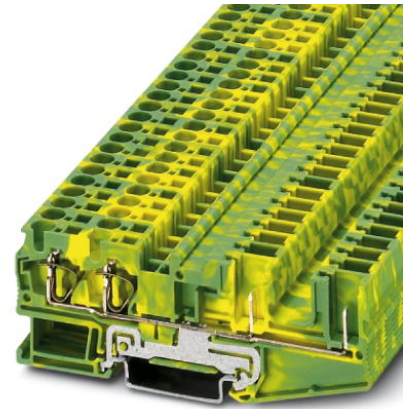


## ST 4-QUATTRO/2P-PE


Order No.: 3042858



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3042858>

Spring cage ground terminal block, Connection method: Spring-cage/  
plug-in connection, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10,  
Width: 6.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS  
35/15

### Commercial data

EAN	 4 017918 956202
sales group	A673
Pack	50 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.017384 KG
Net weight per piece	0.017384 KG
Catalog page information	Page 379 (C-3-2013)

### Product notes

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



[http://  
www.download.phoenixcontact.com](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	4
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

**Dimensions**

Width	6.2 mm
Length	97.3 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

**Connection data**

Connection method	Spring-cage/plug-in connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
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.	4 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.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>

Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

### Certificates / Approvals



Certification CSA, cULus Recognized, GOST, VDE Gutachten mit Fertigungsüberwachung, IECEE CB Scheme

Certifications applied for:

Certification Ex:

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3206225	ATP-QTC QUATTRO	Partition plate, Length: 104.4 mm, Width: 2 mm, Height: 46 mm, Color: gray
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver
1206560	NS 35/ 7,5 CAP	DIN rail end piece, for DIN rail NS 35/7.5
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1204119	NS 35/ 7,5 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204122	NS 35/ 7,5 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206421	NS 35/ 7,5 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m
1206434	NS 35/ 7,5 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

1206573	NS 35/15 CAP	DIN rail end piece, for DIN rail NS 35/15
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
0806602	NS 35/15 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204135	NS 35/15 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206599	NS 35/15 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

**Bridges**

3030336	FBS 2-6	Plug-in bridge, Number of positions: 2, Color: red
3030242	FBS 3-6	Plug-in bridge, Number of positions: 3, Color: red
3030255	FBS 4-6	Plug-in bridge, Number of positions: 4, Color: red
3030349	FBS 5-6	Plug-in bridge, Number of positions: 5, Color: red
3030271	FBS 10-6	Plug-in bridge, Number of positions: 10, Color: red
3030365	FBS 20-6	Plug-in bridge, Number of positions: 20, Color: red
3032224	FBS 50-6	Plug-in bridge, Number of positions: 50, Color: red
3033715	FBSR 2-6	Plug-in bridge, Number of positions: 2, Color: red
3033716	FBSR 10-6	Plug-in bridge, Number of positions: 10, Color: red
3001594	FBSR 3-6	Plug-in bridge, Number of positions: 3, Color: red
3001595	FBSR 4-6	Plug-in bridge, Number of positions: 4, Color: red
3001596	FBSR 5-6	Plug-in bridge, Number of positions: 5, Color: red

**Connector/Adapter**

3002885	ISH 4/0,5	Insulating sleeve, Color: gray
3002898	ISH 4/1,0	Insulating sleeve, Color: black
3030996	PS-6	Test plugs, Color: red
3038736	PS-6/2,3MM RD	Test plugs, Color: red

**Covers**

3043747	D-ST 4-QUATTRO/2P	End cover, Length: 97.2 mm, Width: 2.2 mm, Height: 29 mm, Color: gray
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3036738	DP PS-6	Spacer plate, Color: red
3043750	DS-ST 4/P	Cover segment, Length: 72 mm, Height: 36.5 mm, Color: gray

**General**

3035980	PAI-4-FIX-5/6 BK	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Black
3035981	PAI-4-FIX-5/6 BN	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown
3035975	PAI-4-FIX-5/6 BU	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue
3035978	PAI-4-FIX-5/6 GN	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green
3035982	PAI-4-FIX-5/6 GY	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray
3035974	PAI-4-FIX-5/6 OG	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange
3035976	PAI-4-FIX-5/6 RD	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red
3035979	PAI-4-FIX-5/6 VT	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Violet
3035977	PAI-4-FIX-5/6 YE	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow
3039900	ST-IL	Operating decal for the ST terminal block

**Marking**

3040588	PC	Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red
3030954	WST 4	Warning cover, Strip, yellow, labeled, Mounting type: Plug in, Lettering field: 4.5 x 5.55 mm

**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
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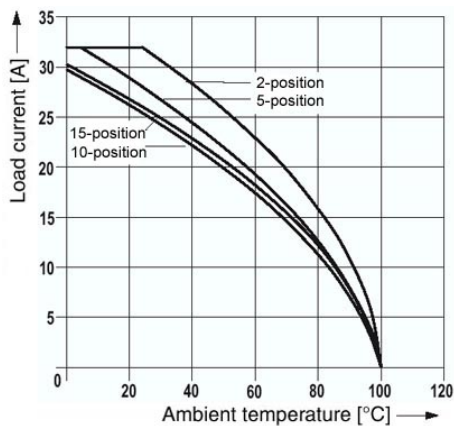
**Connector/Adapter**

3042751	SP 4/ 1-L	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: gray
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3042764	SP 4/ 1-L BU	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: blue
3042777	SP 4/ 1-L GNYE	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: green-yellow
3042780	SP 4/ 1-M	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: gray
3042793	SP 4/ 1-M BU	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: blue
3042803	SP 4/ 1-M GNYE	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: green-yellow
3042816	SP 4/ 1-R	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: gray
3042829	SP 4/ 1-R BU	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: blue
3042832	SP 4/ 1-R GNYE	Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm <sup>2</sup> - 6 mm <sup>2</sup> , AWG: 28 - 10, Width: 6.2 mm, Height: 41.5 mm, Color: green-yellow

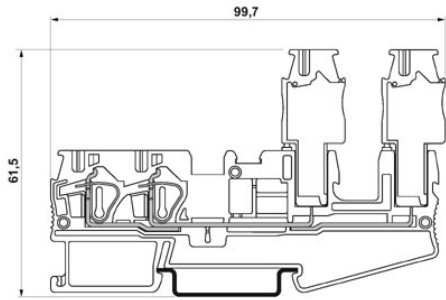
**Drawings**

Diagram



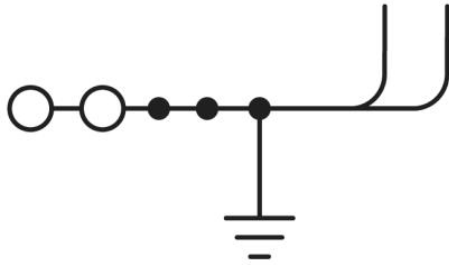
Applies to all male connector variants SP... .

Dimensioned drawing



The illustration shows the terminal with the plug version SP 4/...

Circuit diagram



ST 4-QUATTRO/2P-PE Order No.: 3042858

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