


# PP-H 6/ 1

Order No.: 3061541



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Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 8.2 mm, Height: 49.3 mm, Color: gray

Commercial data	
EAN	 4 046356 650205
Note	Made-to-order
sales group	A671
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.00792 KG
Net weight per piece	0.00792 KG
Catalog page information	Page 413 (C-3-2013)

### Product notes

WEEE/RoHS-compliant since: 02/08/2011



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Technical data	
<b>General</b>	
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	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
Maximum load current (lower level)	41 A
Additional text	with 6 mm <sup>2</sup> conductor cross section
Nominal current I <sub>N</sub> (lower level)	41 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	nein
Number of positions	1

**Dimensions**

Width	8.2 mm
Length	21 mm
Height	49.3 mm

**Connection data**

Connection in acc. with standard	IEC 61984
Connection method	Push-in connection
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>
Stripping length	12 mm
Internal cylindrical gage	A5

### Certificates / Approvals



Certification

CSA, cULus Recognized

Certifications applied for:

Certification Ex:

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3040559	PR	Latching, Number of positions: 1, Color: orange
3040630	PR/2	Latching, Number of positions: 2, Color: orange
3040614	PRZ	Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange
3040591	PSH 3- 6	Shield connection clamp, Color: black
3040601	PSH 5-10	Shield connection clamp, Color: black
3040627	PZ/2	Strain relief, Number of positions: 2, 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**

3000768	CPH 9-15	Bend protection sleeve, for cable diameter of 9 mm ... 15 mm, Color: black
3000770	HSH-METALL-6/8	Shield connection
3000769	HSR 6/8	Cable clamp
3040631	PRT/2	Latching, can only be released using a screwdriver, Number of positions: 2, Color: orange

**Marking**

0818137	UC-TMF 8	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
0824654	UC-TMF 8 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: 8.2 mm, Lettering field: 7.6 x 5.1 mm
0828748	UCT-TMF 8	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: 8.2 mm, Lettering field: 7.4 x 4.7 mm
0829672	UCT-TMF 8 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: 8.2 mm, Lettering field: 7.4 x 4.7 mm
0825030	ZBF 8 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: 8 mm, Lettering field: 5.15 x 8.15 mm
0808804	ZBF 8,LGS:FORTL.ZAHLEN	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
0808781	ZBF 8:UNBEDRUCKT	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

**Sleeve housing**

3000680	PH 6/2	Cable housing, Length: 21 mm, Width: 16.4 mm, Height: 52.3 mm, Number of positions: 2, Color: gray
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3000681	PH 6/3	Cable housing, Length: 21 mm, Width: 24.6 mm, Height: 52.3 mm, Number of positions: 3, Color: gray
3000682	PH 6/4	Cable housing, Length: 21 mm, Width: 32.8 mm, Height: 52.3 mm, Number of positions: 4, Color: gray
3000683	PH 6/5	Cable housing, Length: 21 mm, Width: 41 mm, Height: 52.3 mm, Number of positions: 5, Color: gray
3000684	PH 6/6	Cable housing, Length: 21 mm, Width: 49.2 mm, Height: 52.3 mm, Number of positions: 6, Color: gray
3000685	PH 6/7	Cable housing, Length: 21 mm, Width: 57.4 mm, Height: 52.3 mm, Number of positions: 7, Color: gray

**Tools**

1204520	SZF 2-0,8X4,0	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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**Drawings**

Circuit diagram



**Address**

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