

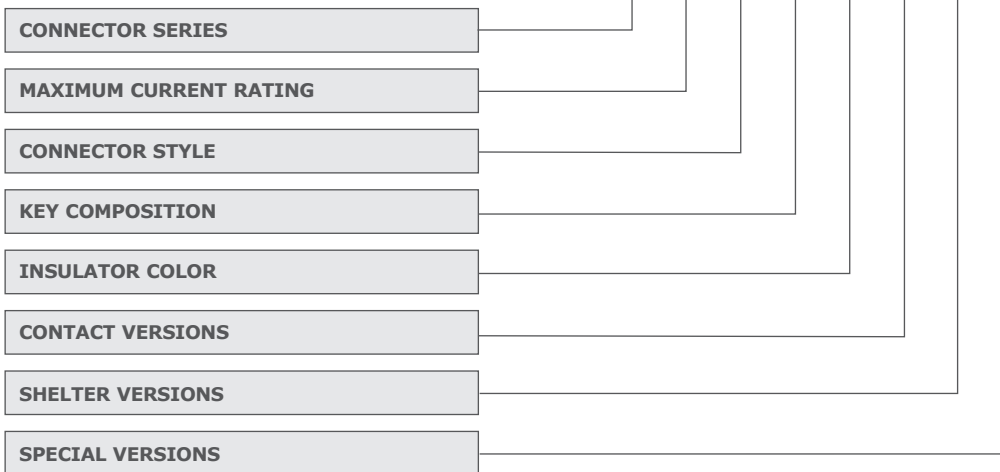
PART NUMBER EXPLANATION

PowerSyntax Panel connectors



Example Part Number

SPX 4 PD E GN 150 MQ T5



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 (only SPX series)

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 Special Versions with backshell

00 Connector body without backshell thread
M0 Backshell without cable gland
MQ Threaded body with backshell and reduced M40 gland Ø 15-23 mm
MP Threaded body with backshell and normal M40 gland Ø 19-28 mm
MR Threaded body with backshell and oversized M40 gland Ø 22-32 mm
MU Threaded body with backshell, M40-M50 adaptor M50 gland Ø 30-38 mm
 (please contact us for more information about the sizes)

Special Versions

00 No special version
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

SPXDCS-SC IP53 Protective plastic cap kit for source connectors
SPXD-SC IP53 Protective plastic cap kit for drain connectors
SPXDCS-SC-IP67 IP67 protection cap for source connectors
SPXD-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