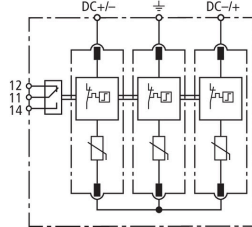


**DG M YPV 1200 FM (952 565)**

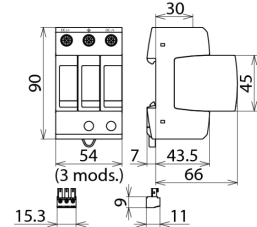
- Prewired, modular complete unit for photovoltaic systems, consisting of a base part and plug-in protection modules
- High device reliability due to "Thermo Dynamic Control" arrester monitoring
- Tried and tested fault-resistant Y circuit
- 
- - old



Figure without obligation



Basic circuit diagram DG M YPV 1200 FM - old



Dimension drawing DG M YPV 1200 FM - old

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

Type	DG M YPV 1200 FM
Part No.	952 565
SPD according to EN 61643-31 / IEC 61643-31	type 2 / class II
Max. PV voltage ( $U_{CPV}$ )	1170 V
Short-circuit current rating ( $I_{SCPV}$ )	10 kA
Total discharge current (8/20 $\mu$ s) ( $I_{total}$ )	40 kA
Nominal discharge current (8/20 $\mu$ s) [(DC+/DC-) --> PE] ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) [(DC+/DC-) --> PE] ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	$\leq 4$ 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	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 <sup>2</sup> solid / flexible
Extended technical data:	
- Use in DC battery storage systems up to $I_{SCCR}$	$\leq 100$ 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	322 g
Customs tariff number (Comb. Nomenclature EU)	85354000
GTIN	4013364327719
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.