

## PCB terminal block - PT 1,5/ 3-PVH-3,5 - 1984028

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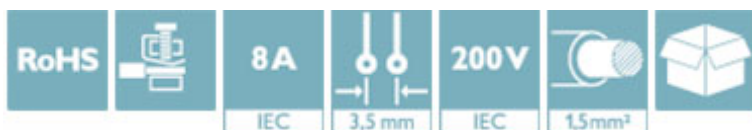
Plug component, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 3, Pitch: 3.5 mm, Connection method: Screw connection with wire protector, Color: green, Contact surface: Tin



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
- ✓ Horizontal and vertical connection option for optimum conductor routing
- ✓ The latching on the side enables various numbers of positions to be combined



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 250 STK                                                                                                 |
| Minimum order quantity               | 250 STK                                                                                                 |
| GTIN                                 | <br>4 017918 946029 |
| GTIN                                 | 4017918946029                                                                                           |
| Weight per Piece (excluding packing) | 1.990 g                                                                                                 |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Length      | 14.6 mm |
| Height      | 11 mm   |
| Pitch       | 3.5 mm  |
| Dimension a | 7 mm    |

#### General

# PCB terminal block - PT 1,5/ 3-PVH-3,5 - 1984028

## Technical data

### General

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Range of articles                      | PT 1,5/...-PVH                       |
| Type of contact                        | Female connector                     |
| Number of positions                    | 3                                    |
| Connection method                      | Screw connection with wire protector |
| 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)                  | 200 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 <sup>2</sup>                  |
| Maximum load current                   | 8 A                                  |
| Insulating material                    | PA                                   |
| Flammability rating according to UL 94 | V0                                   |
| Stripping length                       | 5 mm                                 |
| Screw thread                           | M2                                   |
| Tightening torque, min                 | 0.22 Nm                              |
| Tightening torque max                  | 0.25 Nm                              |

### 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 with plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG min.                                        | 26                   |
| 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.                        | 0.34 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.                     | 0.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                         | 26                   |
| Maximum AWG according to UL/CUL                                         | 16                   |

### Standards and Regulations

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

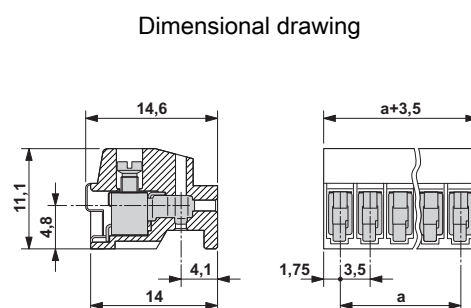
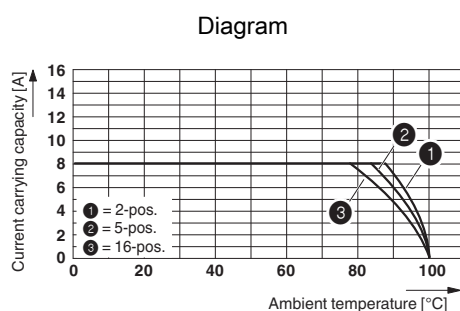
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## Technical data

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings



## 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 |
| ETIM 6.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121409 |

## PCB terminal block - PT 1,5/ 3-PVH-3,5 - 1984028

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / SEV / CCA / 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     |
| mm²/AWG/kcmil                                                                                                                                                                                                                                                      | 26-16 | 26-16 |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                     | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                     | 300 V | 300 V |

|                                                                                                                                                                                                                                                                       |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| 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 |       |       |
|                                                                                                                                                                                                                                                                       | B     | D     |
| mm²/AWG/kcmil                                                                                                                                                                                                                                                         | 26-16 | 26-16 |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                        | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                        | 300 V | 300 V |

|                                                                                                                                                                                                                                                       |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| SEV  <a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a> IK-3558 |       |
|                                                                                                                                                                                                                                                       |       |
| mm²/AWG/kcmil                                                                                                                                                                                                                                         | 1.5   |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                        | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                        | 160 V |

|                                |       |
|--------------------------------|-------|
| CCA IK-2681                    |       |
|                                |       |
| mm²/AWG/kcmil                  | 1.5   |
| Nominal current I <sub>N</sub> | 6 A   |
| Nominal voltage U <sub>N</sub> | 160 V |

## PCB terminal block - PT 1,5/ 3-PVH-3,5 - 1984028

### Approvals

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

|                  |                                                                                   |                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

### Accessories

#### Accessories

#### Coding element

Accessories - CP-PT 1,5 - 1985564

Coding profile, is inserted into the hole in the plug, red insulating material



### Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

### Pin strip

Pin strip - PST 1,0/ 3-3,5 - 1945106



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 3, 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 tools

## PCB terminal block - PT 1,5/ 3-PVH-3,5 - 1984028

### Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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### Additional products

Pin strip - PST 1,0/ 3-3,5 R24 - 1720246



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