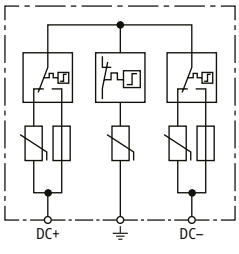
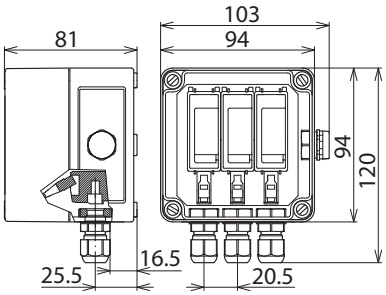
DCU YPV SCI 1000 1M (900 910)

- 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





Basic circuit diagram



Dimension drawing

Two-pole surge arrester with IP65 degree of protection and three-step d.c. switching device for PV inverters for protecting one MPP input.

Type	DCU YPV SCI 1000 1M
Part No.	**900 910**
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 withstand capability (I_{SCPV})	1 kA
Total discharge current (8/20 µs) (I_{total})	40 kA
Nominal discharge current (8/20 µs) [(DC+/DC-) --> PE] (I_n)	12.5 kA
Max. discharge current (8/20 µs) [(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 mm² solid / flexible
Cross-sectional area (max.)	6 mm² solid / flexible
Place of installation	outdoor
Degree of protection	IP 65
Type	with pressure compensating element
Cover	transparent cover with product label
Enclosure colour	grey
Number of cable entries	3x Ø3-7 mm
Enclosure dimensions (B x H x D)	94 x 94 x 81 mm
Approvals	KEMA

Masterdata	
Net weight	426 g/pc(s)
GTIN	4013364155046
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363030

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.