

SLP-600-V/3YS-IT

SPD - for low voltage / SPD type 2 / MOV

Varistor surge arrester

pluggable module, visual fault signalling, module locking

- three-pole varistor surge arrester
- installation to LV installations, especially to sub-distribution boards in IT systems
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages
- remote fault signalling



Product dimensions

Basic circuit diagram

Parameter name	Parameter value
Type of SPD	T2
Mounting	DIN rail 35 mm
Nominal voltage	U_n 400,00–690,00 V AC
Maximum operating voltage	U_c 760.00 V AC
Type of network	IT
Maximum overcurrent protection	100 A gL/gG
Short-circuit current rating	I_{SCCR} 25.0 kA
Residual current	I_{PE} 0.200 mA
Nominal discharge current (8/20 μ s) L-PE	20.00 kA
Maximum discharge current (8/20 μ s) L-PE	40.00 kA
Total discharge current (8/20 μ s)	$I_{Total(8/20)}$ 60.00 kA
Voltage protection level mode L-PE	U_p 3.40 kV
Voltage protection level at 5 kA L-PE	2.50 kV
Response time	t_a 100 ns
TOV 200 ms L-PE	1 960 V

TOV characteristic (TOV 200 ms)	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-600 V/0
Customs tariff number	85363090
EAN	8595090541998
Order number	A04199