm	L mm	Part. no.	
Pg 7	Pg 9	19	18	7	**3707.09**	50
Pg 9	Pg 11	22	19	7	**3709.11**	50
Pg 11	Pg 13	24	21	8	**3711.13**	50
Pg 13	Pg 16	27	23	9	**3713.16**	50
Pg 16	Pg 21	32	26	9	**3716.21**	25
Pg 21	Pg 29	41	33	10	**3721.29**	25
Pg 29	Pg 36	55	39	12	**3729.36**	10
Pg 36	Pg 42	60	46	14	**3736.42**	10
Pg 42	Pg 48	65	39	16	**3742.48**	10

Synthetic Adapter

ROUND WITH HEXAGON



Material:	Polyamide glass fiber reinforced
Temperature range:	-20°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

Outer thread metric / Inner thread Pg / Light grey

G	I	mm	H mm	L mm	Part. no.	
M12x1.5	Pg 9	19	13	11	**3712.09**	50
M20x1.5	Pg 13	24	15	11	**3720.13**	50
M20x1.5	Pg 16	27	17	11	**3720.16**	50
M25x1.5	Pg 21	33	20	11	**3725.21**	25
M32x1.5	Pg 29	42	22	11	**3732.29**	25
M50x1.5	Pg 42	60	28	11	**3750.42**	10

HEXAGONAL

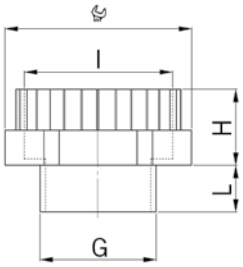
Outer thread metric / Inner thread Pg / Light grey

G	I	mm	H mm	L mm	Part. no.	
M16x1.5	Pg 9	19	14	11	**3417.09**	50
M20x1.5	Pg 11	22	16	11	**3420.11**	50
M25x1.5	Pg 16	27	18	11	**3425.16**	50
M40x1.5	Pg 29	42	23	11	**3440.29**	25
M50x1.5	Pg 36	53	26	11	**3450.36**	10
M63x1.5	Pg 48	65	29	11	**3463.48**	5

Synthetic Adapter

ROUND WITH HEXAGON

Material:	Polyamide PA 6
Temperature range:	-30°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed



Outer thread Pg / Inner thread metric / Light grey RAL 7035

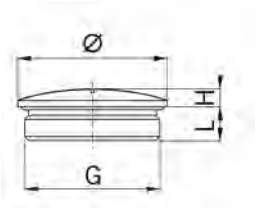
G	I	mm	H mm	L mm	Part. no.	
Pg 7	M12x1.5	15	12	8	**3755.07.12**	100
Pg 7	M16x1.5	20	12	8	**3755.07.17**	100
Pg 9	M16x1.5	20	12	8	**3755.09.17**	100
Pg 9	M20x1.5	24	12	8	**3755.09.20**	100
Pg 11	M20x1.5	24	12	8	**3755.11.20**	100
Pg 13	M25x1.5	30	13	9	**3755.13.25**	100
Pg 16	M25x1.5	30	13	10	**3755.16.25**	50
Pg 21	M32x1.5	37	14	11	**3755.21.32**	50
Pg 29	M40x1.5	45	14	11	**3755.29.40**	50
Pg 42	M50x1.5	55	17	11	**3755.42.50**	10
Pg 48	M63x1.5	68	17	11	**3755.48.63**	5

Outer thread Pg / Inner thread metric / Light grey RAL 7035

G	I	mm	H mm	L mm	Part. no.	
Pg 9	M12x1.5	19	12	8	**3455.09.12**	100
Pg 11	M16x1.5	22	12	8	**3455.11.17**	100
Pg 13	M16x1.5	24	13	9	**3455.13.17**	100
Pg 13	M20x1.5	24	13	9	**3455.13.20**	100
Pg 16	M20x1.5	27	13	10	**3455.16.20**	50
Pg 21	M25x1.5	33	14	11	**3455.21.25**	50
Pg 29	M32x1.5	42	14	11	**3455.29.32**	50
Pg 36	M40x1.5	55	14	11	**3455.36.40**	25

Locking Plugs Nickel-Plated Brass

Short entry thread metric



Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68

Round execution / with O-ring

G	Ø mm	H mm	L mm	i info	Part. no.	
M6x1.0	9	3	5	1	**8706.08**	50
M8x1.25	10	3	5	1	**8708.08**	50
M10x1.5	12	3	5	1	**8710.08**	50
M12x1.5	14	3	5	-	**8712.08**	50
M16x1.5	19	3	5	-	**8717.08**	50
M20x1.5	24	3	6	-	**8720.08**	25
M25x1.5	28	4	7	-	**8725.08**	25
M32x1.5	35	4	8	-	**8732.08**	10
M40x1.5	45	6	8	-	**8740.08**	10
M50x1.5	55	6	9	-	**8750.08**	10
M63x1.5	70	6	10	-	**8763.08**	10
M75x1.5	80	6	11	-	**8775.08**	5

1 = Metric coarse-pitch thread

Long entry thread metric

Round execution / with O-ring

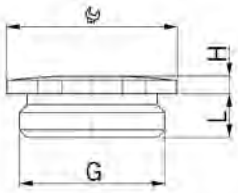
G	Ø mm	H mm	L mm	i info	Part. no.	
M6x1.0	9	3	8	1	**8706.11.08**	50
M8x1.25	10	3	10	1	**8708.11.08**	50
M10x1.5	12	3	10	1	**8710.11.08**	50
M12x1.5	14	3	10	-	**8712.11.08**	50
M16x1.5	19	3	10	-	**8717.11.08**	50
M20x1.5	24	3	10	-	**8720.11.08**	25
M25x1.5	28	4	11	-	**8725.11.08**	25
M32x1.5	35	4	13	-	**8732.11.08**	10
M40x1.5	45	6	13	-	**8740.11.08**	10
M50x1.5	55	6	14	-	**8750.11.08**	10
M63x1.5	70	6	15	-	**8763.11.08**	10
M75x1.5	80	6	15	-	**8775.11.08**	5

1 = Metric coarse-pitch thread

Locking Plugs Nickel-Plated Brass

short entry thread metric

Material:	Nickel-plated brass
Temperature range:	-40°C / +200°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

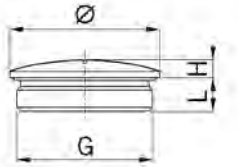


Hexagonal design / without O-Ring

G	⬡ mm	H mm	L mm	Part. no.	
M12x1.5	14	2.5	5	**8745.12**	100
M16x1.5	18	2.5	5	**8745.17**	100
M20x1.5	22	2.5	6	**8745.20**	100
M25x1.5	27	3.0	7	**8745.25**	50
M32x1.5	34	3.5	8	**8745.32**	25
M40x1.5	42	4.0	8	**8745.40**	25
M50x1.5	52	4.0	9	**8745.50**	10
M63x1.5	65	4.0	10	**8745.63**	10

short entry thread PG

Material:	Nickel-plated brass
O-ring:	NBR
Temperature range:	-40°C / +100°C
Protection class:	IP 68



Round execution / with O-Ring

G	Ø mm	H mm	L mm	Part. no.	
Pg 7	14	3	5	**8707.08**	100
Pg 9	17	3	6	**8709.08**	100
Pg 11	20	3	6	**8711.08**	100
Pg 13	22	3	6.5	**8713.08**	50
Pg 16	24	3	6.5	**8716.08**	50
Pg 21	30	4	7	**8721.08**	10
Pg 29	39	4	8	**8729.08**	10
Pg 36	50	6	9	**8736.08**	10
Pg 42	60	6	10	**8742.08**	10
Pg 48	65	6	10	**8748.48.08**	10
G 2“	65	6	10	**8748.08**	10

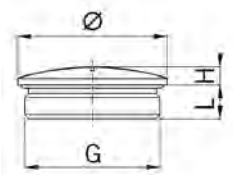
long entry thread PG

Round execution / with O-Ring

G	Ø mm	H mm	L mm	Part. no.	
Pg 7	14	3	10	**8707.11.08**	100
Pg 9	17	3	10	**8709.11.08**	100
Pg 11	20	3	10	**8711.11.08**	100
Pg 13	22	3	10	**8713.11.08**	50
Pg 16	24	3	10	**8716.11.08**	50
Pg 21	30	4	12	**8721.11.08**	10
Pg 29	39	4	12	**8729.11.08**	10
Pg 36	50	6	15	**8736.11.08**	10
G 2“	65	6	15	**8748.11.08**	10

Locking Plugs Stainless Steel A2

ROUND EXECUTION



MATERIAL:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
O-RING :	NBR
TEMPERATURE RANGE:	-40°C / +100°C
PROTECTION CLASS:	IP 68

SHORT ENTRY THREAD METRIC / WITH O-RING

G	Ø mm	H mm	L mm	i info	PART. NO.	
M10x1.5	12	3	5	1	**8710.96.08.70**	50
M12x1.5	14	3	5	-	**8712.96.08.70**	50
M16x1.5	19	3	5	-	**8717.96.08.70**	50
M20x1.5	24	3	6	-	**8720.96.08.70**	25
M25x1.5	28	4	7	-	**8725.96.08.70**	25
M32x1.5	35	4	8	-	**8732.96.08.70**	10
M40x1.5	45	6	8	-	**8740.96.08.70**	10
M50x1.5	55	6	9	-	**8750.96.08.70**	10
M63x1.5	70	6	10	-	**8763.96.08.70**	10
M75x1.5	80	6	11	-	**8775.96.08.70**	5

1 = METRIC COARSE-PITCH THREAD

AVAILABLE ON REQUEST:

ENTRY THREAD PG

LONG ENTRY THREAD METRIC / WITH O-RING

G	Ø mm	H mm	L mm	i info	PART. NO.	
M10x1.5	12	3	10	1	**8710.96.11.08.70**	50
M12x1.5	14	3	10	-	**8712.96.11.08.70**	50
M16x1.5	19	3	10	-	**8717.96.11.08.70**	50
M20x1.5	24	3	10	-	**8720.96.11.08.70**	25
M25x1.5	28	4	11	-	**8725.96.11.08.70**	25
M32x1.5	35	4	13	-	**8732.96.11.08.70**	10
M40x1.5	45	6	13	-	**8740.96.11.08.70**	10
M50x1.5	55	6	14	-	**8750.96.11.08.70**	10
M63x1.5	70	6	15	-	**8763.96.11.08.70**	10
M75x1.5	80	6	15	-	**8775.96.11.08.70**	5

1 = METRIC COARSE-PITCH THREAD

AVAILABLE ON REQUEST:

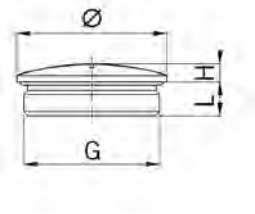
ENTRY THREAD PG

Locking Plugs Stainless Steel A2

for High Temperature Applications

ROUND EXECUTION

Material:	CrNi stainless steel A2 (DIN EN 1.4305 / AISI 303)
O-ring:	FPM
Temperature range:	-40°C / +200°C
Protection class:	IP 68



Short entry thread metric / with O-ring

G	Ø mm	H mm	L mm	i info	Part. no.	
M10x1.5	12	3	5	1	**8710.96.08**	50
M12x1.5	14	3	5	-	**8712.96.08**	50
M16x1.5	19	3	5	-	**8717.96.08**	50
M20x1.5	24	3	6	-	**8720.96.08**	25
M25x1.5	28	4	7	-	**8725.96.08**	25
M32x1.5	35	4	8	-	**8732.96.08**	10
M40x1.5	45	6	8	-	**8740.96.08**	10
M50x1.5	55	6	9	-	**8750.96.08**	10
M63x1.5	70	6	10	-	**8763.96.08**	10
M75x1.5	80	6	11	-	**8775.96.08**	5

1 = Metric coarse-pitch thread

Available on request:

Entry thread Pg

Long entry thread metric / with O-ring

G	Ø mm	H mm	L mm	i info	Part. no.	
M10x1.5	12	3	10	1	**8710.96.11.08**	50
M12x1.5	14	3	10	-	**8712.96.11.08**	50
M16x1.5	19	3	10	-	**8717.96.11.08**	50
M20x1.5	24	3	10	-	**8720.96.11.08**	25
M25x1.5	28	4	11	-	**8725.96.11.08**	25
M32x1.5	35	4	13	-	**8732.96.11.08**	10
M40x1.5	45	6	13	-	**8740.96.11.08**	10
M50x1.5	55	6	14	-	**8750.96.11.08**	10
M63x1.5	70	6	15	-	**8763.96.11.08**	10
M75x1.5	80	6	15	-	**8775.96.11.08**	5

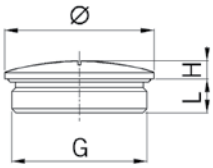
1 = Metric coarse-pitch thread

Available on request:

Entry thread Pg

Synthetic Locking Plugs

metric thread



Material:	Polyamide PA 6
Temperature range:	-30°C / +100°C
Protection class:	IP 54
Protection type addition:	IP 68, if the entry thread is sealed

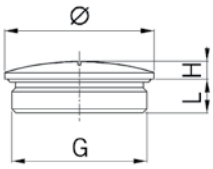
Light grey RAL 7035 / without O-Ring

G	Ø mm	H mm	L mm	Part. no.	
M12x1.5	15	4.5	6	**8855.12**	100
M16x1.5	20	4.5	6	**8855.17**	100
M20x1.5	24	4.5	6	**8855.20**	100
M25x1.5	30	5.0	8	**8855.25**	100
M32x1.5	37	5.5	8	**8855.32**	50
M40x1.5	46	6.0	8	**8855.40**	50
M50x1.5	56	6.0	10	**8855.50**	10
M63x1.5	70	6.0	12	**8855.63**	10

Black RAL 9005 / without O-Ring

G	Ø mm	H mm	L mm	Part. no.	
M12x1.5	15	4.5	6	**8845.12**	100
M16x1.5	20	4.5	6	**8845.17**	100
M20x1.5	24	4.5	6	**8845.20**	100
M25x1.5	30	5.0	8	**8845.25**	100
M32x1.5	37	5.5	8	**8845.32**	50
M40x1.5	46	6.0	8	**8845.40**	50
M50x1.5	56	6.0	10	**8845.50**	10
M63x1.5	70	6.0	12	**8845.63**	10

entry thread PG



Material:	Shock-resistant polystyrene
Temperature range:	-20°C / +80°C
Protection class:	IP 54, IP 68 if the thread is sealed

Light grey RAL 7035 / without O-Ring

G	Ø mm	H mm	L mm	Part. no.	
Pg 7	15	2.0	6.0	**8807**	100
Pg 9	19	3.0	6.5	**8809**	100
Pg 11	22	3.5	6.5	**8811**	100
Pg 13	25	3.5	6.5	**8813**	100
Pg 16	27	3.5	6.5	**8816**	100
Pg 21	33	4.0	8.0	**8821**	100
Pg 29	44	4.0	8.0	**8829**	50
Pg 36	55	4.0	10.0	**8836**	25
Pg 42	62	4.0	10.0	**8842**	10
Pg 48	69	4.0	12.0	**8848.48**	25

Solid Rubber Sealing Inserts

Suitable for Cable Glands Progress®

Material: NBR

Temperature range: -40°C / +100°C

Short sealing insert without drilled hole

G	∅ mm	Part. no.	
M6	3.5	1000.06.30.03	1
M8	5.0	1000.08.30.03	1
M10	6.0	1000.10.30.03	1
Pg 11	12.0	1000.11.30.03	1
M12 / Pg 7	8.0	1000.12.30.03	1
M16 / Pg 9	10.5	1000.17.30.03	1
M20 / Pg 13 / Pg 16	15.0	1000.20.30.03	1
M25 / Pg 21	20.5	1000.25.30.03	1
Pg 29	27.5	1000.29.30.03	1
M32	25.5	1000.32.30.03	1
Pg 36	35.0	1000.36.30.03	1
M40	33.0	1000.40.30.03	1
Pg 48	49.0	1000.48.30.03	1
M50 / Pg 42	42.0	1000.50.30.03	1
M63	52.0	1000.63.30.03	1
M75	63.0	1000.75.30.03	1
M85	70.0	1000.085.30.03	1
M95	80.0	1000.095.30.03	1
M100	85.0	1000.100.30.03	1
M105	90.0	1000.105.30.03	1
M115	95.0	1000.115.30.03	1

Technical note

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

for high-temperature applications

Material: FPM

Temperature range: -40°C / +200°C

Short sealing insert without drilled hole

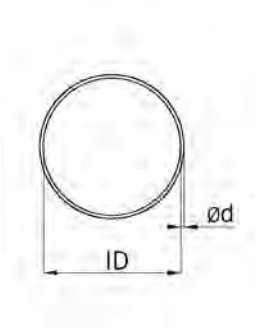
G	∅ mm	Part. no.	
M6	3.5	1000.06.98.30.03	1
M8	5.0	1000.08.98.30.03	1
M10	6.0	1000.10.98.30.03	1
Pg 11	12.0	1000.11.98.30.03	1
M12 / Pg 7	8.0	1000.12.98.30.03	1
M16 / Pg 9	10.5	1000.17.98.30.03	1
M20 / Pg 16	15.0	1000.20.98.30.03	1
M25 / Pg 21	20.5	1000.25.98.30.03	1
Pg 29	27.5	1000.29.98.30.03	1
M32	25.5	1000.32.98.30.03	1
Pg 36	35.0	1000.36.98.30.03	1
M40 / Pg 29	33.0	1000.40.98.30.03	1
Pg 48	49.0	1000.48.98.30.03	1
M50 / Pg 42	42.0	1000.50.98.30.03	1
M63	52.0	1000.63.98.30.03	1

Technical note

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Suitable for Cable Glands Progress®

O-rings



Material: NBR

Temperature range: -40°C / +100°C

Suitable for entry thread metric or Pg

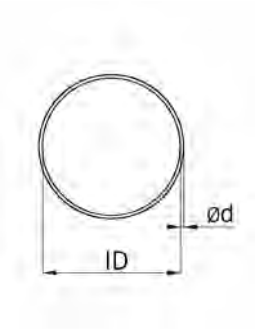
G	G	øI mm	ød mm	Part. no.	
M 6	-	5.0	1.0	**1005.00.08**	1
M 8	-	6.0	1.5	**1006.00.08**	1
M10	-	8.1	1.6	**1006.06.08**	1
M12	Pg 7	10.0	1.5	**1007.00.08**	1
M16	Pg 9	13.1	1.6	**1000.09.00.08**	1
M20	-	17.0	2.0	**2111.00.08**	1
M25	-	22.0	2.0	**1013.00.22.08**	1
M32	-	30.0	2.0	**1021.00.30.08**	1
M40	-	36.0	2.0	**1000.40.00.08**	1
M50	-	46.0	2.0	**1000.50.00.08**	1
M63	-	60.0	2.0	**1000.63.00.08**	1
M75	-	72.0	2.0	**1000.75.00.08**	1
-	Pg 11	15.0	2.0	**1011.00.08**	1
Pg 13	Pg 16	19.0	2.0	**1016.00.08**	1
-	Pg 21	25.0	2.0	**1016.00.25.08**	1
-	Pg 29	33.0	2.2	**1029.00.08**	1
-	Pg 36	42.5	2.6	**1036.00.08**	1
-	Pg 42	48.0	3.0	**1000.42.00.08**	1
-	Pg 48	55.0	2.0	**1000.48.00.08**	1

Suitable for Cable Glands Progress®

O-RINGS FOR HIGH TEMPERATURES

Material: FPM

Temperature range: -40°C / +200°C

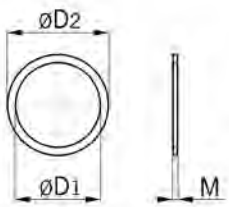


Suitable for entry thread metric or Pg

G	G	øI mm	ød mm	Part. no.	
M 6	-	5.0	1.0	**1105.98.08**	1
M 8	-	6.0	1.5	**1106.98.08**	1
M10	-	8.1	1.6	**1106.06.98.08**	1
M12	Pg 7	10.0	1.5	**1107.98.08**	1
M16	Pg 9	13.1	1.6	**1100.09.98.08**	1
M20	-	17.0	2.0	**2111.98.08**	1
M25	-	22.0	2.0	**1113.98.22.08**	1
M32	-	30.0	2.0	**1121.98.30.08**	1
M40	-	36.0	2.0	**1100.40.98.08**	1
M50	-	46.0	2.0	**1100.50.98.08**	1
M63	-	60.0	2.0	**1100.63.98.08**	1
M75	-	72.0	2.0	**1100.75.98.08**	1
-	Pg 11	15.0	2.0	**1111.98.08**	1
Pg 16	Pg 13	18.0	2.0	**1116.98.08**	1
-	Pg 21	25.0	2.0	**1116.98.25.08**	1
-	Pg 29	33.0	1.8	**1129.98.08**	1
-	Pg 36	42.5	2.6	**1136.98.08**	1
-	Pg 42	48.0	3.0	**1100.42.98.08**	1
-	Pg 48	55.0	2.0	**1100.48.98.08**	1

Suitable for Cable Glands Progress®

sealing washers



Material: KlingerSIL C-4300
Temperature range: -40°C / +300°C
Color: Green

Suitable for metric entry thread

G	øD1 mm	øD2 mm	M mm	Part. no.	
M6	10.0	6.0	1.5	1006.00.16	1
M8	12.0	8.0	1.5	1008.00.16	1
M10	14.0	10.0	1.5	1010.00.16	1
M12	16.0	12.0	1.5	1012.00.16	1
M16	21.0	16.0	1.5	1017.00.16	1
M20 / Pg 13	25.0	20.5	1.5	1013.00.16	1
M25	31.0	25.0	2.0	1025.00.16	1
M32	39.0	32.0	2.0	1032.00.16	1
M40	48.0	40.0	2.0	1040.00.16	1
M50	59.0	50.0	2.0	1050.00.16	1
M63	73.0	63.0	2.0	1063.00.16	1

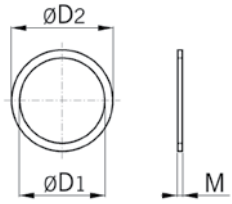
Suitable for entry thread Pg

G	øD1 mm	øD2 mm	M mm	Part. no.	
Pg 7	16.5	12.5	1.5	1007.00.16	1
Pg 9	19.0	15.2	1.5	1009.00.16	1
Pg 11	22.5	18.5	1.5	1011.00.16	1
M20 / Pg 13	25.0	20.5	1.5	1013.00.16	1
Pg 16	27.0	22.5	1.5	1016.00.16	1
Pg 21	33.5	28.5	2.0	1021.00.16	1
Pg 29	43.5	37.0	2.0	1029.00.16	1
Pg 36	55.0	47.0	2.0	1036.00.16	1
Pg 42	63.0	54.0	2.0	1042.00.16	1
Pg 48	69.0	59.3	2.0	1048.00.16	1

Suitable for Cable Glands Syntec®

sealing washers

Material: Perbunan
Temperature range: -20°C / +100°C



Suitable for metric entry thread

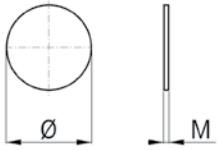
G	øD1 mm	øD2 mm	M mm	Part. no.	
M12	20	12	1.6	1012.45.16	50
M16	23	16	1.8	1017.45.16	50
M20	29	20	1.8	1020.45.16	50
M25	37	25	1.8	1025.45.16	50
M32	44	32	2.2	1032.45.16	25
M40	52	40	2.2	1040.45.16	25
M50	64	50	2.7	1050.45.16	25
M63	68	63	3.2	1063.45.16	10

Suitable for entry thread Pg

G	øD1 mm	øD2 mm	M mm	Part. no.	
Pg 7	16.0	11.5	2.0	1007.45.16	50
Pg 9	19.0	14.0	2.0	1009.45.16	50
Pg 11	22.5	18.5	2.0	1011.45.16	50
Pg 13	25.0	19.0	2.0	1013.45.16	50
Pg 16	27.0	21.0	2.0	1016.45.16	50
Pg 21	34.0	27.0	2.5	1021.45.16	25
Pg 29	43.0	35.0	2.5	1029.45.16	25
Pg 36	54.0	45.0	2.5	1036.45.16	25

blind discs suitable for cable glands

Material: Polyamide
Temperature range: -20°C / +100°C
Application: Dust stopper for cable glands



Blind disc for dust protection

G	Ø mm	M mm	Part. no.	
M10 / M12 / Pg 7	10.5	0.3	1012.00.19	50
M16 / Pg 9	13.5	0.3	1017.00.19	50
M20 / Pg 11	16.5	0.3	1011.00.19	50
Pg 13 / Pg 16	20.5	0.3	1020.00.19	50
M25 / Pg 21	26.5	0.3	1025.00.19	50
Pg 29	35.0	0.3	1029.00.19	50
M32	30.0	0.3	1032.00.19	50
Pg 36	45.0	0.3	1036.00.19	50
M40	38.0	0.3	1040.00.19	50
M50 / Pg 42	52.0	0.3	1050.00.19	50
M63 / Pg 48	57.0	0.3	1063.00.19	50

Cross Reference

Heyco - Agro

Heyco - PG Thread Type / Agro - PG Thread Type

Thread Type	Heyco Black	Heyco Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Black	Agro Grey
PG7	3207	3208	2.3 - 6.4	2.5 - 6.5	1545.07.06	1555.07.06
PG7	3444	3445	2.0 - 4.	2.5 - 6.5	1545.07.06	1555.07.06
PG9	3210	3211	4.7 - 7.6	3.0 - 8.0	1545.09.08	1555.09.08
PG9	3446	3447	3.0 - 5.8	3.0 - 8.0	1545.09.08	1555.09.08
PG11	3213	3214	5.9 - 10.0	4.0 - 10.0	1545.11.10	1555.11.10
PG11	3448	3449	3.8 - 7.0	2.0 - 7.0	1545.11.07	1555.11.07
PG13	3216	3217	6.9 - 11.9	5.5- 12.0	1545.13.12	1555.13.12
PG13	3450	3451	5.0 - 8.8	3.0 - 7.0	1545.13.07	1555.13.07
PG16	3219	3220	10.9 - 13.9	8.5 - 14.0	1545.16.14	1555.16.14
PG16	3452	3453	8.1 - 11.9	5.0 - 11.0	1545.16.11	1555.16.11
PG21	3222	3223	13.8 - 18.0	11.0 - 18.0	1545.21.18	1555.21.18
PG21	3454	3455	11.6 - 16.0	6.5 - 14.0	1545.21.14	1555.21.14
PG29	3225	3226	18.3 - 24.5	17.0 - 25.0	1545.29.25	1555.29.25
PG29	3456	3457	16.3 - 19.6	17.0 - 25.0	1545.29.25	1555.29.25
PG36	3204	N/A	22.0 - 32.0	22.0 - 33.0	1545.36.33	1555.36.33
PG36	3206	N/A	20.0 - 26.0	22.0 - 33.0	1545.36.33	1555.36.33
PG42	3212	N/A	32.0 - 38.0	28.0 - 38.0	1545.42.38	1545.42.38
PG42	3218	N/A	25.0 - 31.0	28.0 - 38.0	1545.42.38	1545.42.38
PG48	3281	N/A	37.0 - 44.0	32.0 - 44.0	1545.48.44	1545.48.44
PG48	3283	N/A	29.0 - 35.0	32.0 - 44.0	1545.48.44	1545.48.44

Heyco - NPT Thread Type / Agro - NPT Thread Type

Thread Type	Heyco Black	Heyco Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Black	Agro Grey
NPT 3/8	3228	3229	4.7 - 7.9	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 3/8	3458	3459	2.0 - 6.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 1/2	3231	3232	6.9 - 11.8	5.5 - 12.0	1545.N0500.12	1555.N0500.12
NPT 1/2	3224	3236	5.0 - 8.8	3.0 - 7.0	1545.N0500.07	1555.N0500.07
NPT 3/4	3234	3235	13.8 - 18.0	11.0 - 18.0	1545.N0750.18	1555.N0750.18
NPT 3/4	3460	3461	11.5 - 16.0	6.5 - 14.0	1545.N0750.14	1555.N0750.14
NPT 1	8437	8438	18.0 - 25.4	17.0 - 22.0	1545.N1000.22	1555.N1000.22
NPT 1	8439	8440	12.0 - 19.5	17.0 - 22.0	1545.N1000.22	1555.N1000.22

Heyco - Strain Relief / Agro - Strain Relief

Thread Type	Heyco Black	Heyco Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Grey	Agro Black
PG7	3237	3228	2.3 - 6.4	2.5 - 6.5	1576.07.06	1546.07.06
PG7	3464	3464	2.0 - 4.6	2.5 - 6.5	1576.07.06	1546.07.06
PG9	3240	3241	4.7 - 7.6	3.0 - 8.0	1576.09.08	1546.09.08
PG9	3466	3467	3.0 - 5.8	3.0 - 8.0	1576.09.08	1546.09.08
PG11	3243	3244	5.9 - 10.0	4.0 - 10.0	1576.11.10	1546.11.10
PG11	3468	3469	3.8 - 7.0	2.0 - 7.0	1576.11.07	1546.11.07
PG13	3246	3247	6.9 - 11.9	5.5 - 12.0	1576.13.12	1546.13.12
PG13	3470	3471	5.0 - 8.8	3.0 - 7.0	1576.13.07	1546.13.07
PG16	3249	3250	10.9 - 13.9	8.5 - 14.0	1576.16.14	1546.16.14
PG16	3472	3473	8.1 - 11.9	5.0 - 11.0	1576.16.11	1546.16.11

Olflex - Agro

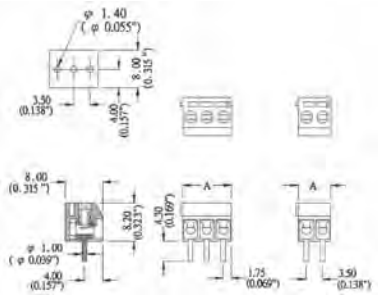
Olflex - PG Thread Type				Agro - PG Thread Type		
Thread Type	Olflex Black	Olflex Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Black	Agro Grey
PG7	S2207	S1207	2.0 - 5.0	2.5 - 6.5	1545.07.06	1555.07.06
PG7	S2107	S1107	3.0 - 6.5	2.5 - 6.5	1545.07.06	1555.07.06
PG9	S2209	S1209	2.0 - 6.0	3.0 - 8.0	1545.09.08	1555.09.08
PG9	S2109	S1109	4.0 - 8.0	3.0 - 8.0	1545.09.08	1555.09.08
PG11	S2211	S1211	4.0 - 7.0	2.0 - 7.0	1545.11.07	1555.11.07
PG11	S2111	S1111	5.1 - 10.0	4.0 - 10.0	1545.11.10	1555.11.10
PG13	S2213	S1213	8.7 - 9.0	3.0 - 7.0	1545.13.07	1555.13.07
PG13	S2113	S1113	6.0 - 12.0	5.5 - 12.0	1545.13.12	1555.13.12
PG16	S2216	S1216	10.7 - 12.2	5.0 - 11.0	1545.16.11	1555.16.11
PG16	S2116	S1116	10.0 - 14.0	8.5 - 14.0	1545.16.14	1555.16.14
PG21	S2221	S1221	12.2 - 15.7	6.5 - 14.0	1545.21.14	1555.21.14
PG21	S2121	S1121	13.8 - 18.0	11.0 - 18.0	1545.21.18	1555.21.18
PG29	S2229	S1229	13.0 - 20.0	17.0 - 25.0	1545.29.25	1555.29.25
PG29	S2129	S1129	18.0 - 25.0	17.0 - 25.0	1545.29.25	1555.29.25
PG36	S2236	S1236	20.0 - 26.0	22.0 - 33.0	1545.36.33	1555.36.33
PG36	S2136	S1136	22.0 - 32.0	22.0 - 33.0	1545.36.33	1555.36.33
PG42	S2242	S1242	25.0 - 31.0	28.0 - 38.0	1545.42.38	1555.42.38
PG42	S2142	S1142	32.0 - 38.0	28.0 - 38.0	1545.42.38	1555.42.38
PG48	S2248	S1248	29.0 - 35.0	32.0 - 44.0	1545.48.44	1555.48.44
PG48	S2148	S1148	37.0 - 44.0	32.0 - 44.0	1545.48.44	1555.48.44

Olflex - NPT Thread Type				Agro - NPT Thread Type		
Thread Type	Olflex Black	Olflex Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Black	Agro Grey
NPT 3/8	S2238	S1238	2.0 - 6.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 3/8	S2138	S1138	4.0 - 8.0	3.0 - 8.0	1545.N0375.08	1555.N0375.08
NPT 1/2	S2212	S1212	8.7 - 9.0	3.0 - 7.0	1545.N0500.07	1555.N0500.07
NPT 1/2	S2112	S1112	6.0 - 12.0	5.5 - 12.0	1545.N0500.12	1555.N0500.12
NPT 3/4	S2234	S1234	12.2 - 15.7	6.5 - 14.0	1545.N0750.14	1555.N0750.14
NPT 3/4	S2134	S1134	13.8 - 18.0	11.0 - 18.0	1545.N0750.18	1555.N0750.18
NPT 1	S2201	S1201	14.0 - 21.0	17.0 - 22.0	1545.N1000.22	1555.N1000.22
NPT 1	S2101	S1101	18.0 - 26.0	17.0 - 22.0	1545.N1000.22	1555.N1000.22

Olflex - Strain Relief				Agro - Strain Relief		
Thread Type	Olflex Black	Olflex Grey	Diameter Range (mm)	Diameter Range (mm)	Agro Grey	Agro Black
PG7	S2407	S1407	2.0 - 5.0	2.5 - 6.5	1576.07.06	1546.07.06
PG7	S2307	S1307	3.0 - 6.5	2.5 - 6.5	1576.07.06	1546.07.06
PG9	S2409	S1409	2.0 - 6.0	3.0 - 8.0	1576.09.08	1546.09.08
PG9	S2309	S1309	4.0 - 8.0	3.0 - 8.0	1576.09.08	1546.09.08
PG11	S2411	S1411	4.0 - 7.0	2.0 - 7.0	1576.11.07	1546.11.07
PG11	S2311	S1311	5.1 - 10.0	4.0 - 10.0	1576.11.10	1546.11.10
PG13	S2413	S1413	8.7 - 9.0	3.0 - 7.0	1576.13.07	1546.13.07
PG13	S2313	S1313	6.0 - 12.0	5.5 - 12.0	1576.13.12	1546.13.12
PG16	S2416	S1416	10.7 - 12.2	5.0 - 11.0	1576.16.11	1546.16.11
PG16	S2316	S1316	10.0 - 14.0	8.5 - 14.0	1576.16.14	1546.16.14

Printed Circuit Board Terminal Blocks & Connectors

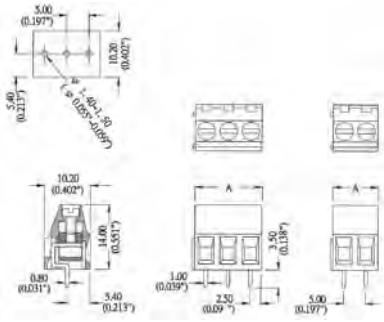
AEI offers single and dual level terminal blocks for printed circuit boards on 3.5mm, 5.0mm, .08mm, 7.5mm and 7.62mm in modular 2 or 3 pole designs. Connectors are offered from 3.50mm, 3.81mm, 5.00mm and 5.08mm versions in 90° and 180° configuration up to 24 poles.



Single Level • 90° • Pitch: 3.50 mm

Technical	
Terminal:	Brass, Tin plated
Wire protector:	Stainless strip steel
Insulating Body:	Polyester
Screw:	M2.0, steel, Chromatized
Color:	Black
Operation temperature:	-33°C to +105°C
Short-time Temperature:	Up to 200°C (+392°F)
Current rating:	6 amp AC300V
Insulation withstanding volt:	AC1500V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm
Wire strip length:	4mm - 5mm
Wire range:	16 - 26 AWG
Screws torque:	2.5 lb-inch

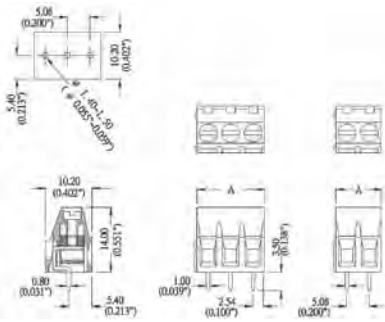
Item No.	Poles	A (mm)	A (inch)
T-212-350M2	2	7.00	0.276
T-212-350M3	3	10.50	0.413



Single Level • 90° • Pitch: 5.00 mm

Technical	
Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.8t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	5.0 lb-inch

Item No.	Poles	A (mm)	A (inch)
T-312-500M2	2	10.00	0.394
T-312-500M3	3	15.00	0.591

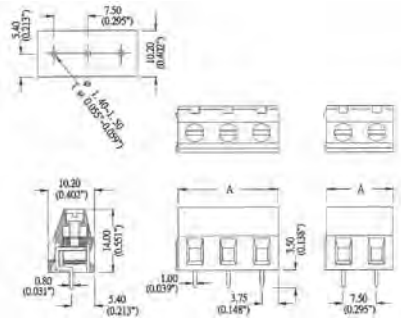


Single Level • 90° • Pitch: 5.08 mm

Technical	
Terminal:	Brass, Ni plated
Wire protector:	Brass, Tin plated, 0.8t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	5.0 lb-inch

Item No.	Poles	A (mm)	A (inch)
T-312-508M2	2	10.16	0.400
T-312-508M3	3	15.24	0.600

Single Level • 90° • Pitch: 7.50 mm

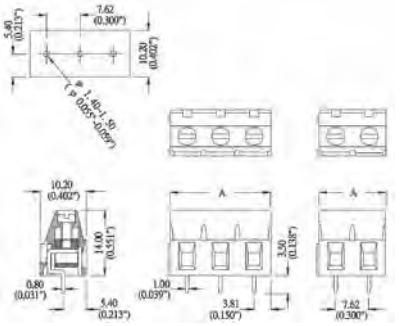


Technical

Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.8t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	5.0 lb-inch

Item No.	Poles	A (mm)	A (inch)
T-312-750M2	2	15.00	0.591
T-312-750M3	3	22.50	0.886

Single Level • 90° • Pitch: 7.62 mm

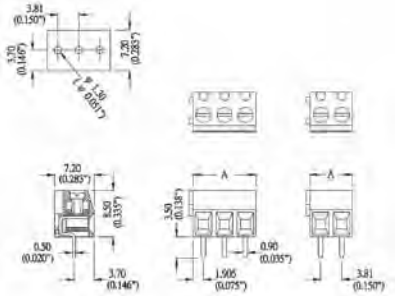


Technical

Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.8t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	5.0 lb-inch

Item No.	Poles	A (mm)	A (inch)
T-312-762M2	2	15.24	0.600
T-312-762M3	3	22.86	0.900

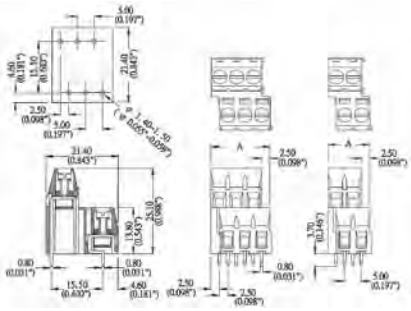
Single Level • 90° • Pitch: 3.81 mm



Technical

Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.5t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.0, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 200°C (+392°F)
Current rating:	8 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.3
Wire strip length:	4mm - 5mm
Wire range:	16 - 26 AWG
Screws torque:	2.5 lb-inch

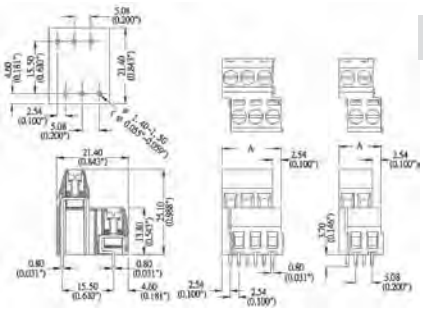
Item No.	Poles	A (mm)	A (inch)
T-332-381M2	2	7.62	0.300
T-332-381M3	3	11.43	0.450



Double Level • 90° • Pitch: 5.00 mm

Technical	
Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.8t
Insulating	Body: Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	4.5 lb-inch

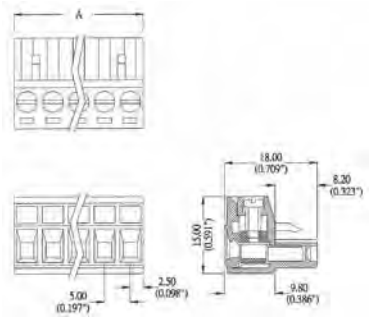
Item No.	Poles	A (mm)	A (inch)
T-362-500M2	2	12.50	0.492
T-362-500M3	3	17.50	0.689



Double Level • 90° • Pitch: 5.08 mm

Technical	
Cage clamp:	Brass, Ni plated
Terminal:	Brass, Tin plated, 0.8t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Ni plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time Temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PCB hole Diameter:	φ 1.4 mm - φ 1.5 mm
Wire strip length:	4mm - 5mm
Wire range:	14 - 24 AWG
Screws torque:	4.5 lb-inch

Item No.	Poles	A (mm)	A (inch)
T-362-508M2	2	12.70	0.500
T-362-508M3	3	17.78	0.700



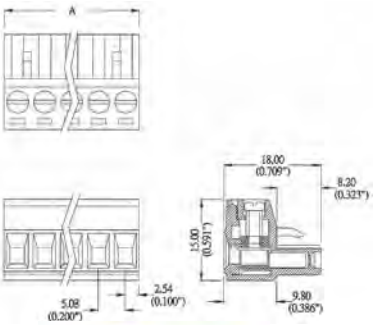
Plugs • 180°

Technical

Cage clamp:	Brass, Ni plated
Contact:	Phosphor bronze, Tin plated, 0.4t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M3.0, steel, Zinc plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
Wire strip length:	4 mm - 5 mm
Wire range:	14 - 24 AWG
Screws torque:	4.5 lb-inch

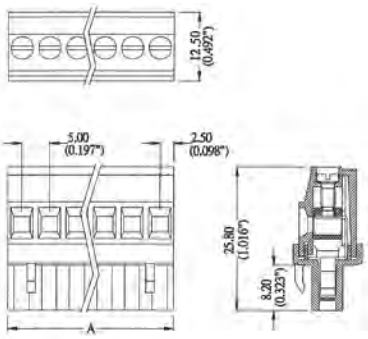
Pitch: 5.00 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
P-100-50002	2	10.00	0.394	**P-100-50009**	9	45.00	1.772
P-100-50003	3	15.00	0.591	**P-100-50010**	10	50.00	1.969
P-100-50004	4	20.00	0.787	**P-100-50011**	11	55.00	2.165
P-100-50005	5	25.00	0.984	**P-100-50012**	12	60.00	2.362
P-100-50006	6	30.00	1.181				
P-100-50007	7	35.00	1.378	**P-100-50024**	24	120.00	4.724
P-100-50008	8	40.00	1.575				



Pitch: 5.08 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
P-100-50802	2	10.16	0.400	**P-100-50809**	9	45.72	1.800
P-100-50803	3	15.24	0.600	**P-100-50810**	10	50.80	2.000
P-100-50804	4	20.32	0.800	**P-100-50811**	11	55.88	2.200
P-100-50805	5	25.40	1.000	**P-100-50812**	12	60.96	2.400
P-100-50806	6	30.48	1.200				
P-100-50807	7	35.56	1.400	**P-100-50824**	24	121.92	4.800
P-100-50808	8	40.64	1.600				

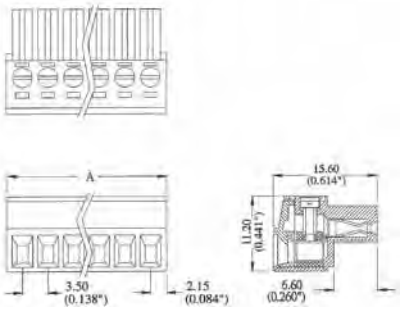


Plugs • 90° • Pitch: 5.00 mm

Technical

Cage clamp:	Brass, Ni plated
Contact:	Phosphor bronze, Tin plated, 0.4t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.6, steel, Zinc plated
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	16 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
Wire strip length:	7 mm
Wire range:	14 - 24 AWG
Screws torque:	4.5 lb-inch

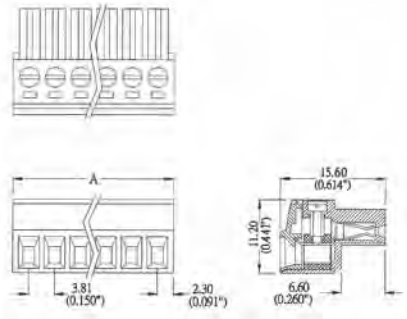
Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
P-200-50002	2	10.00	0.394	**P-200-50009**	9	45.00	1.772
P-200-50003	3	15.00	0.591	**P-200-50010**	10	50.00	1.969
P-200-50004	4	20.00	0.787	**P-200-50011**	11	55.00	2.165
P-200-50005	5	25.00	0.984	**P-200-50012**	12	60.00	2.362
P-200-50006	6	30.00	1.181				
P-200-50007	7	35.00	1.378	**P-200-50024**	24	120.00	4.724
P-200-50008	8	40.00	1.575				



Plugs • 180° • Pitch: 3.50 mm

Technical	
Cage clamp:	Brass, Ni plated
Contact:	Phosphor bronze, Tin plated, 0.3t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.0, steel, Zinc
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	10 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
Wire strip length:	6.5 mm
Wire range: 16 - 26 AWG	
Screws torque: 2.5 lb-inch	

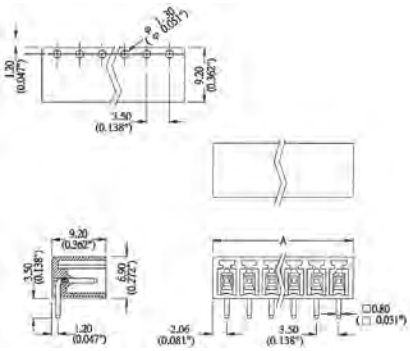
Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
P-420-35002	2	7.80	0.307	**P-420-35009**	9	32.30	1.272
P-420-35003	3	11.30	0.445	**P-420-35010**	10	35.80	1.409
P-420-35004	4	14.80	0.583	**P-420-35011**	11	39.30	1.547
P-420-35005	5	18.30	0.720	**P-420-35012**	12	42.80	1.685
P-420-35006	6	21.80	0.858	**P-420-35013**	13	46.30	1.823
P-420-35007	7	25.30	0.996	**P-420-35014**	14	49.80	1.961
P-420-35008	8	28.80	1.134				



Plugs • 180° • Pitch: 3.81 mm

Technical	
Cage clamp:	Brass, Ni plated
Contact:	Phosphor bronze, Tin plated, 0.3t
Insulating Body:	Polyamide66 (UL94V-0)
Screw:	M2.0, steel, Zinc
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	10 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
Wire strip length:	6.5 mm
Wire range:	16 - 26 AWG
Screws torque:	2.5 lb-inch

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
P-420-38102	2	8.41	0.331	**P-420-38109**	9	35.08	1.381
P-420-38103	3	12.22	0.481	**P-420-38110**	10	38.89	1.531
P-420-38104	4	16.03	0.631	**P-420-38111**	11	42.70	1.681
P-420-38105	5	19.84	0.781	**P-420-38112**	12	46.51	1.831
P-420-38106	6	23.65	0.931				
P-420-38107	7	27.46	1.081	**P-420-38116**	16	61.75	2.431
P-420-38108	8	31.27	1.231				

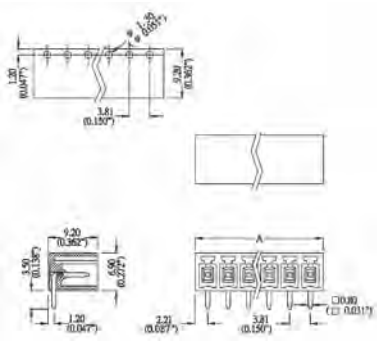


Headers • Closed 90° • Pitch: 3.50 mm

Technical

Solder pin:	0.8 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.3 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-030-35002	2	7.60	0.299	**H-030-35009**	9	32.10	1.264
H-030-35003	3	11.10	0.437	**H-030-35010**	10	35.60	1.402
H-030-35004	4	14.60	0.575	**H-030-35011**	11	39.10	1.539
H-030-35005	5	18.10	0.713	**H-030-35012**	12	42.60	1.677
H-030-35006	6	21.60	0.850	**H-030-35013**	13	46.10	1.815
H-030-35007	7	25.10	0.988	**H-030-35014**	14	49.60	1.953
H-030-35008	8	28.60	1.126				

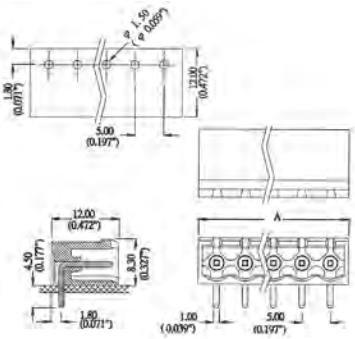


Headers • Closed 90° • Pitch: 3.81 mm

Technical

Solder pin:	0.8 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.3 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-030-38102	2	8.23	0.324	**H-030-38109**	9	34.90	1.374
H-030-38103	3	12.04	0.474	**H-030-38110**	10	38.71	1.524
H-030-38104	4	15.85	0.624	**H-030-38111**	11	42.52	1.674
H-030-38105	5	19.66	0.774	**H-030-38112**	12	46.33	1.824
H-030-38106	6	23.47	0.924				
H-030-38107	7	27.28	1.074	**H-030-38116**	16	61.57	2.424
H-030-38108	8	31.09	1.224				

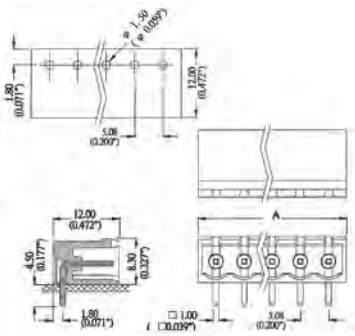


Headers • Closed 90° • Pitch: 5.00 mm

Technical

Solder pin:	1.0 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.5 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-030-50002	2	11.60	0.457	**H-030-50009**	9	46.60	1.835
H-030-50003	3	16.60	0.654	**H-030-50010**	10	51.60	2.031
H-030-50004	4	21.60	0.850	**H-030-50011**	11	56.60	2.228
H-030-50005	5	26.60	1.047	**H-030-50012**	12	61.60	2.425
H-030-50006	6	31.60	1.244				
H-030-50007	7	36.60	1.441	**H-030-50016**	16	121.60	4.787
H-030-50008	8	41.60	1.638				

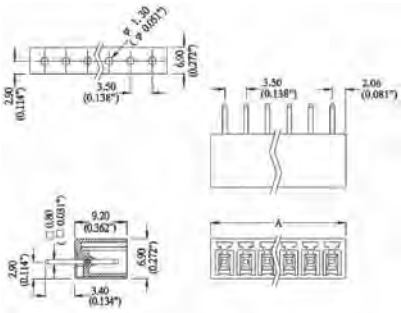


Headers • Closed 90° • Pitch: 5.08 mm

Technical

Solder pin:	1.0 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.5 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-030-50802	2	11.76	0.463	**H-030-50809**	9	47.32	1.863
H-030-50803	3	16.84	0.663	**H-030-50810**	10	52.40	2.063
H-030-50804	4	21.92	0.863	**H-030-50811**	11	57.48	2.263
H-030-50805	5	27.00	1.063	**H-030-50812**	12	62.56	2.463
H-030-50806	6	32.08	1.263				
H-030-50807	7	37.16	1.463	**H-030-50816**	16	123.52	4.863
H-030-50808	8	42.24	1.663				

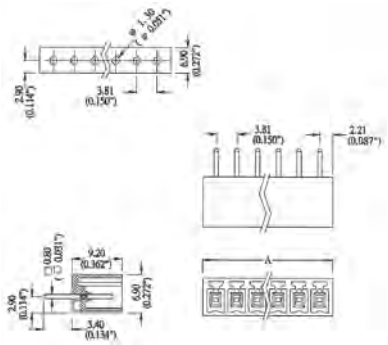


Headers • Closed 180° • Pitch: 3.50 mm

Technical

Solder pin:	0.8 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.3 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-040-35002	2	7.60	0.299	**H-040-35009**	9	32.10	1.264
H-040-35003	3	11.10	0.437	**H-040-35010**	10	35.60	1.402
H-040-35004	4	14.60	0.575	**H-040-35011**	11	39.10	1.539
H-040-35005	5	18.10	0.713	**H-040-35012**	12	42.60	1.677
H-040-35006	6	21.60	0.850	**H-040-35013**	13	46.10	1.815
H-040-35007	7	25.10	0.988	**H-040-35014**	14	49.60	1.953
H-040-35008	8	28.60	1.126				

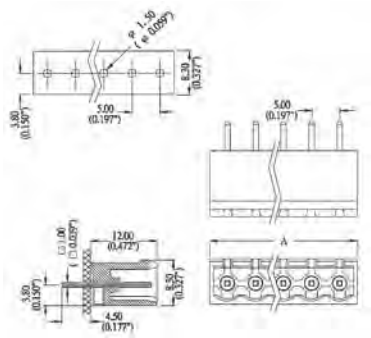


Headers • Closed 180° • Pitch: 3.81 mm

Technical

Solder pin:	0.8 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.3 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-040-38102	2	8.23	0.324	**H-040-38109**	9	34.90	1.374
H-040-38103	3	12.04	0.474	**H-040-38110**	10	38.71	1.524
H-040-38104	4	15.85	0.624	**H-040-38111**	11	42.52	1.674
H-040-38105	5	19.66	0.774	**H-040-38112**	12	46.33	1.824
H-040-38106	6	23.47	0.924				
H-040-38107	7	27.28	1.074	**H-040-38116**	16	61.57	2.424
H-040-38108	8	31.09	1.224				

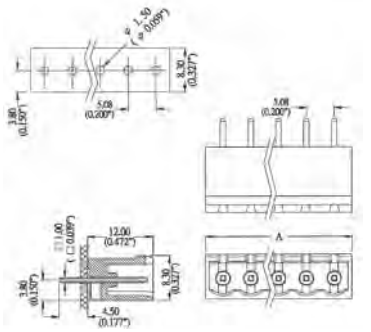


Headers • Closed 180° • Pitch: 5.00 mm

Technical

Solder pin:	1.0 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.5 mm

Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-040-50002	2	11.60	0.457	**H-040-50009**	9	46.60	1.835
H-040-50003	3	16.60	0.654	**H-040-50010**	10	51.60	2.031
H-040-50004	4	21.60	0.850	**H-040-50011**	11	56.60	2.228
H-040-50005	5	26.60	1.047	**H-040-50012**	12	61.60	2.425
H-040-50006	6	31.60	1.244				
H-040-50007	7	36.60	1.441	**H-040-50016**	16	121.60	4.787
H-040-50008	8	41.60	1.638				



Headers • Closed 180° • Pitch: 5.08 mm

Technical

Solder pin:	1.0 mm, Brass, Tin plated
Insulating Body:	Polyamide66 (UL94V-0)
Color:	Green
Operation temperature:	-55°C to +105°C
Short-time temperature:	Up to 250°C (+482°F)
Current rating:	12 amp AC300V
Insulation withstanding volt:	AC2000V min
Insulation resistance:	>5000Ω at DC500V
PDB hole Diameter:	φ 1.5 mm

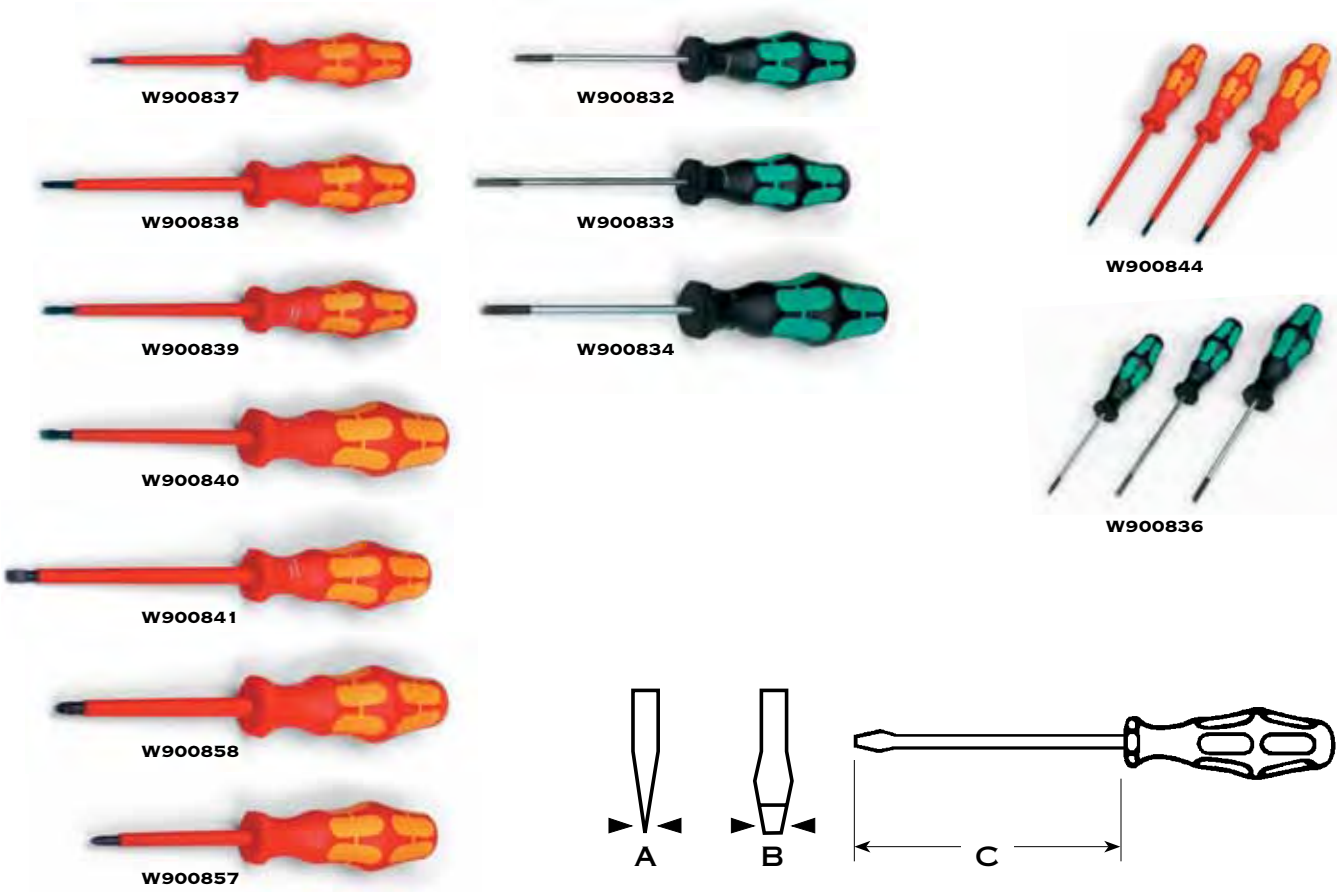
Item No.	Poles	A (mm)	A (inch)	Item No.	Poles	A (mm)	A (inch)
H-040-50802	2	11.76	0.463	**H-040-50809**	9	47.32	1.863
H-040-50803	3	16.84	0.663	**H-040-50810**	10	52.40	2.063
H-040-50804	4	21.92	0.863	**H-040-50811**	11	57.48	2.263
H-040-50805	5	27.00	1.063	**H-040-50812**	12	62.56	2.463
H-040-50806	6	32.08	1.263				
H-040-50807	7	37.16	1.463	**H-040-50816**	16	123.52	4.863
H-040-50808	8	42.24	1.663				

Screwdrivers

The ergonomic design of our screwdriver handles efficiently help to provide the proper tightening torque for your terminal block application. Insulation is rated at 10,000V for your safety. The tips of our screwdrivers are made of hardened steel for a longer tool life.

Features

- ergonomic handle provides proper tightening torque
- impact resistant material used to provide long lasting use
- insulation sleeve provides isolation up to 10,000 V
- Approvals: DIN - VDE 0680/2, ISO, IEC 900, EN 60900



Description	Part No.	A (mm)	B (mm)	C (mm)
Insulated Screwdrivers	W900837	0.4	2.5	80
	W900838	0.5	3.0	100
	W900839	0.6	3.5	100
	W900840	0.8	4.0	100
	W900841	1.0	5.5	125
Kit for Insulated Screwdrivers (3)	W900844 (includes one of each: W900838, W900839, W900840)			
Non-Insulated Screwdrivers	W900832	0.5	3.0	80
	W900833	0.6	3.5	100
	W900834	0.8	4.0	100
Kit for Non-Insulated Screwdrivers (3)	W900836 (includes one of each: W900832, W900833, W900834)			
Insulated Phillips Screwdriver	W900858 (100 mm)			
Non-Insulated Phillips Screwdriver	W900857 (80 mm)			

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