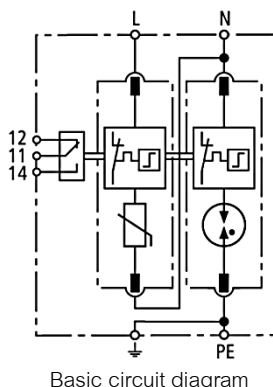
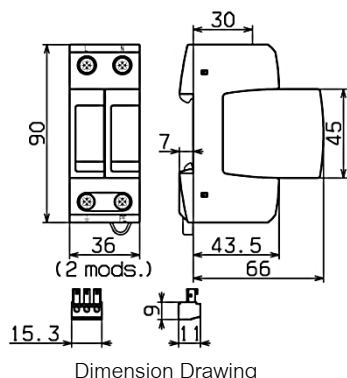


POWER SUPPLY SYSTEM

SPD – TYPE 2

S-DG M TT 2P 275



DG M TT 2P ... (FM): Modular surge arrester for use in single-phase 230 V TT and TN systems ("1+1" circuit)

- Complete prewired unit for use in single-phase 230 V TT and TN systems, consisting of a base part and plug-in protection modules.
- Energy coordination within the Red/Line product family
- High discharge capacity due to powerful zinc oxide varistors / spark gaps.
- High reliability due to "Thermo Dynamic Control" SPD monitoring device
- Operating state/fault indication of every protective circuit
- Multifunctional terminals for connecting conductors and busbars
- Easy replacement of protection modules without tools by module locking system with release button

Model	S-DG M TT 2P 275
Type of SPD according to EN 61643-11	Type 2 / Class II
Nominal a.c. voltage U_n	230 V
Max. continuous operating a.c. voltage (L-N) U_C	275 V
Max. continuous operating a.c. voltage (N-PE) U_C	255 V
Nominal discharge current (8/20 μ s) I_n	20 kA
Max. discharge current (8/20 μ s) I_{max}	40 kA
Lightning impulse current (10/350 μ s) (N-PE) I_{imp}	12 kA
Voltage protection level (L-N) U_p	≤ 1.25 kV
Voltage protection level for 5 kA (L-N) U_p	≤ 1 kV
Voltage protection level (N-PE) U_p	≤ 1.5 kV
Follow current extinguishing capability (N-PE) I_{fi}	100 Arms
Max. mains-side overcurrent protection	125 A gL/gG
Short circuit withstand capability for mains-side overcurrent protection with 25 A gL/gG	50 kArms
Temporary overvoltage (TOV) U_T	335 V / 5 sec.
Operating temperature range T_U	-40°C...+80°C
Operating state/fault indication	green / red