

# DS-D024-RS

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

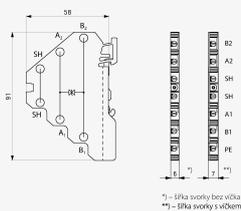
Fine single stage surge protection – fast Suppressor Diode

D – fast Suppressor Diode, screw terminals

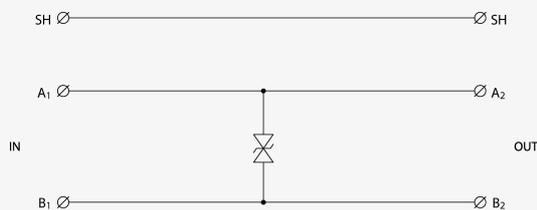
- fine single stage surge arrester
- installation close to protected equipment
- for protection of signaling, data and other lines against impact of surge voltage



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	C2
Location of SPD	ST 3
Mounting	DIN rail 35 mm
Maximum operating voltage	$U_C$ 20.60 V AC
Maximum operating voltage	$U_C$ 29.10 V DC
Nominal load current	$I_L$ 16.000 A
C2 nominal discharge current (8/20 $\mu$ s) per core	$I_n$ 0.30 kA
C2 voltage protection level mode core-PE at $I_n$	$U_p$ 48.00 V
Response time core-PE	$t_a$ 1 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>
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	8595090551539
Order number	A05153

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13.05.2026 -  
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