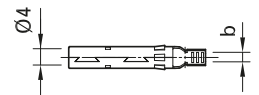
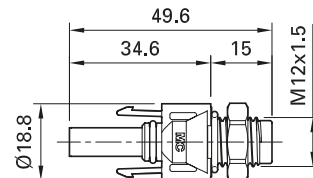


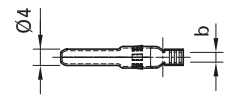
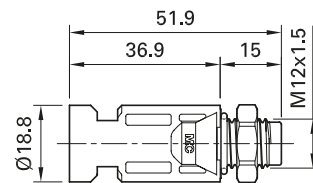
Female and male panel receptacle MC4

Female and male panel receptacles as individual part (including insulating part)

PV-ADBP4-S2...



PV-ADSP4-S2...



Order No.	Type	Female cable coupler	Male cable coupler	Conductor cross section		b (mm)	Approvals		
				mm ²	AWG		TÜV	UL	SP
32.0076P0001-UR	PV-ADBP4-S2/2.5-UR	x		1.5; 2.5	14	3	x	x	x
32.0077P0001-UR	PV-ADSP4-S2/2.5-UR		x	1.5; 2.5	14	3			
32.0078P0001-UR	PV-ADBP4-S2/6-UR	x		4; 6	12; 10	5			
32.0079P0001-UR	PV-ADSP4-S2/6-UR		x	4; 6	12; 10	5			
32.0150P0001	PV-ADBP4-S2/10	x		10		7.2	x		
32.0151P0001	PV-ADSP4-S2/10		x	10		7.2			

Note:

For more detailed information concerning the suitable cable gland range, please consult MA275.



Sealing caps page 53

Special socket wrench insert page 57

Unlocking tool page 58



Assembly Instructions MA275

www.staubli.com/electrical

- MC4 panel-receptacle connectors are the interface between an inverter or junction box or junction and a branch cable
- Mounting directly by means of screw thread or in perforated plate with plastic nut (included in delivery)
- Rapid, precise plugging
- Protection class IP68 (1 m/1 h) guarantees the highest connection safety
- Mating compatibility with MC4 connector family
- Includes sealing element for enclosure

Technical data	
Connector system	Ø 4 mm
Rated voltage	1000 V DC / 1250 V DC (TÜV) 1000 V DC / 1500 V DC (UL)
Rated current TÜV (85°C)	17 A (1.5 mm ²) 22.5 A (2.5 mm ² ; 14 AWG) 39 A (4 mm ² ; 12 AWG) 45 A (6 mm ² ; 10 AWG) 51 A (10 mm ²)
Rated impulse voltage	12 kV (1000 V) / 16 kV (1250 V)
Ambient temperature range	-40°C...+85°C (TÜV/UL)
Upper limiting temperature	105°C (TÜV)
Degree of protection, mated unmated	IP65; IP68 (1 m/1 h) IP2X
Overvoltage category / Pollution degree	CATIII / 3
Contact resistance of plug connectors	≤ 0.25 mΩ
Safety class	II
Contact system	MULTILAM
Type of termination	Crimping
Contact material	Copper, tin plated
Insulation material	PC / PA
Locking system (UL)	Locking type
Flame class	UL94-V0
TÜV-Rheinland certified, in accordance with IEC 62852	R60110077
UL recognized component, in accordance with UL 6703	E343181
CSA certified, in accordance with UL 6703	250725

Note:

Custom made special versions with cable are also available. Lengths and choice of cable ends on request, see page 60