



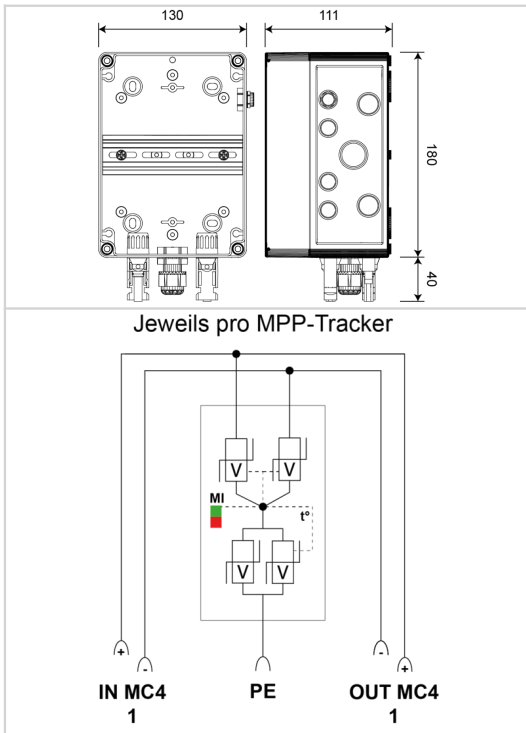
# CITEL

## PV-DC-Junction box

### CiPlug1-MCx1.MCx1-DP40-1-XS



- ✦ Junction box for 1 MPP-Tracker / 1 String
- ✦ Surge protection integrated
- ✦ Protection rating IP65 MC4 plug (attached to the housing base)



Electrical Characteristics			
SPD type	IEC		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 (attached to the housing base)
Output / per MPPT			MC4 plug (attached to the housing base)
Ground connection terminal			Screw terminal 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> )
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			
156612			

