

PCB terminal block - PTDA 1,5/10-3,5 - 1725016

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PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 240 V, Pitch: 3.5 mm, Number of positions: 10, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green




Why buy this product

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



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 129039 |
| Weight per Piece (excluding packing) | 11.2 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|-----------|
| Pitch | 3.5 mm |
| Dimension a | 31.5 mm |
| Pin dimensions | 1,0 x 0,4 |
| Pin spacing | 3.5 mm |
| Hole diameter | 1.3 mm |

General

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

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Technical data

General

| | |
|---|---------------------|
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 200 V |
| Rated voltage (III/2) | 240 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 13.5 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 13.5 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 10 mm |
| Number of positions | 10 |

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 |
| 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 |

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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 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

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 / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECCE CB Scheme / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | | | |
|---|-------|-------|-------|---|
| UL Recognized  | | | | |
| | | B | C | D |
| mm ² /AWG/kcmil | 24-16 | 24-16 | 24-16 | |
| Nominal current IN | 12 A | 12 A | 10 A | |

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Approvals

| | | B | C | D |
|--------------------|-------|-------|-------|---|
| Nominal voltage UN | 300 V | 150 V | 300 V | |

VDE Gutachten mit Fertigungsüberwachung

| | | | |
|--------------------------------|---------|--|--|
| mm ² /AWG/kcmil | 0.2-1.5 | | |
| Nominal current I _N | 17.5 A | | |
| Nominal voltage UN | 130 V | | |

cUL Recognized

| | | B | C | D |
|--------------------------------|-------|-------|-------|---|
| mm ² /AWG/kcmil | 24-16 | 24-16 | 24-16 | |
| Nominal current I _N | 12 A | 12 A | 10 A | |
| Nominal voltage UN | 300 V | 150 V | 300 V | |

CCA

| | | | |
|--------------------------------|---------|--|--|
| mm ² /AWG/kcmil | 0.2-1.5 | | |
| Nominal current I _N | 17.5 A | | |
| Nominal voltage UN | 130 V | | |

IECEE CB Scheme

| | | | |
|--------------------------------|---------|--|--|
| mm ² /AWG/kcmil | 0.2-1.5 | | |
| Nominal current I _N | 17.5 A | | |
| Nominal voltage UN | 130 V | | |

GOST

GOST

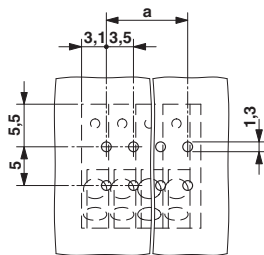
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Approvals

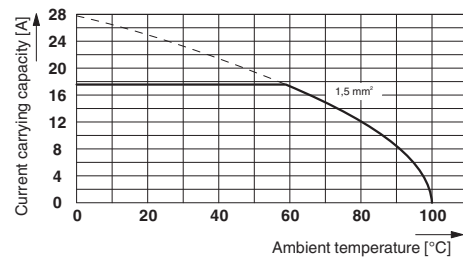
cULus Recognized us

Drawings

Drilling diagram



Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensioned drawing

