



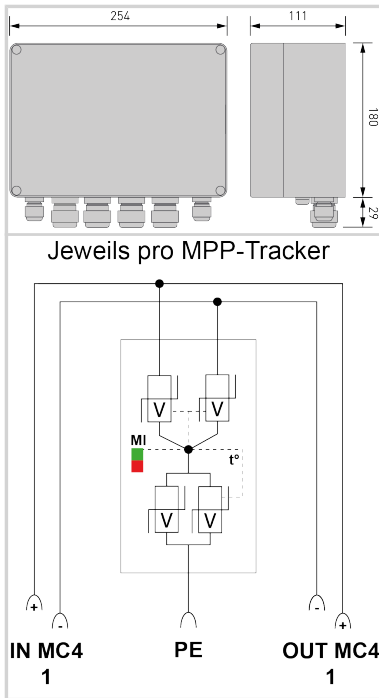
CITEL

PV-DC-Junction box

CiPlug2-DP6-1-XS



- Junction box for 2 MPP-Tracker / 1 String
- Surge protection integrated (DPVN1-6C-21Y-1200, Type 1+2+3)
- 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 <i>Ui</i> | Ui | 1000 Vdc |
| Rated current <i>InA</i> | InA | 30 A |
| Rated string current | InC | 30 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): 254 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 |
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Part number

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| 156964 |
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