

DS-B090-RS

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, screw 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

*1 – šířka svorky bez vlnika
**1 – šířka svorky s vlnkem

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	16.000 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 V
Response time core-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

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	8595090551485
Order number	A05148

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