PHŒNIX CONTACT

Plug - PP-H 4/ 1-L GNYE - 3211958

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Plug, Connection method: Push-in / plug connection, Number of positions: 1, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Height: 42.3 mm, Color: green-yellow

Image shows PP-H 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	1 STK
Minimum order quantity	50 STK
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	1
Potentials	1
Nominal cross section	4 mm²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry

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Technical data

General

	Machine building
	Plant engineering
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	32 A (with 6 mm² conductor cross section)
Nominal current I_N	32 A
Nominal voltage U_N	800 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
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	32,3 %
	2
	passed
	passed
	passed
	28 MJ/kg
	HL 1 - HL 3
	HL 1 - HL 3
	HL 1 - HL 3
	HL 1 - HL 3

Dimensions

Width	6.2 mm
Length	21 mm
Height	42.3 mm
	24.00 mm
Pitch	6.20 mm

Connection data

Connection method	Push-in / plug connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	24

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Technical data

Connection data

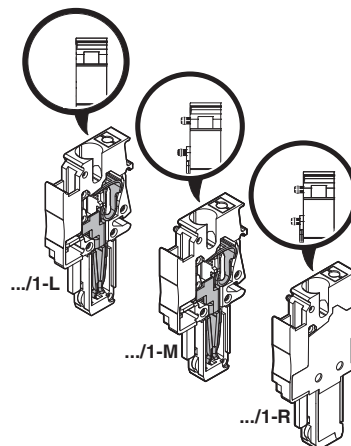| Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 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 mm²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 61984
Flammability rating according to UL 94	V0

Drawings

Circuit diagram

Schematic diagram

.../1-L

.../1-M

.../1-R

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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 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 / EAC / BV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	28 A	28 A
Nominal voltage UN	600 V	600 V

cUL Recognized

	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	28 A	28 A
Nominal voltage UN	600 V	600 V

EAC

BV

cULus Recognized

Accessories

Accessories

Cable housing

Cable housing - PH 4/2 - 3000734

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 12.4 mm, Height: 52.3 mm, Number of positions: 2, Color: gray

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Accessories

Cable housing - PH 4/3 - 3000736

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 18.6 mm, Height: 52.3 mm, Number of positions: 3, Color: gray

Cable housing - PH 4/4 - 3000737

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 24.8 mm, Height: 52.3 mm, Number of positions: 4, Color: gray

Cable housing - PH 4/5 - 3000738

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 31 mm, Height: 52.3 mm, Number of positions: 5, Color: gray

Cable housing - PH 4/6 - 3000739

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 37.2 mm, Height: 52.3 mm, Number of positions: 6, Color: gray

Cable housing - PH 4/7 - 3000740

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 43.4 mm, Height: 52.3 mm, Number of positions: 7, Color: gray

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Accessories

Cable housing - PH 4/8 - 3000741

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 49.6 mm, Height: 52.3 mm, Number of positions: 8, Color: gray

Cable housing - PH 4/9 - 3000742

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 55.8 mm, Height: 52.3 mm, Number of positions: 9, Color: gray

Cable housing - PH 4/10 - 3000743

Cable housing, Pitch: 6.2 mm, Length: 21 mm, Width: 62 mm, Height: 52.3 mm, Number of positions: 10, Color: gray

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, Color: red

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Accessories

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

Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, Color: black

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Accessories

Insulating sleeve - ISH 4/0,5 - 3002885

Insulating sleeve, Color: gray

Insulating sleeve - ISH 4/1,0 - 3002898

Insulating sleeve, Color: black

Labeled terminal marker

Zack Marker strip, flat - ZBF 6 CUS - 0825027

Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

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Marker for terminal blocks - UC-TMF 6 CUS - 0824646

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: 6.2 mm, Lettering field: 5.6 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 6 CUS - 0829665

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: 6.2 mm, Lettering field: 5.4 x 4.7 mm

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![Phoenix Contact logo]

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Accessories

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749

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: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765

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: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834

Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Zack Marker strip, flat - ZBF 6,LGS:UNGERADE ZAHLEN - 0810876

Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Mounting material

Latching - PR/2 - 3040630

Latching, Number of positions: 2, Color: orange

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Accessories

Latching - PRT/2 - 3040631

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

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

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - ST-BW - 1207608

Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages

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Accessories

Shield connection

Shield connection clip - PSH 3- 6 - 3040591

Shield connection clip, Color: black

Shield connection clip - PSH 5-10 - 3040601

Shield connection clip, Color: black

Terminal marking

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

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Marker for terminal blocks - UC-TMF 6 - 0818140

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: 6.2 mm, Lettering field: 5.6 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 6 - 0828746

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: 6.2 mm, Lettering field: 5.4 x 4.7 mm

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Accessories

Test plug terminal block

Test plugs - MPS-MT - 0201744

Test plugs, Color: silver