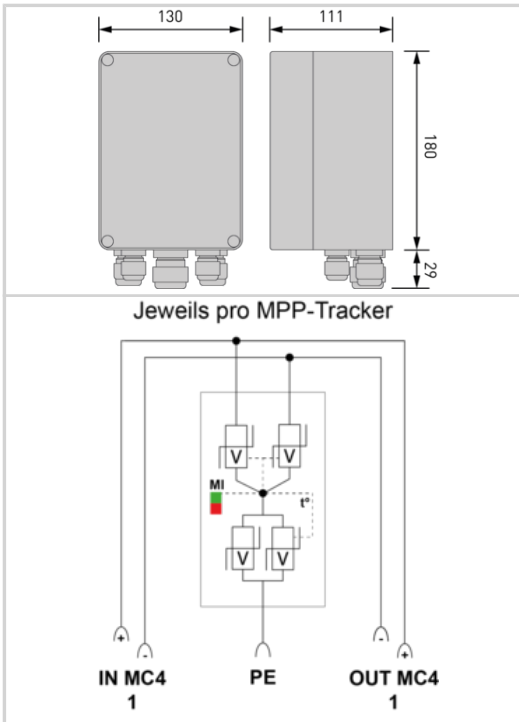




- Junction box for 1 MPP-Tracker / 1 String
- Surge protection integrated
- Protection rating IP65
- Connection cables pre-assembled with MC4 connectors



| Electrical Characteristics    |  |
|-------------------------------|--|
| SPD type                      | 1+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 1x 6mm <sup>2</sup> with 15cm connection cable  |
| Output / per MPPT             | MC4-Stecker 1x 6mm <sup>2</sup> mit 120cm Anschlussleitung   |
| 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                   |  |
| 156954                        |  |

