

Plug - PP-H 1,5/S/8 - 3212578

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Plug, Connection method: Push-in connection, Number of connections: 8, Number of positions: 8, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 28 mm, Height: 31.3 mm, Color: gray

The figure shows the PP-H 1,5/S/6 version

Why buy this product

- 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 | 25 STK |
| Minimum order quantity | 25 STK |
| GTIN | |
| GTIN | 4046356565714 |
| Weight per Piece (excluding packing) | 13.650 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|--|---------------------|
| Number of positions | 8 |
| Number of levels | 1 |
| Number of connections | 8 |
| Potentials | 8 |
| Nominal cross section | 1.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |

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Technical data

General

| | |
|---|---|
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| Maximum load current | 17.5 A (with 1.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 0.56 W |
| Maximum load current | 17.5 A (with 1.5 mm ² conductor cross section) |
| Nominal current I _N | 17.5 A (observe derating) |
| Nominal voltage U _N | 500 V |
| Open side panel | Yes |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |
| Behavior in fire for rail vehicles (DIN 5510-2) | Test passed |
| Flame test method (DIN EN 60695-11-10) | V0 |
| Oxygen index (DIN EN ISO 4589-2) | >32 % |
| NF F16-101, NF F10-102 Class I | 2 |
| NF F16-101, NF F10-102 Class F | 2 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |

Dimensions

| | |
|--------|---------|
| Width | 28 mm |
| Length | 16.5 mm |
| Height | 31.3 mm |
| | 19.5 mm |
| Pitch | 3.5 mm |

Connection data

| | |
|------------------------------------|----------------------|
| Connection method | Push-in connection |
| Connection in acc. with standard | IEC 61984 |
| Conductor cross section solid min. | 0.14 mm ² |

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Technical data

Connection data

| | |
|--|----------------------|
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A1 / B1 |

Standards and Regulations

| | |
|--|-----------|
| Connection in acc. with standard | CSA |
| | IEC 61984 |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

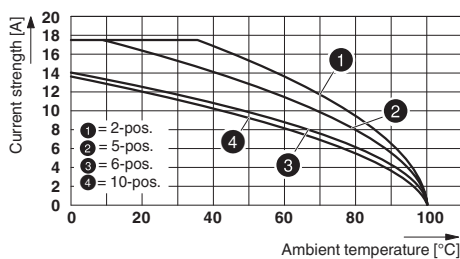
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Circuit diagram



Diagram



Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GL / CSA / LR / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC / NK / BV / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

| | | | |
|--------------------------------|-------|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | D |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

| | | | |
|----|--|---|------------|
| GL | | http://exchange.dnv.com/tari/ | 2040111 HH |
|----|--|---|------------|

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|--------------------------------|-------|---|-------|
| CSA | | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| | B | C | D |
| mm ² /AWG/kcmil | 26-14 | 26-14 | 26-14 |
| Nominal current I _N | 15 A | 15 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |


| | | | |
|----|--|---|---------------|
| LR | | http://www.lr.org/en | 12/20038 (E2) |
|----|--|---|---------------|

| | | | |
|---|----------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40034766 |
| mm ² /AWG/kcmil | 0.14-1.5 | | |

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Approvals


| | |
|--------------------------------|--------|
| Nominal current I _N | 14.1 A |
| Nominal voltage U _N | 500 V |

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|--------------------------------|---|---|-----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-50172 |
| mm ² /AWG/kcmil | 0.14-1.5 | | |
| Nominal current I _N | 14.1 A | | |
| Nominal voltage U _N | 500 V | | |

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|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

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|----|---|---|----------|
| NK |  | http://www.classnk.or.jp/hp/en/ | 14ME0912 |
|----|---|---|----------|

| | | | |
|----|---|---|-------------|
| BV |  | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 39979/A0 BV |
|----|---|---|-------------|

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|-----|---|---------------------|
| EAC |  | 7500651.22.01.00246 |
|-----|---|---------------------|

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|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
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