

Female and male panel receptacle MC4

As individual part (including insulating part)



Female panel receptacle PV-ADBP4-S2...



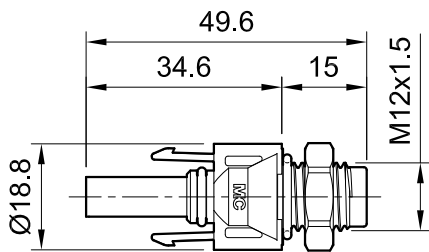
Male panel receptacle PV-ADSP4-S2...

- 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 (IP66 and IP 68) guarantees maximum tightness.
- To be used with suitable mated connectors from the MC4 product family and suitable lead.
- Includes sealing element for enclosure.

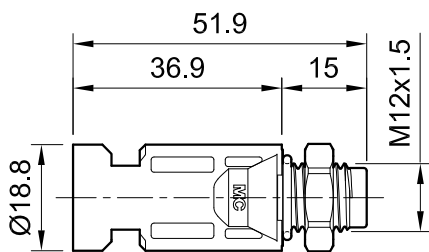
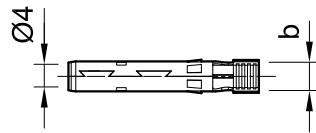
Technical data

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Ambient temperature range	-40 °C...+85 °C (TÜV/UL)
Upper limiting temperature	105 °C
Degree of protection, mated	IP66/IP68 (1 m, 1 h)
Degree of protection, unmated	IP2X
Degree of pollution	3
Max. contact resistance of the connector	0.25 mΩ
Rated Impulse Voltage	16 kV
Contact system	MULTILAM
Type of connection	Crimping
Contact material	Copper, tin plated
Insulation material	PC/PA
Locking system	Locking Type
Fire protection class	UL94:V-0
TÜV Rheinland certifications number	R 60127181
UL-File number	E343181
CSA number of certificate	250725

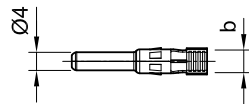
Dimensional drawings



Female panel receptacle PV-ADBP4-S2...



Male panel receptacle PV-ADSP4-S2...



Ordering information

Order No.	Type	Socket	Plug	Width of crimp opening	IEC 62852			UL 6703			Approvals		
				b (mm)	mm²	DC V	A	AWG	DC V	A	TÜV	UR	CSA
32.0076P0001-UR	PV-ADBP4-S2-UR/2,5	x		4.0	1.5	1250	17.5				x	x	x
					2.5	1250	22.5						
								14	1500	30			
32.0077P0001-UR	PV-ADSP4-S2-UR/2,5		x	4.0	1.5	1250	17.5				x	x	x
					2.5	1250	22.5						
								14	1500	30			
32.0078P0001-UR	PV-ADBP4-S2-UR/6	x		5.8	4	1250	39				x	x	x
					6	1250	45						
								12	1500	35			
								10	1500	50			
32.0079P0001-UR	PV-ADSP4-S2-UR/6		x	5.8	4	1250	39				x	x	x
					6	1250	45						
								12	1500	35			
								10	1500	50			
32.0150P0001	PV-ADBP4-S2/10	x		6.5	10	1250	51				x		
32.0151P0001	PV-ADSP4-S2/10		x	6.5	10	1250	51				x		

Note:

For more detailed information concerning the suitable cable gland range, please consult corresponding assembly instructions (see “Further information”).

Note:

Unmated connectors must be protected from any contamination using Stäubli sealing caps. For ordering information concerning Stäubli sealing caps, please consult corresponding catalog (see “Further information”).

Further information



Tools and accessories

For related Stäubli tools and accessories please consult:

www.staubli.com/re-downloads.html → English → Catalog → **Tools and accessories**



Assembly instructions

For assembly instructions for “Female and male panel receptacle MC4” please consult:

www.staubli.com/re-downloads.html → English → Assembly info → **MA275**