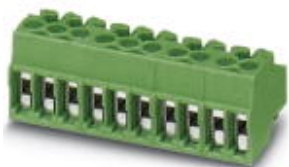


## Plug - PT 1,5/ 6-PVH-3,5-A BD:20-25 - 1701802

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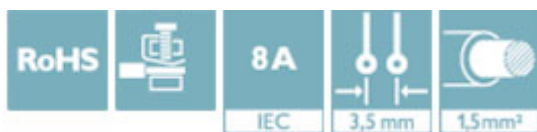
PCB connector, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



The figure shows the 10-position version

### Your advantages

- ✓ 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
- ✓ Items that can be aligned in various pitches support flexible and space-saving PCB assembly



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 100 pc                                                                               |
| GTIN         |  |
| GTIN         | 4046356561730                                                                        |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 3.5 mm  |
| Dimension a | 17.5 mm |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | PT 1,5/...-PVH-A                     |
| Number of positions              | 6                                    |
| Connection method                | Screw connection with wire protector |
| Rated voltage (III/3)            | 160 V                                |
| Connection in acc. with standard | EN-VDE                               |
| Nominal current $I_N$            | 8 A                                  |

# Plug - PT 1,5/ 6-PVH-3,5-A BD:20-25 - 1701802

## Technical data

### General

|                       |                     |
|-----------------------|---------------------|
| 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.                  | 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 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>  |

### Standards and Regulations

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

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

#### Approvals

SEV / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                    |                                                                                     |                                                                                                                                                     |            |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| SEV                |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3558-M2 |
| Nominal voltage UN | 160 V                                                                               |                                                                                                                                                     |            |
| Nominal current IN | 6 A                                                                                 |                                                                                                                                                     |            |

## Plug - PT 1,5/ 6-PVH-3,5-A BD:20-25 - 1701802

### Approvals

|               |     |
|---------------|-----|
|               |     |
| mm²/AWG/kcmil | 1.5 |

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| 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> | E60425-20030211 |
|                    | D                                                                                 | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                             | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 10 A                                                                              | 10 A                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 26-16                                                                             | 26-16                                                                                                                                                 |                 |

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