



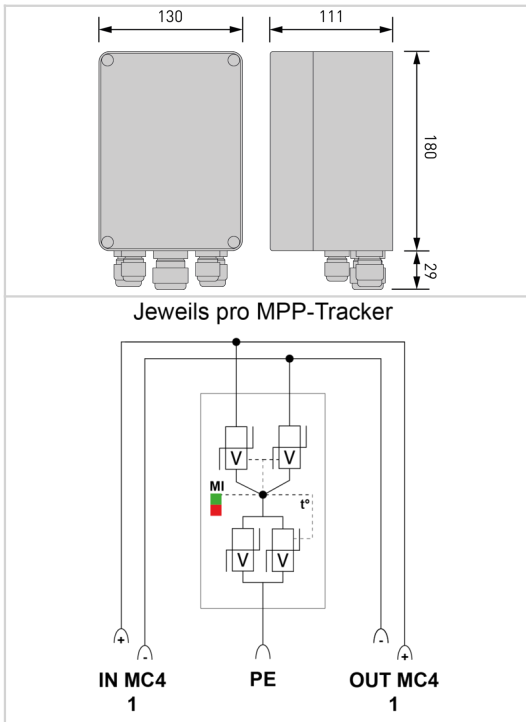
CITEL

PV-DC-Junction box

CiPlug1-DP6-1-XS



- ✦ Junction box for 1 MPP-Tracker / 1 String
- ✦ Surge protection integrated
- ✦ Protection rating IP65
- ✦ Connection cables pre-assembled with MC4 connectors



Electrical Characteristics			
SPD type	IEC	1+2+3	
Network		PV network 1000 Vdc	
Nominal DC voltage	Un-dc	1000 Vdc	
Rated insulation voltage	Ui	1000 Vdc	
Rated current	InA	20 A	
Rated string current	InC	20 A	
Mechanical Characteristics			
Housing material		UV and ozone resistant, glass fibre reinforced polycarbonate	
Dimensions		See diagram	
Input / per MPPT		MC4 plug 1x 6mm ² with 15cm connection cable	
Output / per MPPT		MC4-Stecker 1x 6mm ² mit 120cm Anschlussleitung	
Ground connection terminal		Screw terminal 2.5-25mm ² (35mm ²)	
Cable gland		Metric / 1x M24 (Ø 6-12mm) PE	
Housing material		UV and ozone resistant, fiberglass reinforced polycarbonate with semi-transparent cover	
Dimensions		WxHxD (mm): 130 x 180 x 111	
Ambient temperatures		Indoor: -5°C to max. +40°C (+35°C 24h average) / Outdoor: -25°C to max. +40°C (+35°C 24h average)	
Humidity		Indoor: max. 50% at +40°C, max. 90% at 20°C (non-condensing) / Outdoor: 95% for a short time at +25°C (non-condensing)	
Protection rating		IP 65	
Protection class		Class II	
Impact resistance		IK 8	
Pressure compensation element		Existing	
Standards			
Standards compliance		DIN EN 50539-11 / DIN EN IEC 61439-2	
Part number			
156954			

