

SPB 2,5/ 1-R

Order No.: 3043161

Illustration shows versions of the SPB 2,5/1-... connector in various colors

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3043161>

Connector with spring-cage connection for self-assembly, bridgeable, right element; cross section: 0.08 - 2.5 mm², width: 5.2 mm, color: Gray

Commercial data

EAN	4017918895020
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00374 KG
Catalog page information	Page 236 (CL-2007)

Product notes

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



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Technical data

Dimensions

Width	5.2 mm
Length	20 mm
Height NS 35/7,5	25 mm

Technical data

Maximum load current	24 A (with 2.5 mm ² 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 61 984
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	nein

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 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.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Type of connection	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals

Approval logo



CUL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	24-12

UL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	24-12
Certification	BV, CB, CUL, DNV, GL, GOST, LR, UL, VDE-PZI

Accessories

Item	Designation	Description
Assembly		
3040559	PR	Snap-lock device, for plugs, 1-pos.
3040630	PR/2	Snap-lock device, for plugs, 2-pos.
3040614	PRZ	Snap-lock device and strain relief, for plugs, 2-pos.
3040591	PSH 3- 6	Shielding, for mounting on PZ/... and PRZ, for cables with 3-6 mm diameter
3040601	PSH 5-10	Shielding, for mounting on PZ/... and PRZ, for cables with 5-10 mm diameter
3040627	PZ/2	Strain relief, for SP ... and SPB ... plugs, 2-pos.
3040643	PZ/4	Strain relief, for SP ... and SPB ... plugs, 4-pos.

Bridges

3030161	FBS 2-5	Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red
3030174	FBS 3-5	Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red
3030187	FBS 4-5	Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red
3030190	FBS 5-5	Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red
3030213	FBS 10-5	Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red
3030226	FBS 20-5	Plug-in bridge for cross-connections in the terminal center, 20-pos., color: Red

Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
0808671	ZBF 5,LGS:FORTL.ZAHLEN	Zack strip, flat, printed horizontally: 10-section, with the numbers, 1-10, 11-20 etc. up to 991-1000, color: White
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