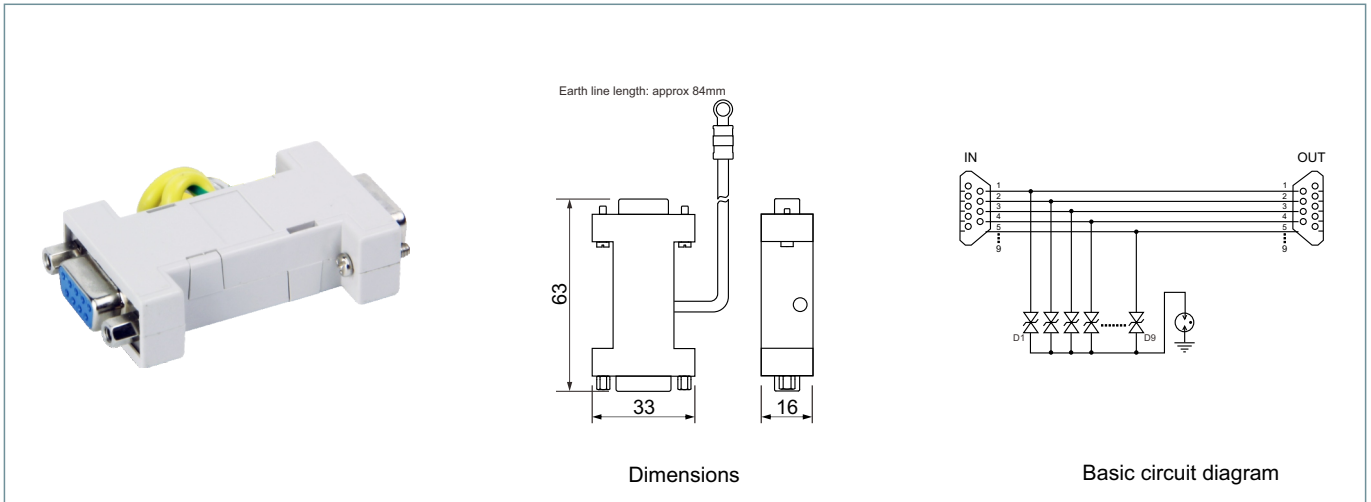


D9-12

Sub-D dataline surge protector, fine protection for serial ports of computers and control systems against impact of transient over-voltage

- For RS232, RS422, RS485 communication lines
- All pins protected
- Low voltage protection level
- Fast and easy installation



Type	D9-12	
SPD according to EN 61643-21 / IEC 61643-21	type 3 / class III	
Nominal voltage	U_n	12 V
Max. continuous operating d.c. voltage	U_c	15 V
C1 Nominal discharge current (8/20 μ s) line-SG	I_n	0,1 kA
C1 Nominal discharge current (8/20 μ s) SG-PG	I_n	0,1 kA
Voltage protection level line-SG for In C1	U_p	< 24 V
Voltage protection level SG-PG for In C1	U_p	< 200 V
Voltage protection level line-SG at 1 kV/ μ s C3	U_p	< 21 V
Voltage protection level SG-PG at 1 kV/ μ s C3	U_p	< 130 V
Cut-off frequency	f_G	10 MHz
Capacitance line-SG	C	700 pF
Capacitance SG-PG	C	350 pF
Range of operating temperatures	T_U	-40/+80°C
Degree of protection	IP 20	
For mounting on	female sub-D9 / male sub-D9	
Enclosure material	thermoplastic	
Place of installation	indoor installation	