

## Connectors - PP-H 6/ 1-M - 3061693

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Plug, single, for self-assembly, not bridgeable, one conductor can be connected, 1-pos.



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 0                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| GTIN                   | <br>4 046356 650328 |
| Custom tariff number   | 85366990                                                                                                |
| Country of origin      | POLAND                                                                                                  |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 1    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 8.2 mm  |
| Length | 21 mm   |
| Height | 49.3 mm |

#### Technical data

|                                  |           |
|----------------------------------|-----------|
| Maximum load current             | 41 A (6)  |
| Rated surge voltage              | 8 kV      |
| Pollution degree                 | 3         |
| Surge voltage category           | III       |
| Insulating material group        | I         |
| Connection in acc. with standard | IEC 61984 |
| Nominal current $I_N$            | 41 A      |

# Connectors - PP-H 6/ 1-M - 3061693

## Technical data

### Technical data

|                       |        |
|-----------------------|--------|
| Nominal voltage $U_N$ | 1000 V |
| Open side panel       | nein   |
| Number of positions   | 1      |

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                                      | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 10 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 20                  |
| Conductor cross section AWG/kcmil max                                                   | 8                   |
| Conductor cross section stranded min.                                                   | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 6 mm <sup>2</sup>   |
| Min. AWG conductor cross section, stranded                                              | 20                  |
| Max. AWG conductor cross section, stranded                                              | 10                  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 6 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. | 1.5 mm <sup>2</sup> |
| Connection method                                                                       | Push-in connection  |
| Stripping length                                                                        | 12 mm               |
| Internal cylindrical gage                                                               | A5                  |

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC000897 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 11     | 39121402 |
| UNSPSC 12.01  | 39121402 |
| UNSPSC 13.2   | 39121402 |
| UNSPSC 6.01   | 30211802 |
| UNSPSC 7.0901 | 39121402 |

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
|------------|----------|

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27141151 |
| eCl@ss 7.0 | 27141151 |

### Approvals

#### Approvals

##### Approvals

UL Recognized / cUL Recognized / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                   | B     | C     |
| mm²/AWG/kcmil                                                                                     | 20-8  | 20-8  |
| Nominal current I <sub>N</sub>                                                                    | 40 A  | 40 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 600 V | 600 V |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | C     |
| mm²/AWG/kcmil                                                                                      | 20-8  | 20-8  |
| Nominal current I <sub>N</sub>                                                                     | 40 A  | 40 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 600 V | 600 V |

|                                                                                                      |  |  |
|------------------------------------------------------------------------------------------------------|--|--|
| cULus Recognized  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|

## Connectors - PP-H 6/ 1-M - 3061693

### Accessories

#### Accessories

#### Assembly

#### Strain relief - PZ/2 - 3040627



Strain relief, Number of positions: 2, Color: black

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#### Latching - PRZ - 3040614



Latching, Width: 5.2 mm, Length: 3 mm, Number of positions: 2, Color: orange

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#### Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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#### Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

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#### Shield connection clamp - PSH 3- 6 - 3040591



Shield connection clamp, Color: black

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## Connectors - PP-H 6/ 1-M - 3061693

### Accessories

Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

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### Marking

Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

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Zack Marker strip, flat - ZBF 8 CUS - 0825030



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

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Marker for terminal blocks - UC-TMF 8 - 0818137



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 5.1 mm

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Marker for terminal blocks - UC-TMF 8 CUS - 0824654



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 5.1 mm

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### Accessories

#### Marker for terminal blocks - UCT-TMF 8 - 0828748



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

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#### Marker for terminal blocks - UCT-TMF 8 CUS - 0829672



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

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### Plug/Adapter

#### Test plugs - MPS-MT - 0201744



Test plugs

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#### Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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#### Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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### Accessories

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

## Connectors - PP-H 6/ 1-M - 3061693

### Accessories

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Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, Color: red

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Test adapter - PS-8/2,3MM RD - 3048564

Test adapter, Color: red

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### Sleeve housing

Cable housing - PH 6/2 - 3000680



Cable housing, Length: 21 mm, Width: 16.4 mm, Height: 52.3 mm, Number of positions: 2, Color: gray

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Cable housing - PH 6/3 - 3000681



Cable housing, Length: 21 mm, Width: 24.6 mm, Height: 52.3 mm, Number of positions: 3, Color: gray

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Cable housing - PH 6/4 - 3000682



Cable housing, Length: 21 mm, Width: 32.8 mm, Height: 52.3 mm, Number of positions: 4, Color: gray

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Cable housing - PH 6/5 - 3000683



Cable housing, Length: 21 mm, Width: 41 mm, Height: 52.3 mm, Number of positions: 5, Color: gray

## Connectors - PP-H 6/ 1-M - 3061693

### Accessories

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Cable housing - PH 6/6 - 3000684



Cable housing, Length: 21 mm, Width: 49.2 mm, Height: 52.3 mm, Number of positions: 6, Color: gray

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Cable housing - PH 6/7 - 3000685



Cable housing, Length: 21 mm, Width: 57.4 mm, Height: 52.3 mm, Number of positions: 7, Color: gray

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### Tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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Cable clamp - HSR 6/8 - 3000769

Cable clamp

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Shield connection - HSH-METALL-6/8 - 3000770

Shield connection

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Accessories - CPH 9-15 - 3000768

Bend protection sleeve for cable diameter of 9 mm to 15 mm

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### Drawings

## Connectors - PP-H 6/ 1-M - 3061693

Circuit diagram



Schematic diagram

