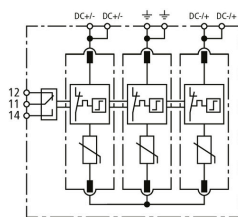


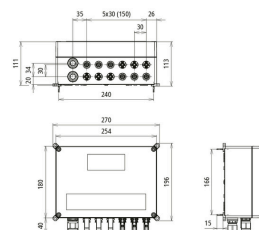
## DCU 2 YPV 1100 3M 1S MC4 FM (900 931)



Figure without obligation



Basic circuit diagram DCU 2 YPV 1100 3M 1S MC4 FM



Dimension drawing DCU 2 YPV 1100 3M 1S MC4 FM

Generator junction box for PV systems of up to 1100 V DC for protecting three MPP inputs and one string each.

| Type   | DCU 2 YPV 1100 3M 1S MC4 FM  |
|--|--|
| Part No.   | 900 931  |
| SPD according to EN 61643-31 / IEC 61643-31                            | type 2 / class II  |
| Max. PV voltage ( $U_{CPV}$ )  | 1100 V   |
| Short-circuit current rating ( $I_{SCPV}$ )                            | 10 kA  |
| Total discharge current (8/20 $\mu$ s) ( $I_{total}$ )                 | 40 kA  |
| Nominal discharge current (8/20 $\mu$ s) [(DC+/DC-) --> PE] ( $I_n$ )  | 20 kA  |
| Max. discharge current (8/20 $\mu$ s) [(DC+/DC-) --> PE] ( $I_{max}$ ) | 40 kA  |
| Voltage protection level ( $U_P$ )                                     | $\leq 4$ kV  |
| Nominal load current ( $I_L$ )   | 40 A   |
| Response time ( $t_A$ )  | $\leq 25$ ns   |
| Operating temperature range ( $T_U$ )                                  | -35°C to +50°C   |
| Operating state / fault indication                                     | green / red  |
| Number of ports  | 1  |
| cross-sectional area ( $\frac{1}{2}$ ) (min.)                          | 6 mm <sup>2</sup>  |
| cross-sectional area ( $\frac{1}{2}$ ) (max.)                          | 16 mm <sup>2</sup> solid / 25 mm <sup>2</sup> fine-stranded                    |
| Cross-sectional area for MC4 connector (DC+, DC-) (min.)               | 2.5 mm <sup>2</sup> fine-stranded  |
| Cross-sectional area for MC4 connector (DC+, DC-) (max.)               | 10 mm <sup>2</sup> fine-stranded   |
| Place of installation  | outdoor  |
| Degree of protection   | IP 65  |
| Rated insulation voltage (DC) ( $U_i$ )                                | 1500 V   |
| Type   | with pressure compensating element   |
| Cover  | transparent cover with product label   |
| Colour of enclosure  | grey   |
| Number of cable entries  | 6x original MC4 plug (PV-ADS4-EVO 2A), 6x original MC4 socket (PV-ADB4-EVO 2A) |
| Number of cable entries  | 2x M20   |
| Weight   | 2,24 kg  |
| Customs tariff number (Comb. Nomenclature EU)                          | 85372091   |
| GTIN   | 4013364534742  |
| PU   | 1 pc(s)  |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.