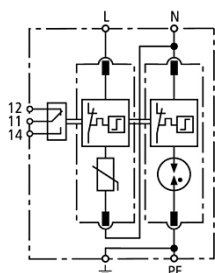
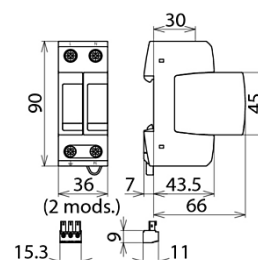


DG M TT 2P 385 FM

- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors / spark gaps
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Basic circuit diagram



Dimension drawing

Modular surge arrester for single-phase TT and TN systems ("1+1" circuit); with floating remote signalling contact.

Type	DG M TT 2P 385 FM
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Nominal voltage (a.c.) (UN)	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N / N-PE] (Uc)	385 / 255 V
Nominal discharge current (8/20 µs) (In)	20 kA
Max. discharge current (8/20 µs) (Imax)	40 kA
Lightning impulse current (10/350 µs) [N-PE] (Iimp)	12 kA
Voltage protection level [L-N / N-PE / L-PE] (Up)	≤ 1.75 / ≤ 1.5 kV / 2.0 kV
Voltage protection level [L-N / [N-PE] at 5 kA (Up)	≤ 1.35 / ≤ 1.5 kV
Follow current extinguishing capability [N-PE] (Ifi)	100 Arms
Response time [L-N / N-PE] (tA)	≤ 25 / ≤ 100 ns
Short-circuit withstand capability for max. mains-side overcurrent protection (ISCCR)	25 kArms
Temporary overvoltage (TOV) [L-N] / [N-PE]	[335 / 5 sec.] / [1200 / 200 ms]
Operating temperature range (Tu)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Cross-sectional area (min.)	1.5 mm ² solid / flexible
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² flexible
Place of installation	indoor installation
Degree of protection	IP 20
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Weight	236 g

CERTIFICATE 9001:2015

