

PCB terminal block - PT 1,5/14-5,0-H BK - 1989560

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

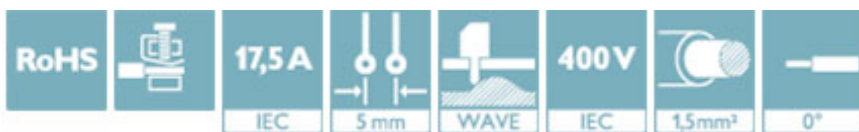
PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 14, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black



The figure shows a 10-position version of the product

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- High terminal block capacity thanks to rectangular terminal block space
- Allows connection of two conductors
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 STK |
| GTIN | |
| GTIN | 4017918944407 |

Technical data

Dimensions

| | |
|-----------------------|---------|
| Length [l] | 9 mm |
| Pitch | 5 mm |
| Dimension a | 65 mm |
| Constructional height | 11.4 mm |
| Height [h] | 11.3 mm |
| Solder pin [P] | 3.5 mm |
| Pin dimensions | 1,0 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.3 mm |

General

PCB terminal block - PT 1,5/14-5,0-H BK - 1989560

Technical data

General

| | |
|--|---------------------|
| Range of articles | PT 1,5/..-H |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 400 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 17.5 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 17.5 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 5 mm |
| Number of positions | 14 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.35 Nm |
| Tightening torque max | 0.4 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 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. | 0.75 mm ² |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 |
|------------|--|

PCB terminal block - PT 1,5/14-5,0-H BK - 1989560

Technical data

Environmental Product Compliance

| | |
|--|---|
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |
|--|---|

Approvals


Approvals

Approvals


VDE Gutachten mit Fertigungsüberwachung / CCA / IECCEB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details


| | | | |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40031691 |
| mm ² /AWG/kcmil | 0.2-2.5 | | |
| Nominal current IN | 24 A | | |
| Nominal voltage UN | 250 V | | |

| | |
|----------------------------|---------------|
| CCA | CCA/DE1 34070 |
| mm ² /AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 24 A |
| Nominal voltage UN | 250 V |


| | | | |
|----------------------------|---|---|-----------|
| IECCEB Scheme |  | http://www.iecee.org/ | DE1-58868 |
| mm ² /AWG/kcmil | 0.2-2.5 | | |
| Nominal current IN | 24 A | | |
| Nominal voltage UN | 250 V | | |

PCB terminal block - PT 1,5/14-5,0-H BK - 1989560

Approvals

| | | | |
|--------------------------------|---|---|------------|
| SEV |  | https://www.electrosuisse.ch/en/meta/shop/product-certificates.html | IK-3558-M2 |
| mm ² /AWG/kcmil | | 2.5 | |
| Nominal current I _N | | 16 A | |
| Nominal voltage U _N | | 250 V | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|--------------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20030211 |
| | B | D | |
| mm ² /AWG/kcmil | 26-12 | 26-12 | |
| Nominal current I _N | 18 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>