

DS-B090-RB

SPD - for data, signalling and telecommunications lines / I&C / Single stage SPD (DS)

Coarse single stage surge arrester – Gas Discharge Tube

B – Gas Discharge Tube, screwless terminal

- coarse single stage surge arrester
- for protection of signaling, data and other lines against impact of surge voltage
- usable mainly for the separation of shielding from the protective earth



Product dimensions

Basic circuit diagram

Parameter name	Parameter value
Type of SPD	C2
Location of SPD	ST 2
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 10.000 A
C2 nominal discharge current (8/20 μ s) per core	I_n 10.00 kA
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p 550.00 V
Response time core-PE	t_a 100 ns
Connection (input - output)	screwless terminals/screwless terminals
Cross-section of connected conductors solid (min)	0.08 mm²
Cross-section of connected conductors solid (max)	4.00 mm²
Cross-section of connected conductors stranded (min)	0.08 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	EC000943
Customs tariff number	85363010
EAN	8595090560708
Order number	A06070

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