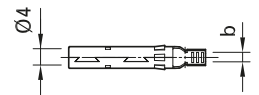
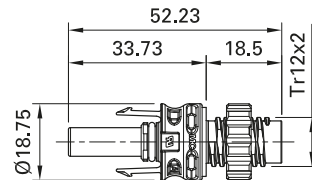


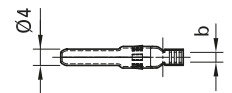
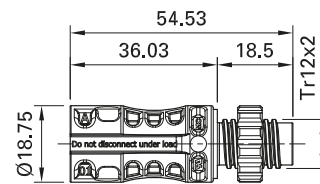
Female and male panel receptacle MC4-Evo2

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

PV-ADB4-EVO 2



PV-ADS4-EVO 2



Order No.	Type	Female cable coupler	Male cable coupler	Conductor cross section			Approvals	
				mm ²	AWG	b (mm)	TÜV	RA
32.0020P0001-UR	PV-ADB4-EVO 2/2,5-UR	x		2.5	14	3	x	x
32.0021P0001-UR	PV-ADS4-EVO 2/2,5-UR		x	2.5	14	3		
32.0022P0001-UR	PV-ADB4-EVO 2/6-UR	x		4.0; 6.0	12; 10	5		
32.0023P0001-UR	PV-ADS4-EVO 2/6-UR		x	4.0; 6.0	12; 10	5		

Note:

For more detailed information concerning the suitable cable gland range, please consult MA285.



Sealing caps page 53

Unlocking tool page 58



Assembly Instructions MA285

www.staubli.com/electrical

- MC4-Evo2 panel-receptacle connectors are the interface between the inverter or the distributor housing and string
- Assembly directly via the threads or in the perforated plate with the plastic nut (contained in scope of delivery)
- Thanks to the D shape, the threaded connection is secured against turning
- For 1500 V DC (IEC), 1500 V DC (UL) approved unobstructed
- Degree of protection IP68 (1m/1h) guarantees highest connection safety
- Fast and clean connection
- Plug compatible with the original MC4 plug connector family
- With preassembled flat seal

Technical data	
Connector system	Ø 4 mm
Rated voltage	1500 V DC (TÜV) 1500 V DC (UL)
Rated current TÜV	32 A (2.5 mm ² / 14 AWG) 42 A (4.0 mm ² / 12 AWG) 47 A (6.0 mm ² / 10 AWG)
Rated impulse voltage	16 kV (1500 V)
Ambient temperature range	-40°C...+85°C (TÜV) -40°C...+90°C (UL)
Upper limiting temperature	115°C
Degree of protection, mated unmated	IP65; IP68 (1m/1h) IP2X
Overvoltage category/Pollution degree	CATIII/3
Contact resistance of plug connectors	≤ 0.2 mΩ
Safety class	II
Contact system	MULTILAM
Type of termination	Crimping
Contact material	Copper, tin plated
Insulation material	PA
Locking system (UL)	Locking type
Flame class	UL94-V0
TÜV-Rheinland certified, in accordance with IEC 62852 UL recognized component, in accordance with UL 6703	R60127171 E343181