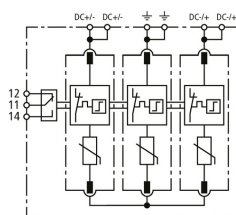


DG MP YPV 1200 FM (942 565)

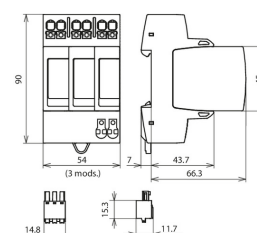
- Prewired, modular complete unit with push-in connection terminal for photovoltaic systems, consisting of a base part and plugged-in protection modules
- High device reliability due to "Thermo Dynamic Control" arrester monitoring
- Tried and tested fault-resistant Y circuit



Figure without obligation



Basic circuit diagram DG MP YPV 1200 FM



Dimension drawing DG MP YPV 1200 FM

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

Type	DG MP YPV 1200 FM
Part No.	942 565 NEW
SPD according to EN 61643-31 / IEC 61643-31	type 2 / class II
Max. PV voltage (U_{OPV})	1170 V
Short-circuit current rating (I_{SCP})	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)	20 kA
Max. discharge current (8/20 μ s) [(DC+/DC-) --> PE] (I_{max})	40 kA
Voltage protection level (U_P)	≤ 4 kV
Nominal load current (d.c.) (I_L)	40 A
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
Cross-sectional area (min.)	6 mm ² fine stranded
Cross-sectional area (max.)	10 mm ² solid / fine stranded
Cross-sectional area (min.) with wire end ferrule	1.5 mm ²
Cross-sectional area (max.) with wire end ferrule	6 mm ²
Cross-sectional area (max.) with wire end ferrule without collar	10 mm ²
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	-
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
Weight	299 g
Customs tariff number (Comb. Nomenclature EU)	85354000
GTIN	4013364495685
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.