SLP-275 VB/1

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

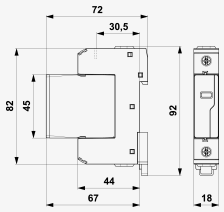
Combined type surge arrester for TN and TT systems or signal lines

pluggable module, visual fault signalling

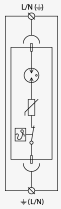
- combined type surge arrester (serial combination varistor+GDT)
- installation to LV installations, especially to sub-distribution boards, suitable also for measuring circuits
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike in areas with higher storm activity or switching overvoltages or as the first stage of for 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	230.00 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 µs)	I_n	20.00 kA
Maximum discharge current (8/20 µs)	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 mm^2
Cross-section of connected conductors solid (max)	35.00 mm^2
Cross-section of connected conductors stranded (min)	1.00 mm^2
Cross-section of connected conductors stranded (max)	25.00 mm^2
Fault indication	red indication field
Remote indication	no
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	8595090570554
Order number	A07055