- Snap-in lock
- In accordance with NEC 2014, requires a tool to open
- Proven MULTILAM technology with high long-term stability, which ensures consistently low performance loss throughout the entire service life of the plug connector
- Tried and tested plug connectors, over 15 years of experience in the field
- Available for assembly with cross-sections of 10 mm²
- Also available as ready made leads
- Leads made to customer's specifications, see page 74

Technical data	
Connector system	Ø 4 mm
Rated voltage	1000 V DC (IEC 62852) 1500 V DC (2Pfg2330)[1)] 600 V DC / 1000 V DC / 1500 V DC (UL)[2)]
Rated current TÜV (85 °C)	17 A (1,5 mm²) 22,5 A (2,5 mm²) 39 A (4 mm²/6 mm²) 45 A (10 mm²)
Rated current UL	22,5 A (14 AWG) 30 A (12 AWG/10 AWG) 50 A (8 AWG)
Rated impulse voltage	12 kV (1000 V DC (TÜV)) 16 kV (1500 V DC (TÜV))
Ambient temperature range	-40 °C...+85 °C (TÜV) -40 °C...+75 °C (UL)
Upper limiting temperature	105 °C (TÜV)
Degree of protection, mated unmated	IP65, IP68 (1 h / 1 m) IP2X
Overvoltage category / Pollution degree	CATIII / 3
Contact resistance of plug connectors	≤ 0.25 mΩ
Safety class	1000 V DC: II 1500 V DC: 0
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
Ammonia resistance (acc. to DLG)	1500 h, 70 °C / 70% RH, 750 ppm
Salt mist spray test, degree of severity 6	IEC 60068-2-52
TÜV-Rheinland certified, in accordance with IEC 62852 TÜV-Rheinland certified, in accordance with 2PfG2330 UL recognized component, in accordance with UL 6703 CSA certified, in accordance with UL 6703 CQC certified according CNCA/CTS0002-2012	R60111354[3)] R60087448 E343181 250725 CQC16024138286

[1)] 2Pfg2330: only approved for locations with restricted access

[2)] for selected configurations; see assembly instructions MA231 for details

[3)] For PV junction boxes in accordance with IEC62790, lines in accordance with EN50618 must be used