


PP-H 1,5/S/1

Order No.: 3212484



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3212484>

Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray

| Commercial data | |
|--------------------------|---|
| EAN |  |
| sales group | A671 |
| Pack | 50 Pcs. |
| Customs tariff | 85366990 |
| Gross weight in pieces | 0.00199 KG |
| Net weight per piece | 0.00199 KG |
| Catalog page information | Page 412 (C-3-2013) |

Product notes

WEEE/RoHS-compliant since: 02/15/2010



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

| | |
|---------------------|------------------------|
| Area of application | Railway industry |
| | Mechanical engineering |
| | Plant engineering |

General

| | |
|--|---|
| Maximum load current | 17.5 A (with 1.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 61984 |
| Maximum load current (lower level) | 17.5 A |
| Additional text | with 1.5 mm ² conductor cross section |
| Nominal current I _N (lower level) | 17.5 A (observe derating) |
| Additional text | observe derating |
| Nominal voltage U _N | 500 V |
| Open side panel | ja |
| Number of positions | 1 |

Dimensions

| | |
|--------|---------|
| Width | 3.5 mm |
| Length | 16.5 mm |
| Height | 31.3 mm |

Connection data

| | |
|--|----------------------|
| Connection in acc. with standard | IEC 61984 |
| Connection method | Push-in connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Min. AWG conductor cross section, stranded | 26 |
| Max. AWG conductor cross section, stranded | 14 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm ² |

| | |
|--|----------------------|
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1 mm ² |
| Stripping length | 8 mm |
| Internal cylindrical gage | A1 / B1 |

Certificates / Approvals



Certification

CSA, cULus Recognized, VDE Gutachten mit Fertigungsüberwachung, GL, LR, NK, IECCEB CB Scheme

Certifications applied for:

Certification Ex:

Accessories

| Item | Designation | Description |
|-----------------|-------------|---------------------------------------|
| Assembly | | |
| 3040591 | PSH 3- 6 | Shield connection clamp, Color: black |
| 3040601 | PSH 5-10 | Shield connection clamp, Color: black |

Connector/Adapter

| | | |
|---------|-----------|----------------------------------|
| 0201731 | MPS-IH BK | Insulating sleeve, Color: black |
| 0201689 | MPS-IH BU | Insulating sleeve, Color: blue |
| 0201702 | MPS-IH GN | Insulating sleeve, Color: green |
| 0201728 | MPS-IH GY | Insulating sleeve, Color: gray |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red |
| 0201663 | MPS-IH WH | Insulating sleeve, Color: white |
| 0201692 | MPS-IH YE | Insulating sleeve, Color: yellow |
| 0201744 | MPS-MT | Test plugs, Color: silver |

General

| | | |
|---------|-------------|---|
| 3212824 | PH 1,5/S/10 | Cable housing, Length: 19.9 mm, Width: 35 mm, Height: 36.8 mm, Number of positions: 10, Color: gray |
| 3212837 | PH 1,5/S/11 | Cable housing, Length: 19.9 mm, Width: 38.5 mm, Height: 36.8 mm, Number of positions: 11, Color: gray |
| 3212840 | PH 1,5/S/12 | Cable housing, Length: 19.9 mm, Width: 42 mm, Height: 36.8 mm, Number of positions: 12, Color: gray |
| 3212853 | PH 1,5/S/13 | Cable housing, Length: 19.9 mm, Width: 45.5 mm, Height: 36.8 mm, Number of positions: 13, Color: gray |
| 3212866 | PH 1,5/S/14 | Cable housing, Length: 19.9 mm, Width: 49 mm, Height: 36.8 mm, Number of positions: 14, Color: gray |
| 3212879 | PH 1,5/S/15 | Cable housing, Length: 19.9 mm, Width: 52.5 mm, Height: 36.8 mm, Number of positions: 15, Color: gray |
| 3212756 | PH 1,5/S/3 | Cable housing, Length: 19.9 mm, Width: 10.5 mm, Height: 36.8 mm, Number of positions: 3, Color: gray |
| 3212769 | PH 1,5/S/4 | Cable housing, Length: 19.9 mm, Width: 14 mm, Height: 36.8 mm, Number of positions: 4, Color: gray |
| 3212772 | PH 1,5/S/5 | Cable housing, Length: 19.9 mm, Width: 17.5 mm, Height: 36.8 mm, Number of positions: 5, Color: gray |
| 3212785 | PH 1,5/S/6 | Cable housing, Length: 19.9 mm, Width: 21 mm, Height: 36.8 mm, Number of positions: 6, Color: gray |
| 3212798 | PH 1,5/S/7 | Cable housing, Length: 19.9 mm, Width: 24.5 mm, Height: 36.8 mm, Number of positions: 7, Color: gray |
| 3212808 | PH 1,5/S/8 | Cable housing, Length: 19.9 mm, Width: 28 mm, Height: 36.8 mm, Number of positions: 8, Color: gray |
| 3212811 | PH 1,5/S/9 | Cable housing, Length: 19.9 mm, Width: 31.5 mm, Height: 36.8 mm, Number of positions: 9, Color: gray |
| 3212882 | PR 1,5/S | Latching, Color: orange |
| 3212895 | PR 1,5/S/2 | Latching, Color: orange |
| 3212905 | PRZ 1,5/S | Latching, Length: 3 mm, Width: 3.5 mm, Color: orange |
| 3212918 | PZ 1,5/S/2 | Strain relief, Color: black |

Marking

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|---------|-----------------|--|
| 0829486 | UCT-TMF 3,5 | Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 2.7 x 4.7 mm |
| 0829644 | UCT-TMF 3,5 CUS | 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: 3.5 mm, Lettering field: 2.7 x 4.7 mm |

| | | |
|---------|--------------------------|---|
| 0829394 | ZBF 3,5 CUS | 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: 3.5 mm, Lettering field: 3.5 x 5.2 mm |
| 0801406 | ZBF 3,5,LGS:FORTL.ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 5.15 x 3.5 mm |
| 0801407 | ZBF 3,5,QR:FORTL.ZAHLEN | Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 5.15 x 3.5 mm |
| 0829392 | ZBF 3,5:UNBEDRUCKT | Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 3.5 mm, Lettering field: 3.5 x 5.2 mm |

Tools

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|---------|---------------|--|
| 1204504 | SZF 0-0,4X2,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip |
|---------|---------------|--|

Drawings

Circuit diagram



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