

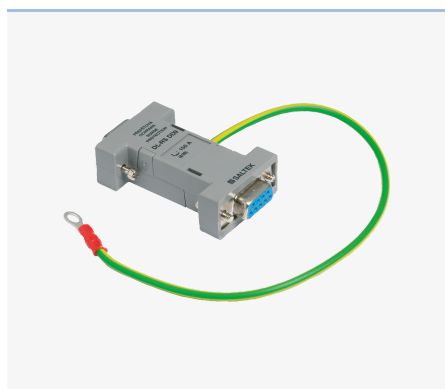
# DL-RS DD9

## SPD - for data, signalling and telecommunications lines / I&C / Others - with D-SUB connectors

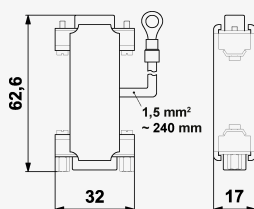
Surge protection for serial interfaces RS-232

DSUB 9 connectors

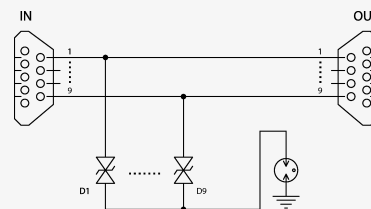
- fine protection
- for protection of serial ports of computers and control systems of I&C, electronic security and fire detection systems, etc. against impact of surge voltage



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	<b>C1,C3</b>
Location of SPD	<b>ST 3</b>
Maximum operating voltage	<b>U<sub>c</sub></b> <b>12.70 V AC</b>
Maximum operating voltage	<b>U<sub>c</sub></b> <b>18.00 V DC</b>
Treshold frequency core-core	<b>f</b> <b>55.00 MHz</b>
C1 nominal discharge current (8/20 μs) per core	<b>I<sub>n</sub></b> <b>150 A</b>
C1 voltage protection level mode core-core at I <sub>n</sub>	<b>U<sub>p</sub></b> <b>65 V</b>
C3 voltage protection level mode core-PE at 1 kV/μs	<b>U<sub>p</sub></b> <b>980 V</b>
C3 voltage protection level mode core-core at 1 kV/μs	<b>U<sub>p</sub></b> <b>50 V</b>
Response time core-core	<b>t<sub>a</sub></b> <b>1 ns</b>
Response time core-PE	<b>t<sub>a</sub></b> <b>100 ns</b>
Connection (input - output)	<b>female DSUB 9 - male DSUB 9</b>
Degree of protection	<b>IP 20</b>

Range of ambient temperatures (min/max)	-40 / 80 °C
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class	EC000943
Customs tariff number	85363010
EAN	8595090509684
Order number	A00968

SALTEK s.r.o., Drážďanská 561/85, 400 07 Ústí nad Labem, CZ | +420 475 655 511 | [info@saltek.cz](mailto:info@saltek.cz) | [www.saltek.eu](http://www.saltek.eu)  
Technická podpora: 800 818 818 | [podpora@saltek.cz](mailto:podpora@saltek.cz)

02.01.2025 -  
16:15:29