



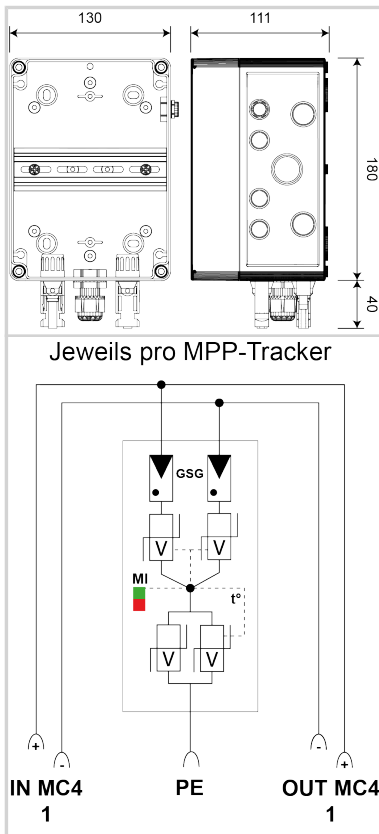
CITEL

PV-DC-Junction box

CiPlug1-MCx1.MCx1-DP40VG-1-XS



- Junction box for 1 MPP-Tracker / 1 String
- Surge protection integrated (DPVN40CVG-21Y-1200, Type 2+3)
- 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	30 A
Rated string current	InC	30 A

Mechanical Characteristics

Housing material	UV and ozone resistant, glass fibre reinforced polycarbonate
Protection rating	IP65
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 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 class	Class II
Impact resistance	IK 8
Pressure compensation element	Existing

Standards

Standards compliance	DIN EN 50539-11 / DIN EN IEC 61439-2
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Part number

156613

