

# BD-250-T-V/2-16

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

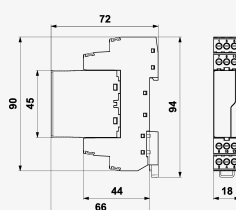
Lightning current arrester for two 2-core telecommunication and signalling lines

pluggable module

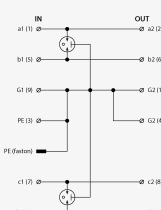
- lightning current arrester of two 2-core signalling lines
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- mainly for protection of telecommunication lines against surge voltage



### 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	$U_c$ 128.00 V AC
Maximum operating voltage	$U_c$ 180.00 V DC
Nominal load current	$I_L$ 16.000 A
Threshold frequency core-core	$f$ 120.00 MHz
D1 impulse discharge current (10/350 $\mu$ s) per core	$I_{imp}$ 2.50 kA
D1 total discharge current (10/350 $\mu$ s) cores-PE	$I_{Total}$ 5.00 kA
C2 nominal discharge current (8/20 $\mu$ s) per core	$I_n$ 10.00 kA
C2 total discharge current (8/20 $\mu$ s) cores-PE	$I_{Total}$ 20.00 kA
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 mm <sup>2</sup>

Cross-section of connected conductors solid (max)	4.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)	0.14 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)	2.50 mm <sup>2</sup>
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-250-T-V/2-0
Customs tariff number	85363030
EAN	8595090555513
Order number	A05551

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