

DB9-RS232**RS Serial Port Protectors**

Novaris RS Protectors provide protection for serial protocol systems in RS232 and RS485 applications. These units are housed in a headshell enclosure.

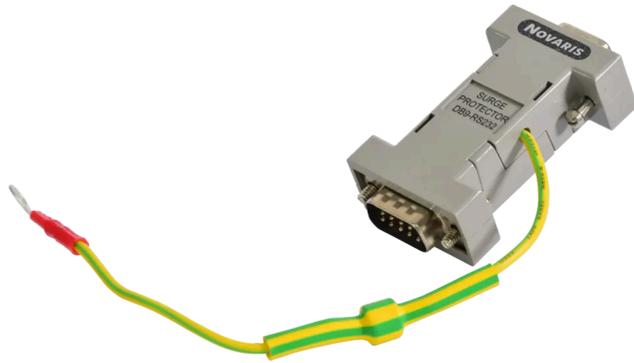
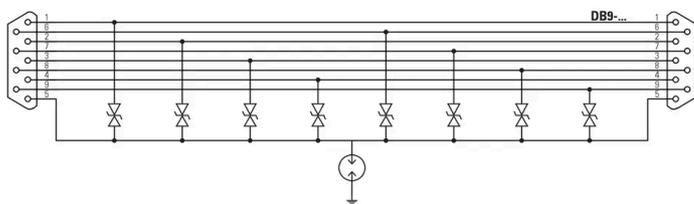
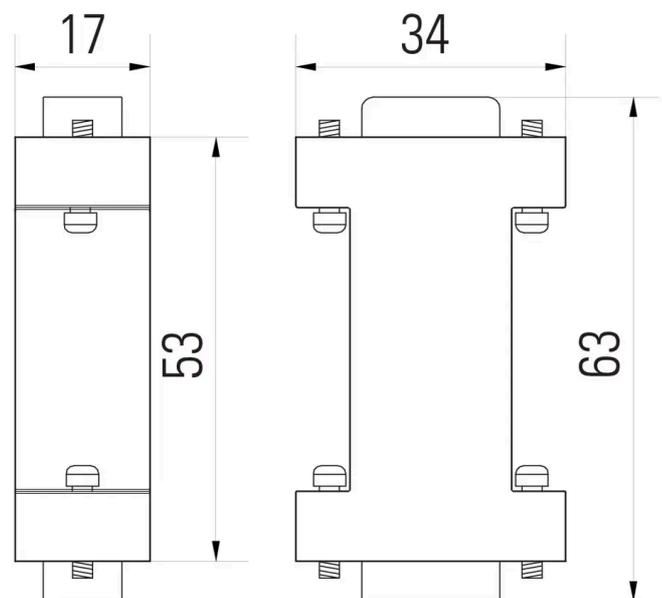


Image for illustrative purposes only

Wiring**Dimensions**

Product Datasheet

Electrical Specifications

Connection type		Series
Number of lines		8
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	U_c	36V
Maximum continuous voltage (AC)	U_c	25V
Maximum discharge current (8/20 μ s)	I_{max}	250A
Impulse durability C2 10x8/20 μ s		250A
Maximum load current	I_L	500mA
Line resistance		0.1 Ω
Earthing		90V isolation

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	45V
Capacitance		1pF

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ μ s	U_p	350V
Capacitance		1pF

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Free
Environmental rating		IP20
Enclosure material		Polyamide
Enclosure finish		Grey
Terminal type		DB9
Length		63mm
Width		34mm
Height		17mm

Standard Specifications

IEC 61643-21	SPD connected to telecommunications and signalling networks - Cat C2, D1
AS 1768	Signalling/Telecommunications surge protection
UL 1449 & UL 497B	Protectors for data, communications and fire-alarm circuits
ITU-T K.44	Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents

Shipping Specifications

Weight		70g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		DB9-RS232
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