

DG M YPV 1500 FM (952 567)

- High discharge capacity due to powerful zinc oxide varistors
- Modular prewired complete unit for use in photovoltaic systems consisting of a base part and plug-in protection modules
- Tried and tested fault-resistant Y circuit

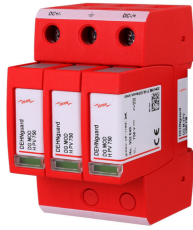
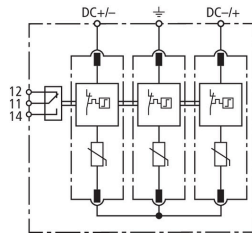
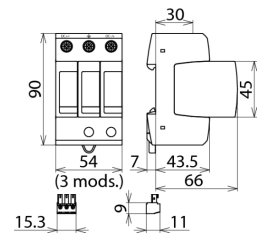


Figure without obligation



Basic circuit diagram DG M YPV 1500 FM



Dimension drawing DG M YPV 1500 FM

Multipole modular surge arrester for use in PV systems; with remote signalling contact for monitoring unit (floating changeover contact).

Type	DG M YPV 1500 FM	
Part No.	952 567	
SPD according to EN 61643-31 / IEC 61643-31	type 2 / class II	
Max. PV voltage (U_{CPV})	1500 V	
Short-circuit current rating (I_{SCPV})	10 kA	
Total discharge current (8/20 μ s) (I_{total})	40 kA	
Nominal discharge current (8/20 μ s) [(DC+/DC-) --> PE] (I_n)	15 kA	
Max. discharge current (8/20 μ s) [(DC+/DC-) --> PE] (I_{max})	40 kA	
Voltage protection level (U_P)	≤ 5 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 mm ² 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	3 module(s), DIN 43880	
Approvals	UL, KEMA	
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 mm ² solid / flexible	
Extended technical data:	-----	
- Use in DC battery storage systems up to I_{SCCR}	≤ 100 kA ($t \leq 5.83$ ms)	
- Backup fuse for DC battery storage systems up to I_{SCCR}	Bussman HLS 2000Vdc / 200 A 2+/A173 DST aR, manufacturer's Part No.: 170M2040	
- Backup fuse for DC battery storage systems up to I_{SCCR}	Mersen Protistor D122SD20C200QF 200A 2000V DC aR	
Weight	350 g	
Customs tariff number (Comb. Nomenclature EU)	85354000	
GTIN	4013364327726	
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.