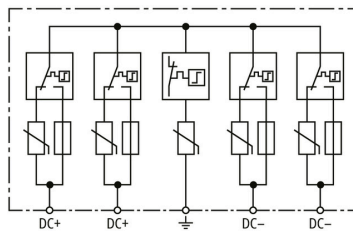


DCU YPV SCI 1000 2M (900 920)

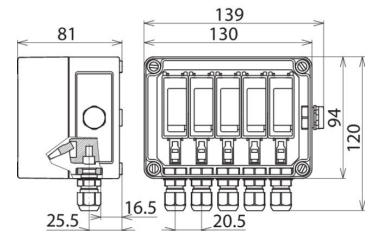
- Prewired multipole surge arrester with IP 65 degree of protection for photovoltaic systems
- Combined disconnection and short-circuiting device with safe electrical isolation in each protective circuit (patented SCI principle)
- Easy and fast implementation of surge protection measures since no space is required in a separate insulating enclosure



Figure without obligation



Basic circuit diagram DCU YPV SCI 1000 2M



Dimension drawing DCU YPV SCI 1000 2M

Four-pole surge arrester with IP 65 degree of protection and three-step d.c. switching device for PV inverters for protecting two MPP inputs.

Type	DCU YPV SCI 1000 2M
Part No.	900 920
SPD according to EN 61643-31 / IEC 61643-31	type 2 / class II
SPD according to EN 50539-11	type 2
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Max. PV voltage (U_{CPV})	1000 V
Short-circuit current rating (I_{SCP})	1 kA
Total discharge current (8/20 μ s) (I_{total})	40 kA
Nominal discharge current (8/20 μ s) [(DC+/DC-) --> PE] (I_n)	12.5 kA
Max. discharge current (8/20 μ s) [(DC+/DC-) --> PE] (I_{max})	25 kA
Voltage protection level (U_P)	≤ 4 kV
Voltage protection level at 5 kA (U_P)	≤ 3.5 kV
Response time (t_A)	≤ 25 ns
Operating temperature range (T_U)	-35 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	2.5 mm ² solid / flexible
Cross-sectional area (max.)	6 mm ² solid / flexible
Place of installation	outdoor
Degree of protection	IP 65
Type	with pressure compensating element
Cover	transparent cover with product label
Colour of enclosure	grey
Number of cable entries	5x \varnothing 3-7 mm
Enclosure dimensions (W x H x D)	130 x 94 x 81 mm
Approvals	KEMA
Weight	617 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364155053
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.