

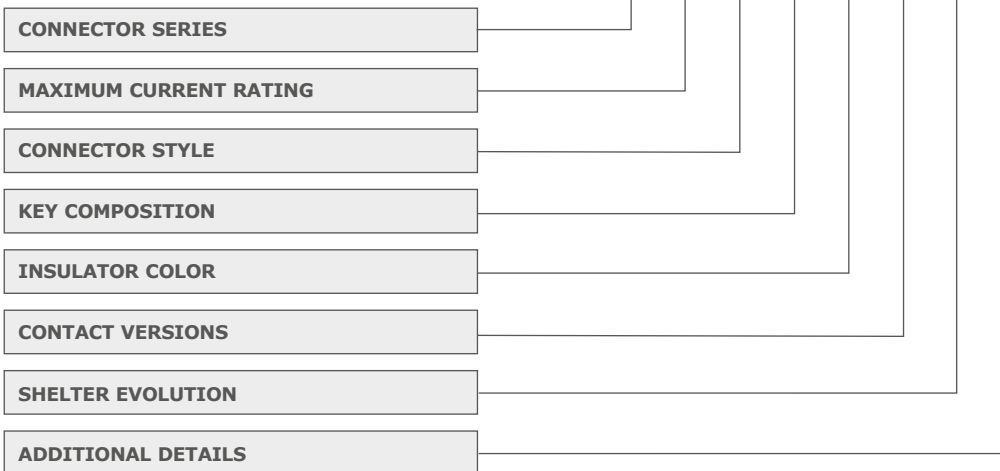
PART NUMBER EXPLANATION

PowerSyntax Panel connectors



Example Part Number

SPX 4 PD E GN 150 MQ SO



Connector Series

SPX Standard version

Maximum Current Rating

4 Up to 480amp (25 to 150mm²)
7 Up to 750amp (185 to 300mm²)

Connector Style

PD Panel Drain
PS Panel Source

Key Composition

E Earth
N Neutral
1 Phase 1
2 Phase 2
3 Phase 3

Insulator Color

GN Green

BL Blue

BR Brown

BK Black

GY Gray

RD Red

YE Yellow

WH White

Contact Versions

M02 Threaded M12 hole
M12 Threaded M12 post

Set-screw contact

025 25 mm²
035 35 mm²
050 50 mm²
070 70 mm²
095 95 mm²
120 120 mm²
150 150 mm²

Crimp contact

165 120/150 mm² | internal Ø 16,5 mm | No. of crimpings 2
179 150/185 mm² | internal Ø 17,9 mm | No. of crimpings 2
197 185/240 mm² | internal Ø 19,7 mm | No. of crimpings 2
222 240/300 mm² | internal Ø 22,2 mm | No. of crimpings 3
237 300 mm² | internal Ø 23,7 mm | No. of crimpings 3

Shelter Evolution or Legacy

00 Connector without Shelter
M4 Shelter Evolution/Legacy with M40 thread without cable gland
M5 Shelter Evolution with M50 thread without cable gland
MQ Shelter Evolution/Legacy with reduced M40 gland Ø 15-23 mm
MP Shelter Evolution/Legacy with normal M40 gland Ø 19-28 mm
MR Shelter Evolution/Legacy with oversized M40 gland Ø 22-32 mm
MU Shelter Evolution with M50 gland Ø 30-38 mm
 (to purchase just the Shelter Evolution add-on, please refer to its section on this website. Contact us for more information about the sizes)

Additional details

00 Shelter Legacy or No additional details
S0 Short backshell for Shelter Evolution
 (for Medium and long backshells see the Panel Lug Converters Part Number explanation)
T5 Brass M5 threaded inserts
 (4 inserts applied to the connector)
NF No flange

Compatible accessories to be ordered separately

SPX-SYLOCK SyntaxLock quick secondary lock release system
SPXTKEY Secondary lock release key

SPXDSC-SC IP53 Protective plastic cap kit for source connectors
SPXDSD-SC IP53 Protective plastic cap kit for drain connectors
SPXDSC-SC-IP67 IP67 protection cap for source connectors
SPXDSD-SC-IP67 IP67 protection cap for drain connectors

SPX-RED025 Sleeve adapter for 25mm² set-screw contact
SPX-RED035 Sleeve adapter for 35mm² set-screw contact
SPX-RED050 Sleeve adapter for 50mm² set-screw contact
SPX-RED070 Sleeve adapter for 70mm² set-screw contact
SPX-RED095 Sleeve adapter for 95mm² set-screw contact