BD-090-T-V/2-F16

SPD - for data, signalling and telecommunications lines / I&C / ST1 (BD) - plugable

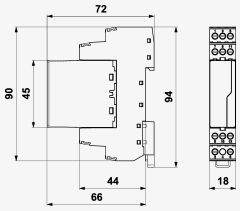
Lightning current arrester for two 2-core telecommunication and signalling lines

pluggable module, line separated from protective earth via GDT

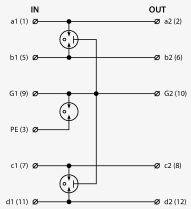
- lightning current arrester of two 2/3-core signalling lines
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection signalling, data and other lines against surge voltage



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		D1,C2
Location of SPD		ST 1
Mounting		DIN rail 35 mm
Maximum operating voltage	U_c	50.00 V AC
Maximum operating voltage	U_c	70.00 V DC
Nominal load current	I_L	16.000 A
Treshold frequency core-core	f	120.00 MHz
D1 impulse discharge current (10/350 µs) per core	I_{imp}	2.50 kA
D1 total discharge current (10/350 µs) cores-PE	I_{Total}	5.00 kA
C2 nominal discharge current (8/20 µs) GND-PE	I_n	10.00 kA
C2 nominal discharge current (8/20 µs) per core	I_n	10.00 kA
C2 total discharge current (8/20 µs) cores-PE	I_{Total}	20.00 kA
C3 voltage protection level mode GND-PE at 1 kV/µs	U_p	550.00 V
C3 voltage protection level mode core-GND at 1 kV/µs	U_p	550.00 V

C3 voltage protection level mode core-core at 1 kV/µs	U_p	550.00 V
Response time core-core	t_a	100 ns
Response time core-GND	t_a	100 ns
Response time GND-PE	t_a	100 ns
Connection (input - output)		terminals-terminals
Cross-section of connected conductors solid (min)		0.14 mm^2
Cross-section of connected conductors solid (max)		4.00 mm^2
Cross-section of connected conductors stranded (min)		0.14 mm^2
Cross-section of connected conductors stranded (max)		2.50 mm^2
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		EC001466
Plug module		BD-090-T-V/2-0
Customs tariff number		85363010
EAN		8595090555544
Order number		A05554