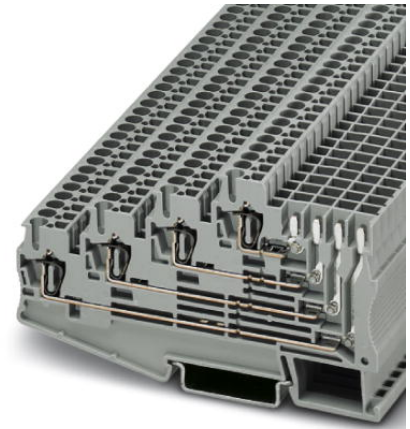



**ST 2,5-4L/1P**

Order No.: 3041985

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3041985>

Spring-cage modular terminal block, Type of connection: Special and hybrid connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

**Commercial data**

GTIN (EAN)	 4 017918 975319
sales group	A670
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 258 (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	4
Number of connections	5
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	5.2 mm
Length	101 mm
Height NS 35/7.5	59 mm
Height NS 35/15	66.5 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 61984
Nominal current $I_N$	10 A
Nominal voltage $U_N$	250 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>
Type of connection	Special and hybrid connection
Stripping length	10 mm
Internal cylindrical gage	A3

**Certificates / Approvals**



Certification

CSA, CUL, UL

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3041930	D-ST 2,5-4L/1P	End cover, Length: 101 mm, Width: 2.2 mm, Height: 57 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>		
0800190	ZB 5 /VT-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet
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
1050127	ZB 5,LGS:1-9	Zack strip, printed horizontally: 9-section, with the numbers 1 - 9, color: white
1050017	ZB 5,LGS:FORTL.ZAHLEN	Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white
1050033	ZB 5,LGS:GLEICHE ZAHLEN	Zack marker strip, printed horizontally: 10-section, with identical numbers 1/1/1, 2/2/2, and so on up to 100, color: white
1050415	ZB 5,LGS:L1-N,PE	Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white

1050020	ZB 5,QR:FORTL.ZAHLEN	Zack marker strip, 10-section, printed vertically: with consecutive numbers 1 - 10, 11 - 20, and so on up to 491 - 500, color: white
5061536	ZB 5/BU-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: blue
5061497	ZB 5/GN-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: green
1050211	ZB 5/OG,LGS: 10-100	Zack strip, printed horizontally: 10-section, with the numbers 10/20/30-100, (for decade labeling), color: orange
5061471	ZB 5/RD-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: red
5060906	ZB 5/WH-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White
5061510	ZB 5/YE-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: yellow

**Plug/Adapter**

3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red
3190438	STG-MTN 0,5-1,0	Module female contact, is inserted into the plug housing MSTBC after crimping the conductor, for conductors from 0.5 to 1.0 mm <sup>2</sup>
3190506	STG-MTN 1,5-2,5	Module female contact, is inserted into the plug housing MSTBC after crimping the conductor, for conductors from 1.5 to 2.5 mm <sup>2</sup>

**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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**Additional products**

Item	Designation	Description
<b>Plug/Adapter</b>		
3041956	CP 2,5-4L	Connectors, Type of connection: Special and hybrid connection, Number of positions: 1, AWG 20 - 14, Width: 5.2 mm, Height: 13 mm, Color: gray
3041943	CP 2,5-4L-Z	Connectors, Type of connection: Special and hybrid connection, Number of positions: 1, AWG 20 - 14, Width: 5.2 mm, Height: 13 mm, Color: gray
3190438	STG-MTN 0,5-1,0	Module female contact, is inserted into the plug housing MSTBC after crimping the conductor, for conductors from 0.5 to 1.0 mm <sup>2</sup>

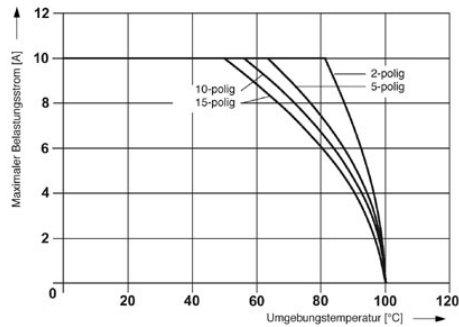
3190506	STG-MTN 1,5-2,5	Module female contact, is inserted into the plug housing MSTBC after crimping the conductor, for conductors from 1.5 to 2.5 mm <sup>2</sup>
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**Tools**

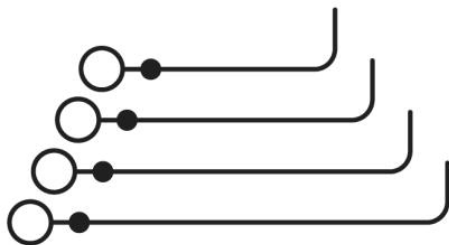
1204038	CRIMPFOX MT 2,5	Crimping pliers, for crimping conductors to the module female contacts STG-MTN, crimp range: 0.5-2.5 mm <sup>2</sup> , AWG: 20-14
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**Diagrams/Drawings**

Diagram



Circuit diagram



ST 2,5-4L/1P Order No.: 3041985

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