



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**STS 6**

Order No.: 3038121

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3038121>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG 24 - 8, Width: 8.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

**Commercial data**

GTIN (EAN)	
sales group	A600
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 137 (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
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**Dimensions**

Width	8.2 mm
Length	58 mm
Height NS 35/7.5	50 mm
Height NS 35/15	57.5 mm

**Technical data**

Maximum load current	52 A (with 10 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 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>	41 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
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.	6 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.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Type of connection	Spring-cage connection

Stripping length	12 mm
Internal cylindrical gage	A5

### Certificates / Approvals



Certification

ABS, BV, CSA, CUL, DNV, GL, LR, NK, UL

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3024481	ATP-ST 6	Partition plate, Length: 75 mm, Width: 2 mm, Height: 49 mm, Color: gray
3038189	D-ST5 6	End cover, Length: 58 mm, Width: 2.2 mm, Height: 50 mm, Color: gray
<b>Bridges</b>		
3030284	FBS 2-8	Plug-in bridge, Number of positions: 2, Color: red
3030297	FBS 3-8	Plug-in bridge, Number of positions: 3, Color: red
3030307	FBS 4-8	Plug-in bridge, Number of positions: 4, Color: red
3030310	FBS 5-8	Plug-in bridge, Number of positions: 5, Color: red
3032470	FBS 6-8	Plug-in bridge, Number of positions: 6, Color: red
3030323	FBS 10-8	Plug-in bridge, Number of positions: 10, Color: red
<b>Plug/Adapter</b>		
3030925	PAI-4	Test adapter, Color: gray
3030860	RB ST 6-(2,5/4)	Reducing bridge, Number of positions: 2, Color: red
<b>Tools</b>		
1204520	SZF 2-0,8X4,0	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip



**Diagrams/Drawings**

Circuit diagram

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