

SLP-275-VB/1S

SPD - for low voltage / SPD type 2 / Combination type

Combined type surge arrester for TN and TT systems or signal lines
pluggable module, visual fault signalling, remote fault signalling

- combined type surge arrester (serial combination varistor+GDT)
- installation to LV installations, especially to sub-distribution boards, suitable also for measuring circuits
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike in areas with higher storm activity or switching overvoltages or as the first stage of protection for measuring circuits
- zero leakage current



Product dimensions

Basic circuit diagram

Parameter name	Parameter value
Type of SPD	T2
Mounting	DIN rail 35 mm
Nominal voltage	U_n 230 V AC
Maximum operating voltage	U_c 275.00 V AC
Maximum operating voltage	U_c 220.00 V DC
Type of network	TT TN
Maximum overcurrent protection	125 A gL/gG
Short-circuit current rating	I_{SCCR} 50.0 kA
Residual current	I_{PE} 0.002 mA
Nominal discharge current (8/20 μ s)	I_n 20.00 kA
Maximum discharge current (8/20 μ s)	I_{max} 40.00 kA
Voltage protection level	U_p 1.50 kV
Response time	t_a 100 ns

TOV 5 s L-N	335 V
TOV characteristic (TOV 5 s)	withstand
TOV 120 min L-N	440 V
TOV characteristic (120 min)	withstand
Cross-section of connected conductors solid (min)	1.00 mm²
Cross-section of connected conductors solid (max)	35.00 mm²
Cross-section of connected conductors stranded (min)	1.00 mm²
Cross-section of connected conductors stranded (max)	25.00 mm²
Cross-section of remote indication conductors solid (max)	1.5 mm²
Cross-section of remote indication conductors stranded (max)	1.5 mm²
Fault indication	red indication field
Remote indication	potential-free change-over contact
Remote indication contacts	250V/0,5A AC,250V/0,1A DC
Degree of protection	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
Humidity	5 - 95 %
According to standard	EN 61643-11:2012, IEC 61643-11:2011
ETIM Class	EC000941
Plug module	SLP-275-VB/0
Customs tariff number	85363030
EAN	8595090570561
Order number	A07056