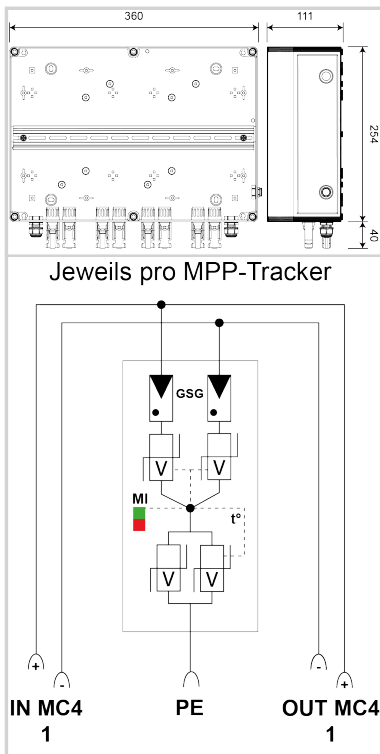




# CITEL



## PV-DC-Junction box

### CiPlug4-MC4x1.MC4x1-DP6VG-1-XS

- Junction box for 4 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



| 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   | 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): 360 x 254 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                   |       |                                                                                                                        |
| 156645                        |       |                                                                                                                        |

