

MC4 DC 1500 V Adapter leads and test connectors

Renewable Energy | Solar Photovoltaics

EN



Adapter test leads MC4



Adapter test lead PV-1500AMLXB4L/150...



Adapter test lead PV-1500AMLXS4L/150...

One end equipped with Stäubli MC4 PV connector, the other end with Ø 4 mm Stäubli safety plug for measuring instruments with Ø 4 mm safety sockets ensuring safe current and voltage measuring on PV-modules and systems. The test leads are certified to harmonized standard UL/IEC 61010-031, and rated at 30 A and DC 1500 V. Gold plating of the contacts allows for precise measurements and high mating cycles.

Technical data

Technical data	
Connector system	MC4
Rated voltage	DC 1500 V
Rated current	30 A
Category	CAT III
Degree of pollution	2
Lead cross section	2.5 mm ²
Lead length	150 cm
Contact material	Copper, gold plated
Maximum number of mating cycles	1000
UL certified to harmonized standard UL/IEC 61010-031 with UL file number:	E533779

Ordering information

Order No.	Type	Socket	Plug	Connector system	Colour
32.0476-15021	PV-1500AMLXB4L/15021	x		MC4	21
32.0476-15023	PV-1500AMLXB4L/15023	x		MC4	23
32.0477-15021	PV-1500AMLXS4L/15021		x	MC4	21
32.0477-15022	PV-1500AMLXS4L/15022		x	MC4	22

Note:

Other cable lengths and colors are available upon request.

Test socket and plug MC4



Test socket PV-KBT4/...-PL-UR AU



Test socket PV-KBT4/...-P-UR AU



Test plug PV-KST4/...-PL-UR AU



Test plug PV-KST4/...-P-UR AU

Special construction with gold plated contacts for test and measurement to achieve higher mating cycles. The test plugs are compliant with UL/IEC 61010-031 and available with or without locking features. Suitable for connection of wire sizes 14 AWG to 8 AWG.

Technical data

Technical data	
Connector system	MC4
Rated voltage	DC 1500 V
Rated current	30 A (2.5 mm ² , 14 AWG) ¹⁾ 35 A (4 mm ² , 12 AWG) ¹⁾ 50 A (10 AWG) ¹⁾ 70 A (8 AWG) ¹⁾
Contact material	Copper, gold plated
Maximum number of mating cycles	1000
Insulation material	PC/PA
UL recognized component certified to harmonized standard UL/IEC 61010-031 with UL file number	E533779

¹⁾ Recognized component. The amperage rating needs to be verified in the user configuration/application.

Ordering information

Female test plug		Male test plug		Max. outer diameter of cable ¹⁾ mm	Conductor cross section		Locking type
Order No.	Type	Order No.	Type		mm ²	AWG	
32.0458-UR	PV-KBT4/5I-PL-UR AU	32.0459-UR	PV-KST4/5I-PL-UR AU	6.2	2.5; 4	14; 12; 10	×
32.0460-UR	PV-KBT4/5X-PL-UR AU	32.0461-UR	PV-KST4/5X-PL-UR AU	7.0	2.5; 4	14; 12; 10	×
32.0462-UR	PV-KBT4/5II-PL-UR AU	32.0463-UR	PV-KST4/5II-PL-UR AU	8.8	2.5; 4	14; 12; 10	×
32.0464-UR	PV-KBT4/8I-PL-UR AU	32.0465-UR	PV-KST4/8I-PL-UR AU	6.2		8	×
32.0466-UR	PV-KBT4/8X-PL-UR AU	32.0467-UR	PV-KST4/8X-PL-UR AU	7.0		8	×
32.0468-UR	PV-KBT4/8II-PL-UR AU	32.0469-UR	PV-KST4/8II-PL-UR AU	8.8		8	×
32.0440-UR	PV-KBT4/5I-P-UR AU	32.0441-UR	PV-KST4/5I-P-UR AU	6.2	2.5; 4	14; 12; 10	
32.0442-UR	PV-KBT4/5X-P-UR AU	32.0443-UR	PV-KST4/5X-P-UR AU	7.0	2.5; 4	14; 12; 10	
32.0444-UR	PV-KBT4/5II-P-UR AU	32.0445-UR	PV-KST4/5II-P-UR AU	8.8	2.5; 4	14; 12; 10	
32.0446-UR	PV-KBT4/8I-P-UR AU	32.0447-UR	PV-KST4/8I-P-UR AU	6.2		8	
32.0448-UR	PV-KBT4/8X-P-UR AU	32.0449-UR	PV-KST4/8X-P-UR AU	7.0		8	
32.0450-UR	PV-KBT4/8II-P-UR AU	32.0451-UR	PV-KST4/8II-P-UR AU	8.8		8	

¹⁾ The suitability of the cable needs to be verified by the user.



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