

## PCB terminal block - PT 1,5/ 2-PVH-5,0 BK - 1987258

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Plug component, nominal current: 12 A, number of positions: 2, pitch: 5 mm, connection method: Screw connection with wire protector, color: black, contact surface: Tin



### Key Commercial Data

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Packing unit | 250 STK                                                                            |
| GTIN         |  |
| GTIN         | 4017918928278                                                                      |

### Technical data

#### Dimensions

|             |      |
|-------------|------|
| Pitch       | 5 mm |
| Dimension a | 5 mm |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | PT 1,5/...-PVH                       |
| Type of contact                  | Female connector                     |
| Number of positions              | 2                                    |
| Connection method                | Screw connection with wire protector |
| Rated voltage (III/3)            | 250 V                                |
| Connection in acc. with standard | EN-VDE                               |
| Nominal current $I_N$            | 12 A                                 |
| Nominal cross section            | 1.5 mm <sup>2</sup>                  |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 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.    | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                           | 26                   |
| Conductor cross section AWG max.                                           | 14                   |

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## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 0.75 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.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.34 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. | 0.75 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                                         | 26                   |
| Maximum AWG according to UL/CUL                                                         | 12                   |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CUL    |

### Environmental Product Compliance

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

## 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                                                                                                                                                     |              |
| mm <sup>2</sup> /AWG/kcmil     | 26-12                                                                               | 26-12                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 15 A                                                                                | 10 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                                 |              |

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### 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 |
|                    | B                                                                                 | D                                                                                                                                                     |              |
| mm²/AWG/kcmil      | 26-12                                                                             | 26-12                                                                                                                                                 |              |
| Nominal current IN | 15 A                                                                              | 10 A                                                                                                                                                  |              |
| Nominal voltage UN | 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-M1 |
|                    |                                                                                   |                                                                                                                                                       |            |
| mm²/AWG/kcmil      | 2.5                                                                               |                                                                                                                                                       |            |
| Nominal current IN | 10 A                                                                              |                                                                                                                                                       |            |
| Nominal voltage UN | 250 V                                                                             |                                                                                                                                                       |            |

|                    |       |         |
|--------------------|-------|---------|
| CCA                |       | IK-2681 |
|                    |       |         |
| mm²/AWG/kcmil      | 2.5   |         |
| Nominal current IN | 10 A  |         |
| Nominal voltage UN | 250 V |         |

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

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