

MT 1,5

Order No.: 3100305

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3100305>

Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 0.14 mm² - 1.5 mm², AWG 26 - 16, Width: 4.2 mm, Color: gray, Mounting type: NS 15

Commercial data

EAN	4017918099251
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.0025 KG
Catalog page information	Page 428 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<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	gray
Insulating material	PA

Inflammability class acc. to UL 94	V0
Dimensions	
Width	4.2 mm
Length	22 mm
Technical data	
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	17.5 A
Nominal voltage U _N	400 V
Open side panel	ja
Connection data	
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
Type of connection	Screw connection
Stripping length	6 mm
Internal cylindrical gage	A1
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Certificates / Approvals



Certification

BV, CCA, CSA, GL, KEMA, LR, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	15 A
AWG/kcmil	28-14

UL

Nominal voltage U_N	300 V
Nominal current I_N	15 A
AWG/kcmil	30-14

Accessories

Item	Designation	Description
------	-------------	-------------

Assembly

3100321	D-MT 1,5	End cover, Length: 22 mm, Width: 1 mm, Color: gray
1401637	E/MBK	End bracket, width: 6.2 mm, color: gray
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, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

Bridges

3001569	FBRN 4-4 N	Cross connector/bridge, Number of positions: 4, Color: aluminum
3001572	FBRN 5-4 N	Cross connector/bridge, Number of positions: 5, Color: aluminum
3001585	FBRN 6-4 N	Cross connector/bridge, Number of positions: 6, Color: aluminum
3001598	FBRN 7-4 N	Cross connector/bridge, Number of positions: 7, Color: aluminum
3001608	FBRN 8-4 N	Cross connector/bridge, Number of positions: 8, Color: aluminum
3001624	FBRN 10-4 N	Cross connector/bridge, Number of positions: 10, Color: silver
3001637	FBRN 20-4 N	Cross connector/bridge, Number of positions: 20, Color: aluminum

Marking

0803634	ZBFM 4:SO/CMS	Special printing, Zack marker sheet, flat, 100-section, divisible, marking according to customer requirements
---------	---------------	---------------------------------------------------------------------------------------------------------------

Tools

1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm
---------	-------------	--------------------------------------------------------------------------------------------------------------------------------

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2010 Phoenix Contact
Technical modifications reserved;