


## ST 2,5-TWIN-MT

Order No.: 3036356



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036356>

Spring-cage knife disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 72 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7.5, NS 35/15

Commercial data	
GTIN (EAN)	
sales group	A640
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 189 (CL1-2011)

### Product notes

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



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Technical data	
<b>General</b>	
Number of levels	1
Number of connections	3
Color	gray

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Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	5.2 mm
Length	72 mm
Height NS 35/7.5	36.5 mm
Height NS 35/15	44 mm

**Technical data**

Maximum load current	20 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	20 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	400 V

**Connection data**

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Connection method	Spring-cage connection
Stripping length	10 mm

Internal cylindrical gage	A3
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**Certificates / Approvals**



Certification

CSA, CUL, GOST, UL

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3030815	ATP-ST QUATTRO	Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 mm, Color: gray
3030514	D-ST 2,5-QUATTRO	End cover, Length: 72 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray
<b>Bridges</b>		
3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red
<b>Marking</b>		
0818108	UC-TM 5	UniCard materials for labeling terminal blocks with a marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white
0824581	UC-TM 5 CUS	UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements
0818153	UC-TMF 5	UniCard materials for labeling terminal blocks using a flat marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white
0824638	UC-TMF 5 CUS	UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements

0828734	UCT-TM 5	UniCard materials for thermal transfer printer, for labeling terminal blocks with a marker groove, 72-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829595	UCT-TM 5 CUS	Terminal block marking, can be labeled as per customer specifications
0828744	UCT-TMF 5	UniCard materials for thermal transfer printer, for labeling terminal blocks with a horizontal marker groove, 72-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829658	UCT-TMF 5 CUS	Terminal block marking, can be labeled as per customer specifications
3030941	WST 2,5	Warning cover, 5-pos., for terminal width: 5.2 mm
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
0824962	ZB 5 CUS	Terminal block marking, can be labeled as per customer specifications
0825025	ZBF 5 CUS	Terminal block marking, can be labeled as per customer specifications
0808642	ZBF 5:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white

#### Plug/Adapter

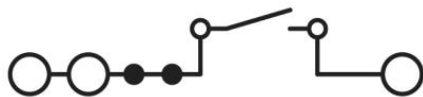
3002843	ISH 2,5/0,2	Insulation stop sleeve, Color: white
3002856	ISH 2,5/0,5	Insulation stop sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, Color: black
3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

#### Tools

1204517	SZF 1-0,6X3,5	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
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#### Diagrams/Drawings

Circuit diagram



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