

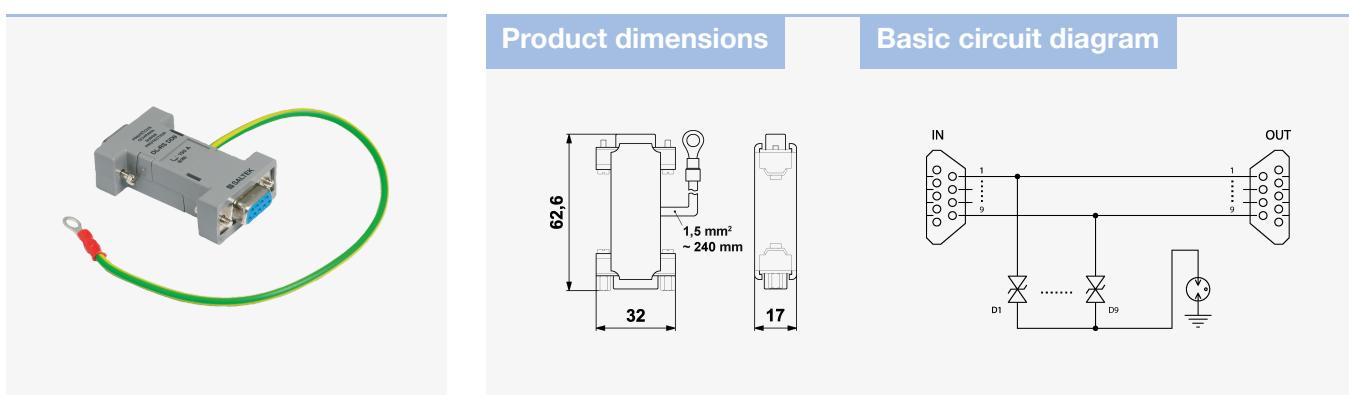
# DL-RS DD9

**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
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- 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



Parameter name	Parameter value	
Type of SPD	C1,C3	
Location of SPD	ST 3	
Maximum operating voltage	$U_c$	12.70 V AC
Maximum operating voltage	$U_c$	18.00 V DC
Threshold frequency core-core	$f$	55.00 MHz
C1 nominal discharge current (8/20 µs) per core	$I_n$	150 A
C1 voltage protection level mode core-core at In	$U_p$	65 V
C3 voltage protection level mode core-PE at 1 kV/µs	$U_p$	980 V
C3 voltage protection level mode core-core at 1 kV/µs	$U_p$	50 V
Response time core-core	$t_a$	1 ns
Response time core-PE	$t_a$	100 ns
Connection (input - output)	female DSUB 9 - male DSUB 9	
Degree of protection	IP 20	

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

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