# Connectors - PP-H 6/ 4 - 3061596

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Connectors, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 32.8 mm, Height: 49.3 mm, Color: gray

## Key commercial data

| | |
|---|---|
| Packing unit | 0 |
| Minimum order quantity | 1 |
| GTIN | 4 046356 650236 |
| 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 | 32.8 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 |

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## Technical data

### Technical data

| | |
|---|---|
| Nominal voltage $U_N$ | 1000 V |
| Open side panel | nein |
| Number of positions | 4 |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.5 mm² |
| Conductor cross section solid max. | 10 mm² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 8 |
| Conductor cross section stranded min. | 0.5 mm² |
| Conductor cross section stranded max. | 6 mm² |
| 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 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 6 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm² |
| 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 IN | 40 A | 40 A |
| Nominal voltage UN | 600 V | 600 V |

cUL Recognized

| | B | C |
|---|---|---|
| mm²/AWG/kcmil | 20-8 | 20-8 |
| Nominal current IN | 40 A | 40 A |
| Nominal voltage UN | 600 V | 600 V |

cULus Recognized

# Connectors - PP-H 6/ 4 - 3061596

## 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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## Accessories

Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

### 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

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

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

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

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

## Plug/Adapter

Test plugs - MPS-MT - 0201744



Test plugs

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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

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## Accessories

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



Test plugs, Color: red

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

Test adapter, Color: red

### 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

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

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

Cable housing - PH 6/5 - 3000683



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

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## Accessories

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

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

### 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

Cable clamp - HSR 6/8 - 3000769

Cable clamp

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

Shield connection

Accessories - CPH 9-15 - 3000768

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

## Drawings

# Connectors - PP-H 6/ 4 - 3061596

Circuit diagram



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