

BD-090-T-V/2-16

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

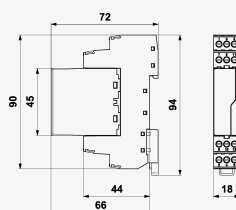
Lightning current arrester for two 2-core telecommunication and signalling lines

pluggable module

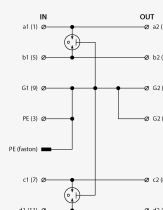
- lightning current arrester of two 2-core signalling lines
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- mainly for protection of telecommunication lines against surge voltage



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
Threshold frequency core-core	f 120.00 MHz
D1 impulse discharge current (10/350 μ s) per core	I_{imp} 2.50 kA
D1 total discharge current (10/350 μ s) cores-PE	I_{Total} 5.00 kA
C2 nominal discharge current (8/20 μ s) per core	I_n 10.00 kA
C2 total discharge current (8/20 μ s) cores-PE	I_{Total} 20.00 kA
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p 550.00 V
C3 voltage protection level mode core-core at 1 kV/ μ s	U_p 550.00 V
Response time core-core	t_a 100 ns
Response time core-PE	t_a 100 ns

Connection (input - output)	terminals-terminals
Cross-section of connected conductors solid (min)	0.14 mm²
Cross-section of connected conductors solid (max)	4.00 mm²
Cross-section of connected conductors stranded (min)	0.14 mm²
Cross-section of connected conductors stranded (max)	2.50 mm²
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	85363030
EAN	8595090555506
Order number	A05550