PHŒNIX CONTACT

Plug - PP-H 6/ 1-M OG - 3061704

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Plug, for self-assembly, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 8.2 mm, Height: 49.3 mm, Color: orange

The illustration shows the version in gray

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	1
GTIN	4 046356 897563
Custom tariff number	85366990

Technical data

General

Number of levels	1
Number of connections	1
Color	orange
Insulating material	PA
Inflammability class according to UL 94	V0
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	41 A (with 6 mm² conductor cross section)
Nominal current I_N	41 A

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Technical data

General

Nominal voltage U_N	1000 V
Maximum load current	41 A (with 6 mm² conductor cross section)
Open side panel	nein
Number of positions	1

Dimensions

Width	8.2 mm
Length	21 mm
Height	49.3 mm
	31.20 mm

Connection data

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

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

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Classifications

eCl@ss

eCl@ss 7.0	27141151
eCl@ss 8.0	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

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

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Approvals

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

Accessories

Accessories

Cable 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

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Accessories

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

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

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, Color: white

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Accessories

Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, Color: red

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

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Accessories

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

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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

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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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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

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Mounting material

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Accessories

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

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, Color: black

Screwdriver tools

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Accessories

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 clamp - PSH 3- 6 - 3040591

Shield connection clamp, Color: black

Shield connection clamp - PSH 5-10 - 3040601

Shield connection clamp, Color: black

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

Shield connection

Strain relief

Cable clamp - HSR 6/8 - 3000769

Cable clamp

Terminal marking

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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

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Circuit diagram

Schematic diagram

.../1-L

.../1-M

.../1-R