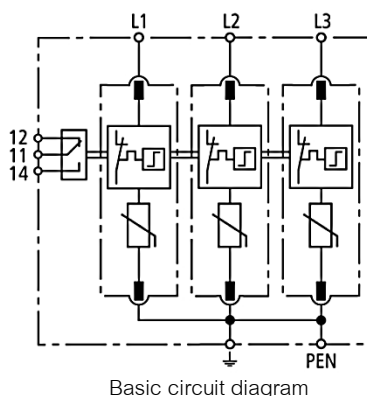
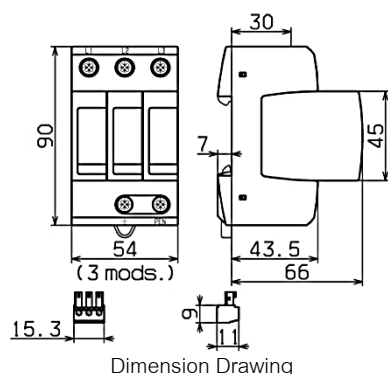


# POWER SUPPLY SYSTEM

# SPD – TYPE 2

## S-DG M TNC 275



DG M TNC ... (FM): Modular surge arrester for use in TN-C systems

- Complete prewired unit for use in TNS 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
- 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
- Tested for vibration- and shock-proofness acc. to EN 60068-2

Model	S-DG M TNC 275
Type of SPD according to EN 61643-11	Type 2 / Class II
Nominal a.c. voltage $U_n$	230 / 400 V
Max. continuous operating a.c. voltage $U_C$	275 V
Nominal discharge current (8/20 $\mu$ s) $I_n$	20 kA
Max. discharge current (8/20 $\mu$ s) $I_{max}$	40 kA
Voltage protection level $U_p$	$\leq 1.25$ kV
Voltage protection level for 5 kA $U_p$	$\leq 1$ kV
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
Degree of protection	IP 20
Approvals, Certifications	KEMA, VDE, UL, VdS

