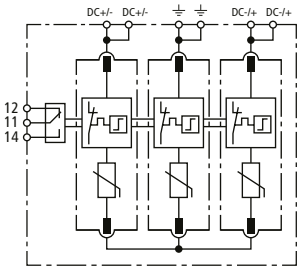
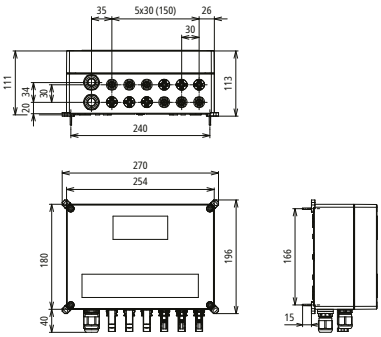
DCU 2 YPV 1100 3M 1S MC4 FM (900 931)





Basic circuit diagram



Dimension drawing

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

NEW

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 withstand capability (I_{SCPV})	10 kA
Total discharge current (8/20 µs) (I_{total})	40 kA
Nominal discharge current (8/20 µs) [(DC+/DC-) --> PE] (I_n)	20 kA
Max. discharge current (8/20 µs) [(DC+/DC-) --> PE] (I_{max})	40 kA
Voltage protection level (U_p)	≤ 4 kV
Nominal load current (I_L)	40 A
Response time (t_A)	≤ 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 () (min.)	6 mm²
Cross-sectional area () (max.)	16 mm² solid / 25 mm² fine-stranded
Cross-sectional area for MC4 connector (DC+, DC-) (min.)	2.5 mm² fine-stranded
Cross-sectional area for MC4 connector (DC+, DC-) (max.)	10 mm² 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
Enclosure colour	grey
Number of cable entries	6x original MC4 plug (PV-ADS4-EVO 2A), 6x original MC4 socket (PV-ADB4-EVO 2A) 2x M20
Enclosure dimensions (B x H x D)	130 x 94 x 81 mm

Masterdata	
Net weight	2.24 kg/pc(s)
GTIN	4013364534742
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85372091

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.