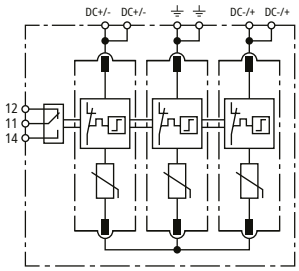
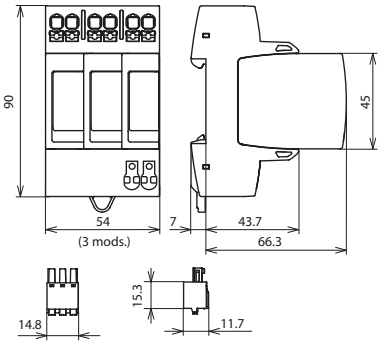
DCU 2 YPV 1100 1M 1S MC4 FM (900 911)





Basic circuit diagram



Dimension drawing

Generator junction box for PV systems of up to 1,100 V DC for protecting one MPP input and one string.

NEW

Type	DCU 2 YPV 1100 1M 1S MC4 FM
Part No.	**900 911**
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 +60°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	indoor installation
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	2x original MC4 plug (PV-ADS4-EVO 2A), 2x original MC4 socket (PV-ADB4-EVO 2A) 2x M20
Type of remote signalling contact	Changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm² solid / fine-stranded

Masterdata	
Net weight	1027 g/pc(s)
GTIN	4013364529182
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.