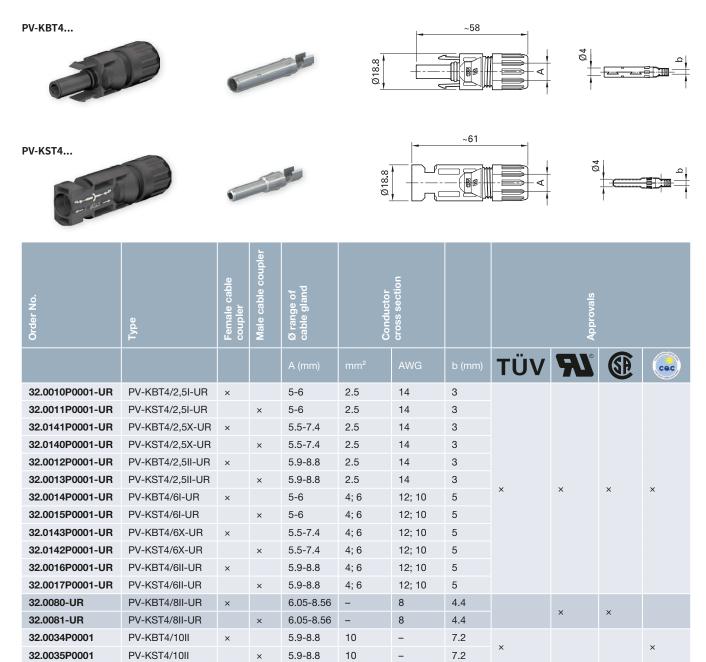
## Female and male cable coupler MC4

Female and male cable coupler as individual part (including insulating part)



## Note:

For more detailed information concerning the suitable cable gland range, please consult MA231



Assembly Instructions MA231

www.staubli.com/electrical



Sealing caps page 62
Assembly tools page 69



- 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 through-
- out 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 crosssections of 10 mm<sup>2</sup>
- 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) <sup>1)</sup> 600 V DC/1000 V DC/1500 V DC (UL) <sup>2)</sup>
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.	R60087448
in accordance with 2PfG2330	1100007 110
UL recognized component,	E343181
in accordance with UL 6703	
CSA certified, in accordance with UL 6703	250725 CQC16024138286
CQC certified according CNCA/CTS0002-2012	00010024130200

<sup>1) 2</sup>Pfg2330: only approved for locations with restricted

 <sup>2)</sup> for selected configurations; see assembly instructions MA231 for details

<sup>39</sup> For PV junction boxes in accordance with IEC62790, lines in accordance with EN50618 must be used