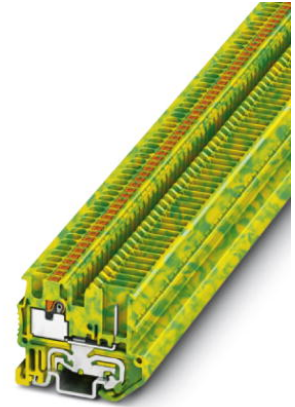



MPT 1,5/S/1P-PE

Order No.: 3248117

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3248117>

Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Color: green-yellow, Mounting type: NS 15

Commercial data

EAN	 4 046356 802154
Note	Made-to-order
sales group	A610
Pack	50 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.003341 KG
Net weight per piece	0.003341 KG
Catalog page information	Page 350 (C-3-2013)

Product notes

WEEE/RoHS-compliant since:
08/31/2012



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data**General**

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

Area of application	Railway industry
	Mechanical engineering
	Plant engineering

General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	3.5 mm
Length	33.55 mm
Height NS 15	28.1 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

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
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Assembly

1413227	ATP-MBK	Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray
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3022263	CLIPFIX 15	Snap-on end bracket, to be snapped onto NS 15 DIN rail
1401763	NS 15 AL PERF 2000MM	DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401682	NS 15 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m
1204096	NS 15 WH PERF 2000MM	DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m

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

3248120	D-MPT 1,5/S	End cover, Length: 33.6 mm, Width: 2.2 mm, Height: 22.3 mm, Color: gray
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Marking

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

Software

5146040	CLIP-PROJECT ADVANCED	Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.
5146053	CLIP-PROJECT PROFESSIONAL	Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

Tools

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
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Additional products

Item	Designation	Description
Connector/Adapter		
3212484	PP-H 1,5/S/1	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray
3212497	PP-H 1,5/S/1 BU	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue
3212507	PP-H 1,5/S/1 GNYE	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow
3212659	PP-H 1,5/S/1-L	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray
3212662	PP-H 1,5/S/1-L BU	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue
3212675	PP-H 1,5/S/1-L GNYE	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

3212688	PP-H 1,5/S/1-M	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray
3212691	PP-H 1,5/S/1-M BU	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue
3212701	PP-H 1,5/S/1-M GNYE	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow
3212714	PP-H 1,5/S/1-R	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: gray
3212727	PP-H 1,5/S/1-R BU	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: blue
3212730	PP-H 1,5/S/1-R GNYE	Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow
3212594	PP-H 1,5/S/10	Plug, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 35 mm, Height: 31.3 mm, Color: gray
3212604	PP-H 1,5/S/11	Plug, Connection method: Push-in connection, Number of positions: 11, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 38.5 mm, Height: 31.3 mm, Color: gray
3212617	PP-H 1,5/S/12	Plug, Connection method: Push-in connection, Number of positions: 12, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 42 mm, Height: 31.3 mm, Color: gray
3212620	PP-H 1,5/S/13	Plug, Connection method: Push-in connection, Number of positions: 13, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 45.5 mm, Height: 31.3 mm, Color: gray
3212633	PP-H 1,5/S/14	Plug, Connection method: Push-in connection, Number of positions: 14, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 49 mm, Height: 31.3 mm, Color: gray
3212646	PP-H 1,5/S/15	Plug, Connection method: Push-in connection, Number of positions: 15, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 52.5 mm, Height: 31.3 mm, Color: gray
3212510	PP-H 1,5/S/2	Plug, Connection method: Push-in connection, Number of positions: 2, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 7 mm, Height: 31.3 mm, Color: gray
3212523	PP-H 1,5/S/3	Plug, Connection method: Push-in connection, Number of positions: 3, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 10.5 mm, Height: 31.3 mm, Color: gray
3212536	PP-H 1,5/S/4	Plug, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 14 mm, Height: 31.3 mm, Color: gray
3212549	PP-H 1,5/S/5	Plug, Connection method: Push-in connection, Number of positions: 5, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 17.5 mm, Height: 31.3 mm, Color: gray

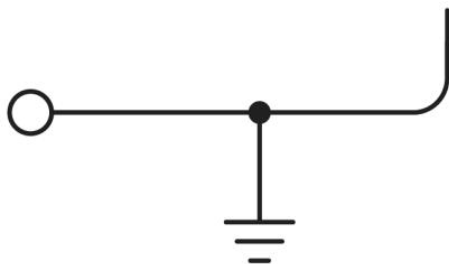
3212552	PP-H 1,5/S/6	Plug, Connection method: Push-in connection, Number of positions: 6, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 21 mm, Height: 31.3 mm, Color: gray
3212565	PP-H 1,5/S/7	Plug, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 24.5 mm, Height: 31.3 mm, Color: gray
3212578	PP-H 1,5/S/8	Plug, Connection method: Push-in connection, Number of positions: 8, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 28 mm, Height: 31.3 mm, Color: gray
3212581	PP-H 1,5/S/9	Plug, Connection method: Push-in connection, Number of positions: 9, Cross section: 0.14 mm ² - 1.5 mm ² , AWG: 26 - 14, Width: 31.5 mm, Height: 31.3 mm, Color: gray

General

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

Drawings

Circuit diagram



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