

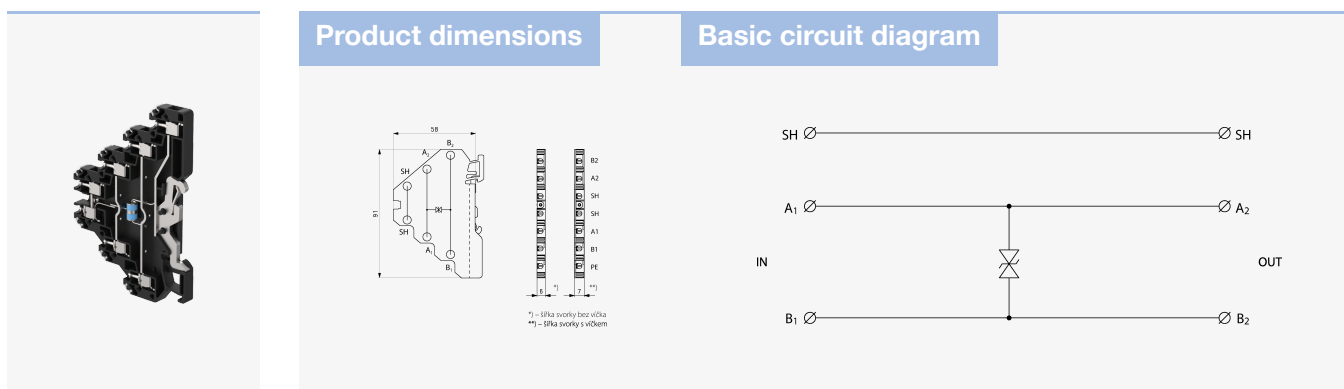
# DS-D024-RS

## 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



Parameter name		Parameter value
Type of SPD		<b>C2</b>
Location of SPD		<b>ST 3</b>
Mounting		<b>DIN rail 35 mm</b>
Maximum operating voltage	<b>U<sub>C</sub></b>	<b>20.60 V AC</b>
Maximum operating voltage	<b>U<sub>C</sub></b>	<b>29.10 V DC</b>
Nominal load current	<b>I<sub>L</sub></b>	<b>16.000 A</b>
C2 nominal discharge current (8/20 μs) per core	<b>I<sub>n</sub></b>	<b>0.30 kA</b>
C2 voltage protection level mode core-PE at I <sub>n</sub>	<b>U<sub>p</sub></b>	<b>48 V</b>
Response time core-PE	<b>t<sub>a</sub></b>	<b>1 ns</b>
Connection (input - output)		<b>terminals-terminals</b>
Cross-section of connected conductors solid (min)		<b>0.14 mm<sup>2</sup></b>
Cross-section of connected conductors solid (max)		<b>4.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (min)		<b>0.14 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)		<b>2.50 mm<sup>2</sup></b>
Range of ambient temperatures (min/max)		<b>-40 / 70 °C</b>

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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