

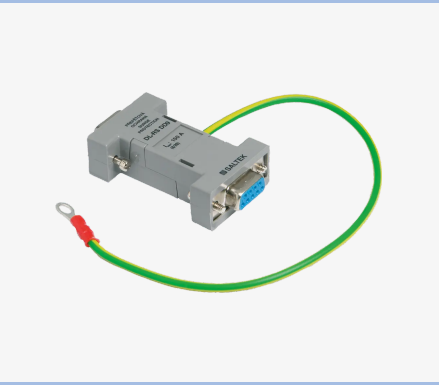
# DL-RS DD9

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

|                                         |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| Range of ambient temperatures (min/max) | <b>-40 / 80 °C</b>                                     |
| 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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