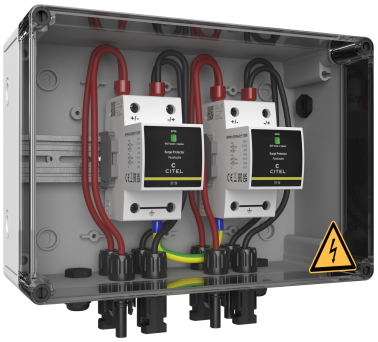
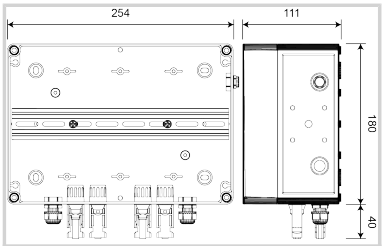
*PV-DC-Junction box*

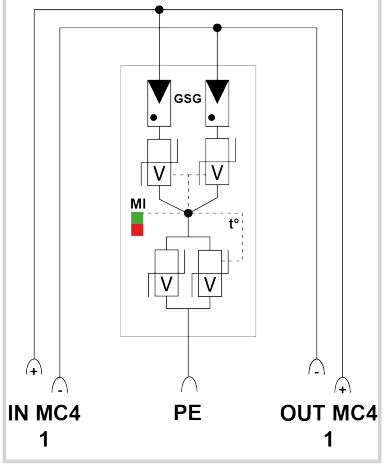
# CiPlug2-MCx1.MCx1-DP6VG-1-XS



- Junction box for 2 MPP-Tracker / 1 String
- Surge protection integrated (DPVN1-6CVG-21Y-1200, Type 1+2+3)
- Protection rating IP65
- Connection cables pre-assembled with MC4 connectors




Jeweils pro MPP-Tracker




| | | |
|---|---|---|
| **Electrical Characteristics** | | |
| SPD type | IEC | 1+2+3 |
| Network | | PV network 1000 Vdc |
| Nominal DC voltage | Un-dc | 1000 Vdc |
| Rated insulation voltage<br>*Ui* | Ui | 1000 Vdc |
| Rated current<br>*InA* | 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 2.5-25mm² (35mm²) |
| 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 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** | | |
| **156625** | | |