

# MT 1,5-QUATTRO

Order No.: 3001679



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3001679>

Feed-through modular terminal block, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 16, Connection type: Screw connection, Width: 4.2 mm, Color: gray, Mounting type: NS 15

## Commercial data

EAN	4017918104375
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.004481 KG
Catalog page information	Page 429 (CL-2009)

## Product notes

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



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## Technical data

### General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V0
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**Dimensions**

Width	4.2 mm
Length	33.5 mm

**Technical data**

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 $I_N$	16 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage $U_N$	400 V

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm <sup>2</sup>
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, DNV, GL, GOST, KEMA, LR, UL

#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	15 A
AWG/kcmil	28-14

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	15 A
AWG/kcmil	30-14

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3002982	D-MT 1,5-QUATTRO	End cover, Length: 33.5 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
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### Tools

1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm
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### Diagrams/Drawings

Circuit diagram



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