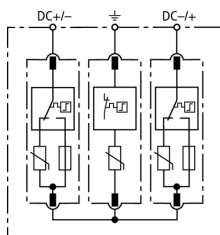


## DG M YPV SCI 600 (952 511)

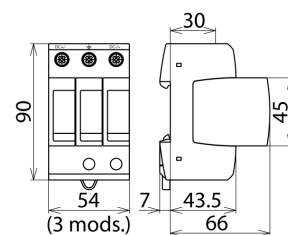
- Prewired modular complete unit for use in photovoltaic systems consisting of a base part and plug-in protection modules
- Combined disconnection and short-circuiting device with safe electrical isolation in the protection module prevents fire damage caused by d.c. switching arcs (patented SCI principle)
- Safe replacement of protection modules without arc formation due to integrated d.c. fuses



Figure without obligation



Basic circuit diagram DG M YPV SCI 600



Dimension drawing DG M YPV SCI 600

Modular multipole surge arrester with three-step d.c. switching device for use in PV systems.

Type	DG M YPV SCI 600
Part No.	952 511
SPD according to EN 50539-11	type 2
Max. PV voltage ( $U_{CPV}$ )	$\leq 600$ V
Short-circuit current rating ( $I_{SCPV}$ )	1000 A
Total discharge current (8/20 $\mu$ s) ( $I_{total}$ )	40 kA
Nominal discharge current (8/20 $\mu$ s) [(DC+/DC-) $\rightarrow$ PE] ( $I_n$ )	12.5 kA
Max. discharge current (8/20 $\mu$ s) [(DC+/DC-) $\rightarrow$ PE] ( $I_{max}$ )	25 kA
Voltage protection level ( $U_P$ )	$\leq 2.5$ kV
Voltage protection level at 5 kA ( $U_P$ )	$\leq 2$ kV
Response time ( $t_A$ )	$\leq 25$ 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 mm <sup>2</sup> solid / flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> 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	3 module(s), DIN 43880
Approvals	KEMA, UL, CSA
Weight	291 g
Customs tariff number	85363030
GTIN	4013364127494
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.