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Extract from the online catalog

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 mm² - 10 mm², AWG 24 - 8, Width: 8.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data

GTIN (EAN)	 4 017918 928940
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

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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 ² 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 _N	41 A
Nominal voltage U _N	800 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Type of connection	Spring-cage connection

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Stripping length	12 mm
Internal cylindrical gage	A5

Certificates / Approvals



Certification

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

Accessories

Item	Designation	Description
Assembly		
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
Bridges		
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
Plug/Adapter		
3030925	PAI-4	Test adapter, Color: gray
3030860	RB ST 6-(2,5/4)	Reducing bridge, Number of positions: 2, Color: red
Tools		
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

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Diagrams/Drawings

Circuit diagram



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