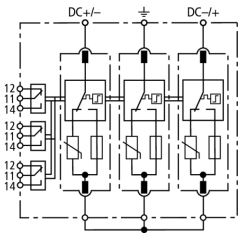
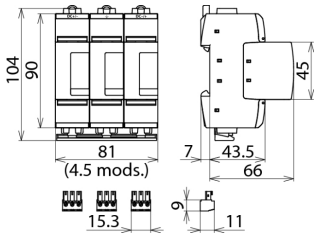
DG ME YPV SCI1500 FM (952 525)

- Prewired modular complete unit for use in photovoltaic systems consisting of a base part and plug-in protection modules
- Combined disconnection and short-circuiting device with safe electrical isolation in the protection module (patented SCI principle)
- Tried and tested fault-resistant Y circuit

Figure without obligation



Basic circuit diagram DG ME YPV SCI1500 FM



Dimension drawing DG ME YPV SCI1500 FM

Modular multipole surge arrester with three-step d.c. switching device for PV systems with remote signalling contact for monitoring device (floating changeover contact).

Type Part No.	DG ME YPV SCI1500 FM 952 525
SPD according to EN 50539-11	type 2
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Max. PV voltage (U_{CPV})	1500 V
Short-circuit current rating (I_{SCPV})	10 kA
Total discharge current (8/20 µs) (I_{total})	25 kA
Nominal discharge current (8/20 µs) [(DC+/DC-) --> PE] (I_n)	12.5 kA
Voltage protection level (U_P)	≤ 6 kV
Response time (t_A)	≤ 25 ns
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm² solid / flexible
Cross-sectional area (max.)	35 mm^2 stranded / 25 mm^2 flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	4.5 module(s), DIN 43880
Approvals	KEMA, UL
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A, 125 V / 0.2 A, 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm² solid / flexible
Weight	521 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364149076
PU	1 pc(s)

✔, : Tested NEW: New : Discontinued Model