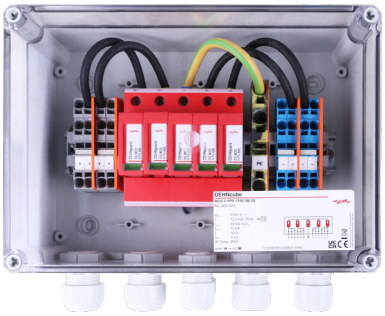
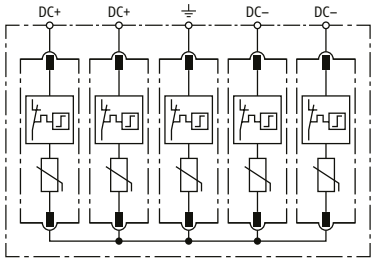
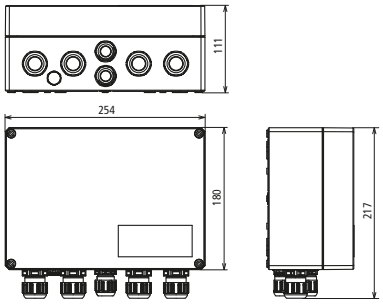
DCU 2 YPV 1100 2M 2S (900 923)





Basic circuit diagram



Dimension drawing

Generator junction box for PV systems of up to 1100 V DC for protecting two MPP inputs and two strings each.
With surge protection and push-in terminals for the input and output.

Type	**DCU 2 YPV 1100 2M 2S**
Part No.	**900 923**
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 (DC+, DC-) (min.)	2.5 mm² fine-stranded
Cross-sectional area (DC+, DC-) (max.)	6 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	4x 3-fold cable gland 2x M20
Enclosure dimensions (B x H x D)	130 x 94 x 81 mm

Masterdata	
Net weight	1.74 kg/pc(s)
GTIN	4013364492400
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.

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component