

Plug - PTDA 1,5/16-PH-3,5 - 1725289

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 240 V, Number of positions: 16, Pitch: 3.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- ✓ 3.5 mm pitch
- ✓ Large terminal block capacity with compact dimensions
- ✓ Attractive design for connection at a glance
- ✓ Optional color coding
- ✓ Plug with optional mechanical coding
- ✓ Spring-cage double connection with direct plug-in technology with a release button



Key commercial data

Packing unit	1 PCE
GTIN	 4 046356 129244
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	3.5 mm
Dimension a	52.5 mm
Number of positions	16

Technical data

Range of articles	PTDA 1,5/..-PH
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Technical data

Technical data

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	240 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432
UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

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Approvals

Approvals submitted

Approval details

UL Recognized			
		B	D
mm ² /AWG/kcmil	24-16	24-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	150 V	300 V	

cUL Recognized			
		B	D
mm ² /AWG/kcmil	24-16	24-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	150 V	300 V	

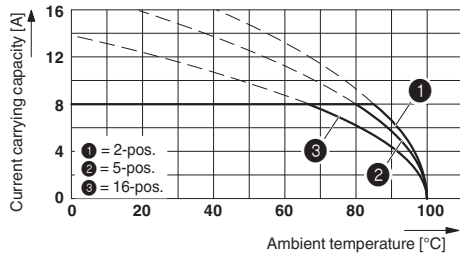
GOST			
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cULus Recognized			
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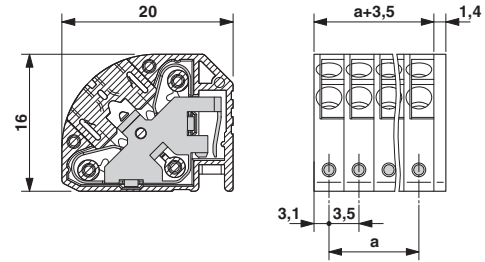
Drawings

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Diagram



Dimensioned drawing



Derating curve for: PTDA 1,5/..-PH-3,5 with PST 1,0/..-3,5