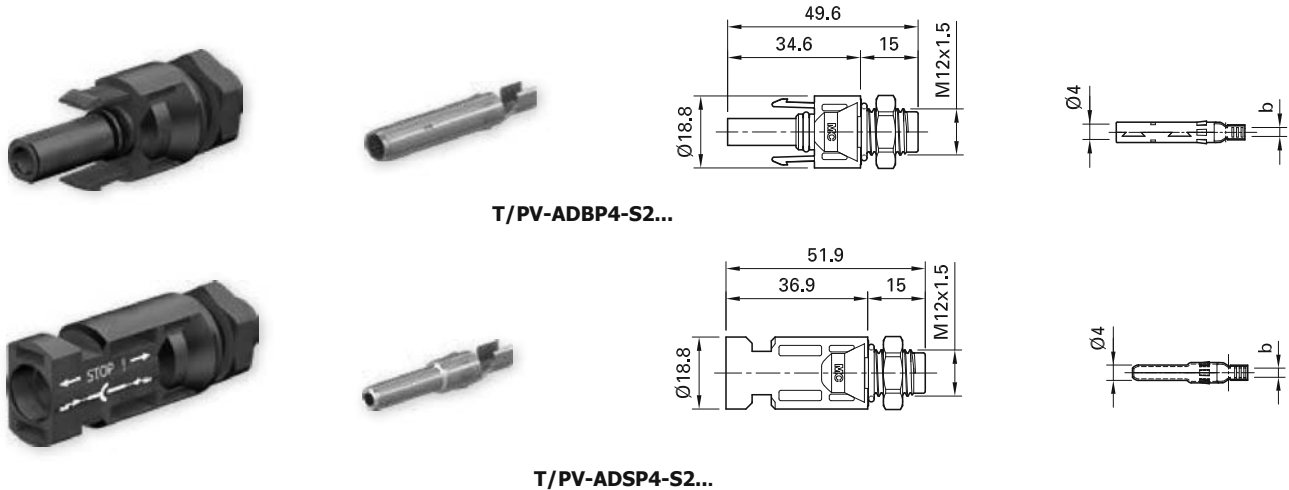


MC4 Panel Mount Connectors

Female and Male Panel Receptacles as Individual Part (including insulating part)



Part No	Female cable coupler	Male cable coupler	Conductor cross section		b (mm)	Approvals		
			mm ²	AWG		TÜV	UL	SP
T/PV-ADBP4-S2/2.5-UR	x		2.5	14	3	x	x	x
T/PV-ADSP4-S2/2.5-UR		x	2.5	14	3			
T/PV-ADBP4-S2/6-UR	x		4; 6	12; 10	5			
T/PV-ADSP4-S2/6-UR		x	4; 6	12; 10	5			

- 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

MC4 Panel Mount Connectors

Female and Male Panel Receptacles as Individual Part (including insulating part)

Technical data	
Connector system	Ø 4 mm
Rated voltage	1250 V DC (TÜV) 1500 V DC (UL)
Rated current TÜV (85°C)	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	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	R60127181
UL recognized component, in accordance with UL 6703	E343181
CSA certified, in accordance with UL 6703	250725