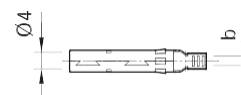
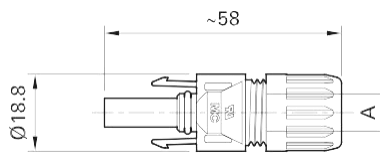


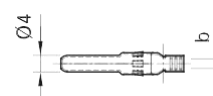
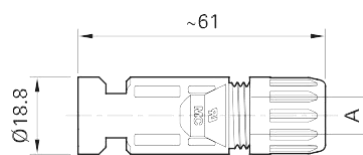
MC4 Male and female cable connector

Male and female cables are separate parts (including insulation parts)

PV-KBT4...



PV-KST4...



CODE	SIZE	Female connector	Male connector	Cable Dia.	Conductor section			Certification			
				A (mm)	mm2	AWG	b (mm)	TÜV	UL	SA	CQC
32·0010P0001-UR	PV-KBT4/2,5I-UR	×		5-6	2.5	14	3	×	×	×	×
32·0011P0001-UR	PV-KST4/2,5I-UR		×	5-6	2.5	14	3				
32·0140P0001-UR	PV-KBT4/2,5X-UR	×		5.5-7.4	2.5	14	3				
32·0141P0001-UR	PV-KST4/2,5X-UR		×	5.5-7.4	2.5	14	3				
32·0012P0001-UR	PV-KBT4/2,5II-UR	×		5.9-8.8	2.5	14	3				
32·0013P0001-UR	PV-KST4/2,5II-UR		×	5.9-8.8	2.5	14	3				
32·0014P0001-UR	PV-KBT4/6I-UR	×		5-6	4; 6	12; 10	5				
32·0015P0001-UR	PV-KST4/6I-UR		×	5-6	4; 6	12; 10	5				
32·0142P0001-UR	PV-KBT4/6X-UR	×		5.5-7.4	4; 6	12; 10	5				
32·0143P0001-UR	PV-KST4/6X-UR		×	5.5-7.4	4; 6	12; 10	5				
32·0016P0001-UR	PV-KBT4/6II-UR	×		5.9-8.8	4; 6	12; 10	5				
32·0017P0001-UR	PV-KST4/6II-UR		×	5.9-8.8	4; 6	12; 10	5				
32·0080-UR	PV-KBT4/8II-UR	×		6.05-8.56	-	8	4.4	×	×	×	
32·0081-UR	PV-KST4/8II-UR		×	6.05-8.56	-	8	4.4				
32·0034P0001	PV-KBT4/10II	×		5.9-8.8	10	-	7.2				
32·0035P0001	PV-KST4/10II		×	5.9-8.8	10	-	7.2	×			×

- Built-in locking
- Comply with NEC 2014 standard and can only be loosened using tools
- The time-tested MULTILAM technology provides long-term stability and ensures low power loss throughout the life of the connector
- Connectors up to 10 mm² are available
- Finished wire harnesses are also available
- Compatible with MC4
- After 15 years of actual photovoltaic power station operation and use inspection

Technical Data

Connector System	Ø4mm
Rated Voltage	1000VDC(IEC62852) 1500VDC(2PFG330) 1500VDC(UL)
Rated Current TUV (85 °C)	22.5A(2.5mm ²) 39A(4mm ² /6mm ²) 45A(10mm ²)
Rated Current UL	30A(14AWG) 30A(12/10AWG) 50A(8AWG)
Rated pulse voltage	12kV(1000V DC(TUV)) 16kV(1500V DC(TUV))
Ambient Temperature Range	-40 °C...+85 °C (TUV) -40 °C...+75 °C (UL)
Upper Temperature	105 °C (TUV)
Protection Level Insert in, Non Insert in	IP65, IP68 (1 h/1 m) IP2X
Class of overpressure/pollution level	CAT III/3
Contact resistance of connector	≤0.25mΩ
Safety Class	1000V DC : 11 1500VDC : 0
Connector system	MULTILAM
Wiring Type	Crimping
Contact Materials	Copper, Tinned copper
Insulation Materials	PC/PA
Lock system(UL)	Flushbonading
Flame retardent Class	UL94-V0
Ammonia Resistance(comply DLG)	1500h,70°C/70%relative Humidity,750PPm
Salt Spray test Severity Rating 6	IEC 60068-2-52
TUV, Comply IEC62852	R60127190
TUV, Comply 2PFG2330	R60087448
UL, Comply UL6703	E343181
CSA, Comply UL6703	250725
CQC, Comply CNCA/CTS0002-2012	CQC16024138286

Remark:

1. 2PFG2330: Photovoltaic power station system for restricted access only
2. IEC62790 compliant PV junction boxes must be matched in accordance with EN50618 standard