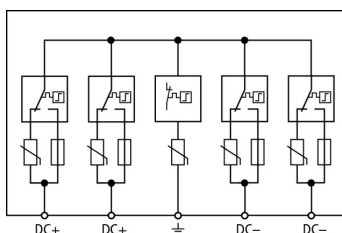


DCU YPV SCI 1000 2M (900 920)

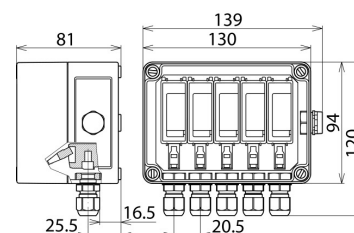
- Prewired multipole surge arrester with IP 65 degree of protection for photovoltaic systems
- Combined disconnection and short-circuiting device with safe electrical isolation in each protective path (patented SCI principle)
- Easy and fast implementation of surge protection measures since no space 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 50539-11 | type 2 |
| Energy coordination with terminal equipment (≤ 10 m) | type 2 + type 3 |
| Max. PV voltage (U_{OPV}) | 1000 V |
| Short-circuit withstand capability (I_{SCPV}) | 1000 A |
| 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.