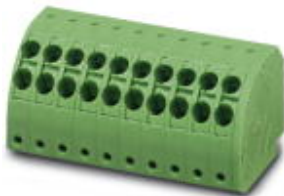


Plug - PTDA 1,5/ 2-PH-3,5 - 1725107

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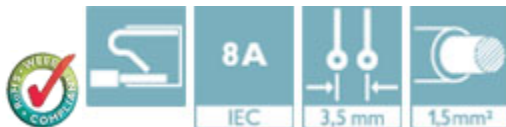


Plug component, Nominal current: 8 A, Rated voltage (III/2): 240 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

Product Features

- 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 | 1 pc |
| Minimum order quantity | 250 pc |
| Weight per Piece (excluding packing) | 2.92 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 3.50 mm |
| Dimension a | 3.5 mm |

General

| | |
|-----------------------------|-----------------|
| Range of articles | PTDA 1,5/...-PH |
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |

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

Technical data

General

| | |
|--|---------------------|
| 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_N | 8 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 8 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 10 mm |
| Number of positions | 2 |

Connection data

| | |
|---|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG 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 |
| 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 |

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

Technical data

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Classifications

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 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized


Ex Approvals


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

Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm²/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 |
| mm²/AWG/kcmil | 24-16 | 24-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 150 V | 300 V |

| |
|-----|
| EAC |
|-----|

| |
|-----|
| EAC |
|-----|

| |
|--|
| cULus Recognized  |
|--|

Accessories

Additional products

Pin strip - PST 1,0/ 2-3,5 R24 - 1720233



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 2, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

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

Accessories

Pin strip - PST 1,0/ 2-3,5 - 1945096



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 2, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

Screwdriver - SZF 0-0,4X2,5 - 1204504

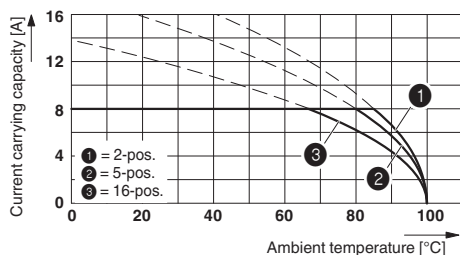


Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

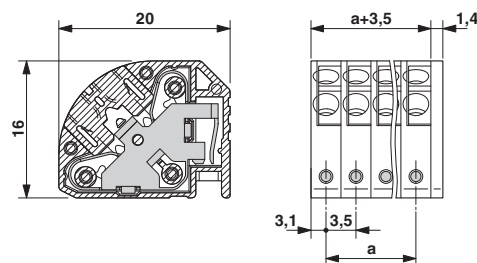
Coding profile - CP-PTDA - 1731361

Drawings

Diagram



Dimensional drawing



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

Mouser Electronics

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