DS-B090-RS

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

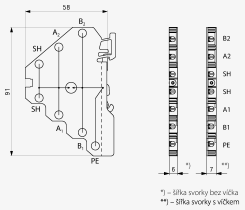
Coarse single stage surge arrester – Gas Discharge Tube

B – Gas Discharge Tube, screw terminal

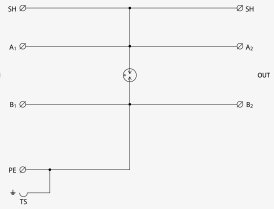
- coarse single stage surge arrester
- for protection of signaling, data and other lines against impact of surge voltage
- usable mainly for the separation of shielding from the protective earth



Product dimensions



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 µs) per core	I_n	10.00 kA
C3 voltage protection level mode core-PE at 1 kV/µs	U_p	550.00 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**