

## Plug - PP-H 6/ 8 - 3061635

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Plug, Connection method: Push-in connection, Number of positions: 8, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 65.6 mm, Height: 49.3 mm, Color: gray

### Product Features

- Large-surface labeling option
- The Push-in technology COMBI plugs for self-assembly provide solutions that users can implement themselves
- Tested for railway applications



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 25 pc    |
| Custom tariff number   | 85366990 |
| Country of origin      | Poland   |

### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 8                 |
| Nominal cross section                  | 6 mm <sup>2</sup> |
| Color                                  | gray              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Area of application                    | Railway industry  |
|                                        | Machine building  |
|                                        | Plant engineering |
| Maximum load current                   | 41 A (6)          |
| Rated surge voltage                    | 8 kV              |

# Plug - PP-H 6/ 8 - 3061635

## Technical data

### General

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Degree of pollution            | 3                                                     |
| Overvoltage category           | III                                                   |
| Insulating material group      | I                                                     |
| Maximum load current           | 41 A (with 6 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub> | 41 A                                                  |
| Nominal voltage U <sub>N</sub> | 1000 V                                                |
| Open side panel                | No                                                    |

### Dimensions

|        |          |
|--------|----------|
| Width  | 65.6 mm  |
| Length | 21 mm    |
| Height | 49.3 mm  |
|        | 31.20 mm |
| Pitch  | 8.20 mm  |

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Connection method                                                                       | Push-in connection  |
| Connection in acc. with standard                                                        | IEC 61984           |
| 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 min.                                                        | 20                  |
| Conductor cross section AWG max.                                                        | 8                   |
| Conductor cross section flexible min.                                                   | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 6 mm <sup>2</sup>   |
| Min. AWG conductor cross section, flexible                                              | 20                  |
| Max. AWG conductor cross section, flexible                                              | 10                  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, 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> |
| Stripping length                                                                        | 12 mm               |
| Internal cylindrical gage                                                               | A5                  |

### Standards and Regulations

|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CSA |
|----------------------------------|-----|

## Plug - PP-H 6/ 8 - 3061635

### Technical data

#### Standards and Regulations

|                                        |           |
|----------------------------------------|-----------|
|                                        | IEC 61984 |
| Flammability rating according to UL 94 | V0        |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| 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 |
| eCl@ss 8.0 | 27141151 |
| eCl@ss 9.0 | 27141151 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC002021 |
| ETIM 5.0 | EC002021 |

#### UNSPSC

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

### Approvals

#### Approvals

##### Approvals

UL Recognized / cUL Recognized / CSA / EAC / VDE report with production monitoring / IECEx CB Scheme / cULus Recognized

##### Ex Approvals

## Plug - PP-H 6/ 8 - 3061635

### 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 |

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

|     |
|-----|
| EAC |
|-----|

| VDE report with production monitoring |        |
|---------------------------------------|--------|
|                                       |        |
| Nominal voltage U <sub>N</sub>        | 1000 V |

| IECEE CB Scheme                |        |
|--------------------------------|--------|
|                                |        |
| Nominal voltage U <sub>N</sub> | 1000 V |

## Plug - PP-H 6/ 8 - 3061635

### Approvals

cULus Recognized  US

### Accessories

#### Accessories

##### Cable housing

Cable housing - PH 6/2 - 3000680



Cable housing, Pitch: 16.4 mm, 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, Pitch: 24.6 mm, 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, Pitch: 32.8 mm, 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, Pitch: 41 mm, Length: 21 mm, Width: 41 mm, Height: 52.3 mm, Number of positions: 5, Color: gray

## Plug - PP-H 6/ 8 - 3061635

### Accessories

Cable housing - PH 6/6 - 3000684



Cable housing, Pitch: 49.2 mm, 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, Pitch: 57.4 mm, Length: 21 mm, Width: 57.4 mm, Height: 52.3 mm, Number of positions: 7, Color: gray

### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

## Plug - PP-H 6/ 8 - 3061635

### Accessories

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

### Labeled terminal marker

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

## Plug - PP-H 6/ 8 - 3061635

### Accessories

Zack Marker strip, flat - ZBF 8,LGS:FORTL.ZAHLEN - 0808804



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 101 - 110, 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 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

---

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

---

### Mounting material

Latching - PRZ - 3040614



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

---

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange



## Plug - PP-H 6/ 8 - 3061635

### Accessories

Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

---

Latching - PRT/2 - 3040631



Latching, can only be released using a screwdriver, Number of positions: 2, Color: orange

---

Bend protection sleeve - CPH 9-15 - 3000768



Bend protection sleeve, for cable diameter of 9 mm ... 15 mm, Diameter: 12 mm, Color: black

---

### Screwdriver 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

---

### Shield connection

Shield connection clip - PSH 3- 6 - 3040591



Shield connection clip, Color: black

## Plug - PP-H 6/ 8 - 3061635

### Accessories

---

Shield connection clip - PSH 5-10 - 3040601



Shield connection clip, Color: black

---

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



Shield connection

---

Strain relief

Strain relief - PZ/2 - 3040627



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

---

Cable clamp - HSR 6/8 - 3000769



Cable clamp

---

Terminal marking

## Plug - PP-H 6/ 8 - 3061635

### Accessories

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

---

Marker for terminal blocks - UC-TMF 8 - 0818137



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, 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 - UCT-TMF 8 - 0828748



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

---

Test plug terminal block

Test plugs - MPS-MT - 0201744



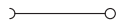
Test plugs, Color: silver

---

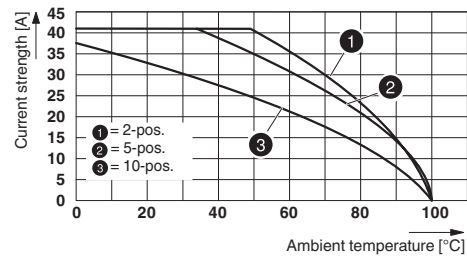
### Drawings

## Plug - PP-H 6/ 8 - 3061635

Circuit diagram



Diagram



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

3061635