

SP21 Series IP68



Cable connector
Mate with SP2111, SP2112, SP2113

SP2110 / P _ _ _ _ SP2110 / S _ _ _ _
Number of contact

C: with cap
N: without cap
1: solder, 2: screw, 3: crimp
Cable outer diameter: I: 4.5-7mm, II: 7-12mm

Technical drawings showing a circular face view with a diameter of $\varnothing 29$ and a side view with a length of 65mm. Cable outer diameter range: I: 4.5-7mm, II: 7-12mm.

In-line cable connector
Mate with SP2110

SP2111 / P _ _ _ _ SP2111 / S _ _ _ _

C: with cap
N: without cap

Technical drawings showing a circular face view with a diameter of $\varnothing 29$ and a side view with a length of 65mm. Cable outer diameter range: I: 4.5-7mm, II: 7-12mm.

Rear-nut mount
Mate with SP2110

SP2112 / P _ _ _ _ SP2112 / S _ _ _ _
Number of contact

C: with cap
N: without cap
1: solder, 2: screw, 3: crimp

Technical drawings showing a circular face view with a diameter of $\varnothing 29$, a side view with dimensions 11.8, 21.5, and 3 max, and a panel cutout view with a diameter of $\varnothing 20.2$.

2-hole flange
Mate with SP2110

SP2113 / P _ _ _ _ SP2113 / S _ _ _ _

Technical drawings showing a circular face view with dimensions 29, 31, 38, and $\varnothing 3.6$, a side view with dimensions 13.3 and 21.5, and a panel cutout view with a diameter of $\varnothing 21$.

Angled cable connector
Mate with SP2111, SP2112, SP2113

SP2116 / P _ _ _ _ SP2116 / S _ _ _ _
Number of contact

C: with cap
N: without cap
1: solder, 2: screw, 3: crimp
Cable outer diameter: I: 4.5-7mm, II: 7-12mm

Technical drawings showing a side view with dimensions 29, 57, and 51, and a circular face view. Cable outer diameter range: I: 4.5-7mm, II: 7-12mm.

Solder contact spec

★ Crimp contact spec see page 89-92

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30	30	30	30	30 5	15	15	5	5
Contact diameter(mm)	3	3	3	3	$\varnothing 3 \times 2$ $\varnothing 1 \times 3$	2	2	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (m Ω)	1	1	1	1	1 5	2.5	2.5	5	5
Termination	Solder Screw	Solder Screw	Solder Screw	Solder Screw	Solder	Solder	Solder	Solder	Solder
Wire size for solder (mm ² /AWG)	$\leq 4/11$	$\leq 4/11$	$\leq 4/11$	$\leq 4/11$	$\leq 4/11$ $\leq 0.75/18$	$\leq 2/14$	$\leq 2/14$	$\leq 0.75/18$	$\leq 0.75/18$
Wire size for screw termination (mm ² /AWG)	$\leq 1.5/15$	$\leq 1.5/15$	$\leq 1.5/15$	$\leq 1.5/15$	/	/	/	/	/