CLSA-48

SPD - for data, signalling and telecommunications lines / ICT / for LSA-PLUS strips (CLSA)

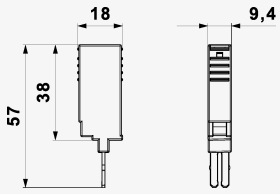
Surge protection for 2-core signal line

for LSA-PLUS separating strips

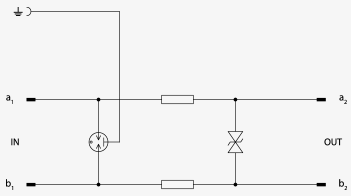
- combination of coarse and fine protection of data and I&C lines
- installation close to protected equipment
- for protection of communication interfaces and measuring lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage
- coarse and fine surge protection in differential mode (core – core) and coarse protection in common mode (core – PE)



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		C2,C3
Location of SPD		ST 2+3
Mounting		LSA disconnection rail
Maximum operating voltage	U_c	36.00 V AC
Maximum operating voltage	U_c	51.00 V DC
Nominal load current	I_L	0.500 A
Serial resistance per core	R	1.60 Ω
C2 nominal discharge current (8/20 µs) per core	I_n	5.00 kA
C2 total discharge current (8/20 µs) cores-PE	I_{Total}	10.00 kA
C2 voltage protection level mode core-PE at In	U_p	400.00 V

C3 voltage protection level mode core-PE at 1 kV/µs	U_p	350.00 V
C3 voltage protection level mode core-core at 1 kV/µs	U_p	65.00 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns
Connection (input - output)		LSA disconnection rail
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-40 / 70 °C
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class		EC001625
Accessories		grounding rail
Customs tariff number		85363010
EAN		8595090551720
Order number		A05172