PHŒNIX CONTACT

Plug - PP-H 1,5/S/10 - 3212594

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Plug, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 35 mm, Height: 31.3 mm, Color: gray

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

Product Features

- 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 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	10.4 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	10
Nominal cross section	1.5 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering

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Technical data

General

Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Nominal current I_N	17.5 A (observe derating)
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	35 mm
Length	16.5 mm
Height	31.3 mm
	19.50 mm
Pitch	3.50 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0

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 / GL / CSA / LR / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC / NK / BV / EAC / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized

	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

GL

CSA

	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14
Nominal current IN	15 A	15 A	5 A
Nominal voltage UN	300 V	300 V	600 V

LR

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.14-1.5
Nominal current IN	14.1 A
Nominal voltage UN	500 V

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Approvals

IECEE CB Scheme CB Scheme	
mm²/AWG/kcmil	0.14-1.5
Nominal current IN	14.1 A
Nominal voltage UN	500 V

EAC

NK

BV

EAC

cULus Recognized c 🇺🇱 us

Accessories

Accessories

Cable housing

Cable housing - PH 1,5/S/3 - 3212756

Cable housing, Pitch: 10.5 mm, Length: 19.9 mm, Width: 10.5 mm, Height: 36.8 mm, Number of positions: 3, Color: gray

Cable housing - PH 1,5/S/4 - 3212769

Cable housing, Pitch: 14 mm, Length: 19.9 mm, Width: 14 mm, Height: 36.8 mm, Number of positions: 4, Color: gray

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Accessories

Cable housing - PH 1,5/S/5 - 3212772

Cable housing, Pitch: 17.5 mm, Length: 19.9 mm, Width: 17.5 mm, Height: 36.8 mm, Number of positions: 5, Color: gray

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Cable housing - PH 1,5/S/6 - 3212785

Cable housing, Pitch: 21 mm, Length: 19.9 mm, Width: 21 mm, Height: 36.8 mm, Number of positions: 6, Color: gray

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Cable housing - PH 1,5/S/7 - 3212798

Cable housing, Pitch: 24.5 mm, Length: 19.9 mm, Width: 24.5 mm, Height: 36.8 mm, Number of positions: 7, Color: gray

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Cable housing - PH 1,5/S/8 - 3212808

Cable housing, Pitch: 28 mm, Length: 19.9 mm, Width: 28 mm, Height: 36.8 mm, Number of positions: 8, Color: gray

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Cable housing - PH 1,5/S/9 - 3212811

Cable housing, Pitch: 31.5 mm, Length: 19.9 mm, Width: 31.5 mm, Height: 36.8 mm, Number of positions: 9, Color: gray

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Accessories

Cable housing - PH 1,5/S/10 - 3212824

Cable housing, Pitch: 35 mm, Length: 19.9 mm, Width: 35 mm, Height: 36.8 mm, Number of positions: 10, Color: gray

Cable housing - PH 1,5/S/11 - 3212837

Cable housing, Pitch: 38.5 mm, Length: 19.9 mm, Width: 38.5 mm, Height: 36.8 mm, Number of positions: 11, Color: gray

Cable housing - PH 1,5/S/12 - 3212840

Cable housing, Pitch: 42 mm, Length: 19.9 mm, Width: 42 mm, Height: 36.8 mm, Number of positions: 12, Color: gray

Cable housing - PH 1,5/S/13 - 3212853

Cable housing, Pitch: 45.5 mm, Length: 19.9 mm, Width: 45.5 mm, Height: 36.8 mm, Number of positions: 13, Color: gray

Cable housing - PH 1,5/S/14 - 3212866

Cable housing, Pitch: 49 mm, Length: 19.9 mm, Width: 49 mm, Height: 36.8 mm, Number of positions: 14, Color: gray

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Accessories

Cable housing - PH 1,5/S/15 - 3212879

Cable housing, Pitch: 52.5 mm, Length: 19.9 mm, Width: 52.5 mm, Height: 36.8 mm, Number of positions: 15, Color: gray

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Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, Color: white

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

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Accessories

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

Labeled terminal marker

Zack Marker strip, flat - ZBF 3,5 CUS - 0829394

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

Zack Marker strip, flat - ZBF 3,5,LGS:FORTL.ZAHLEN - 0801406

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

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Accessories

Zack Marker strip, flat - ZBF 3,5,QR:FORTL.ZAHLEN - 0801407

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

Marker for terminal blocks - UCT-TMF 3,5 CUS - 0829644

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

Mounting material

Latching - PR 1,5/S - 3212882

Latching, Color: orange

Latching - PR 1,5/S/2 - 3212895

Latching, Color: orange

Latching - PRZ 1,5/S - 3212905

Latching, Length: 3 mm, Width: 3.5 mm, Color: orange

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Accessories

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504

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

Screwdriver - ST-BW 0 - 1200135

Actuation tool, for all 1.5 mm² spring cages from PT 1,5/S and FT 1,5/S

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

Strain relief

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Accessories

Strain relief - PZ 1,5/S/2 - 3212918

Strain relief, Number of positions: 2, Color: black

Terminal marking

Zack Marker strip, flat - ZBF 3,5:UNBEDRUCKT - 0829392

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

Marker for terminal blocks - UCT-TMF 3,5 - 0829486

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: 3.5 mm, Lettering field: 2.7 x 4.7 mm

Test plug terminal block

Test plugs - MPS-MT - 0201744
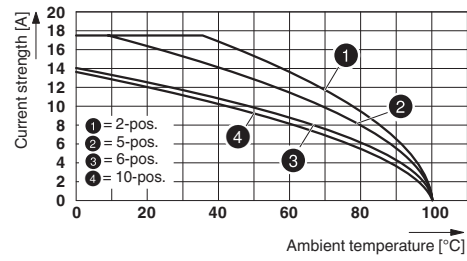
Test plugs, Color: silver

Drawings

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Circuit diagram

Diagram

Mouser Electronics

Authorized Distributor

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