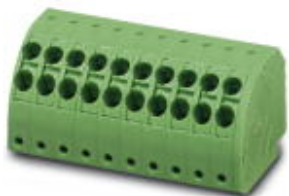


## Plug - PTDA 1,5/ 2-PH-3,5 - 1725107

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 240 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

### Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Potentials can be easily looped through – ideal for BUS applications
- Quick and convenient testing using integrated test option
- Rounded type for individual device design



### Key Commercial Data

Packing unit	250 STK
Minimum order quantity	250 STK
GTIN	 4 046356 129107
GTIN	4046356129107
Custom tariff number	8536909000
Sales Key	AACHBA

### Technical data

#### Dimensions

Pitch	3.5 mm
Dimension a	3.5 mm

#### General

Range of articles	PTDA 1,5/..-PH
Type of contact	Female connector
Number of positions	2
Connection method	Push-in spring connection

# Plug - PTDA 1,5/ 2-PH-3,5 - 1725107

## Technical data

### General

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/3)	160 V
Rated voltage (III/2)	240 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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# Plug - PTDA 1,5/ 2-PH-3,5 - 1725107

## Technical data

### Standards and Regulations

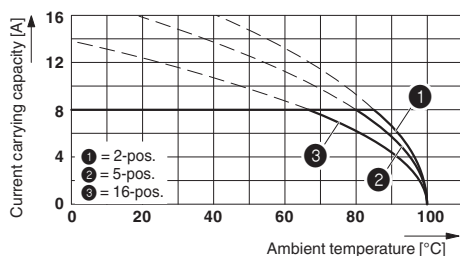
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

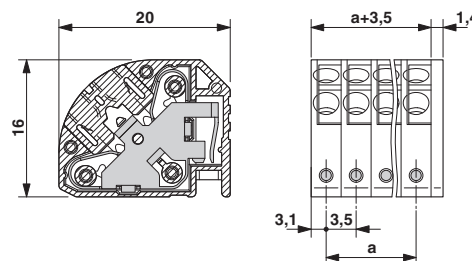
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Diagram



Dimensional drawing



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

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

### Approval details


UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	D	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	
Nominal current I <sub>N</sub>	10 A	10 A	
Nominal voltage U <sub>N</sub>	150 V	300 V	


# Plug - PTDA 1,5/ 2-PH-3,5 - 1725107

## Approvals

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
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	B	D
mm <sup>2</sup> /AWG/kcmil	24-16	24-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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