

DCU 2 YPV 1+2 1200 2M 2S MC4 (900 987)

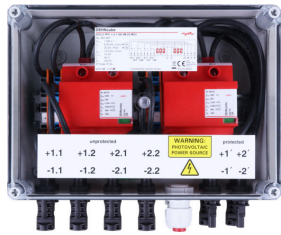
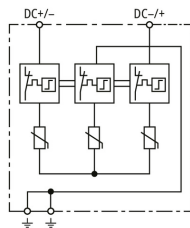
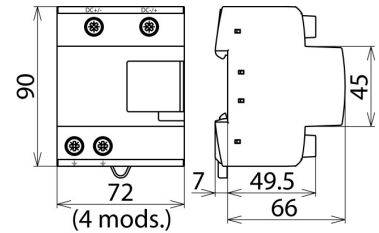


Figure without obligation



Basic circuit diagram DCU 2 YPV 1+2 1200 2M 2S MC4



Dimension drawing DCU 2 YPV 1+2 1200 2M 2S MC4

Generator junction box for PV systems of up to 1200 V DC for protecting two MPP inputs and two strings each.

Type	DCU 2 YPV 1+2 1200 2M 2S MC4	
Part No.	900 987	
SPD according to EN 61643-31 / IEC 61643-31	type 1 + type 2 / class I + class II	
Max. PV voltage [DC+ -> DC-] (U_{CPV})	1200 V	
Max. PV voltage [DC+/DC- -> PE] (U_{CPV})	1200 V	
Short-circuit current rating (I_{SCPV})	10 kA	
Total discharge current (10/350 μ s) [DC+/DC- -> PE] (I_{total})	12.5 kA	
Total discharge current (8/20 μ s) [DC+/DC- -> PE] (I_{total})	40 kA	
Nominal discharge current (8/20 μ s) (I_n)	20 kA	
Max. discharge current (8/20 μ s) (I_{max})	40 kA	
Lightning impulse current (10/350 μ s) [DC+ -> PE/DC- -> PE] (I_{imp})	6.25 kA	
Voltage protection level (U_P)	< 3.8 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 ($\frac{\pm}{\pm}$) (min.)	2x 10 mm ² / 1x 16 mm ²	
cross-sectional area ($\frac{\pm}{\pm}$) (max.)	35 mm ² stranded / 25 mm ² fine-stranded	
Cross-sectional area for MC4 connector (DC+, DC-) (min.)	2.5 mm ² fine-stranded	
Cross-sectional area for MC4 connector (DC+, DC-) (max.)	10 mm ² 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	
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	2,36 kg	
Customs tariff number (Comb. Nomenclature EU)	85372091	
GTIN	4013364534735	
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.