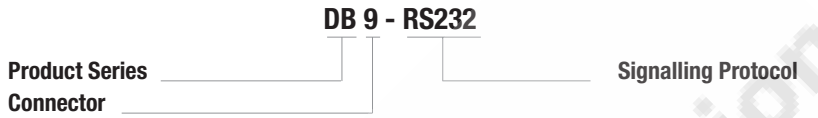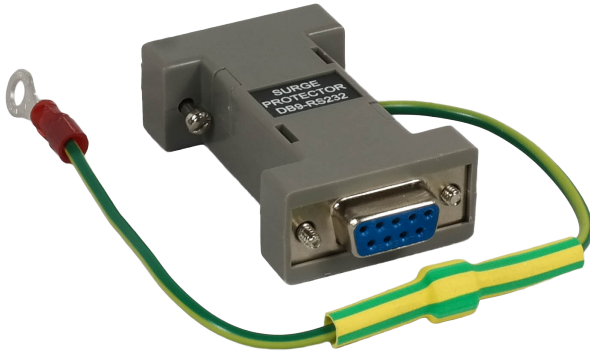## RS Serial Port Protectors

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

DB 9 - RS232

Product Series
Connector

Signalling Protocol

		DB9-RS232	DB25-RS232	DB9-RS485	DB25-RS485
Electrical Specifications					
Connection type		Series			
Modes of protection		Transverse and common			
Maximum continuous voltage	U_c	36V		8.2V	
Discharge current 8/20μs	I_{max}	250A			
Protection stages		SAD and GDT			
Number of lines		8			
Impulse voltage 10/700μs	U_p	40V		14V	
Signalling protocol		RS232		RS485	
Mechanical Specifications					
Operating temperature / humidity		-40 to +85ºC / 5 to 95% non-condensing			
Connection type		DB9	DB25	DB9	DB25
Connector orientation		M / F			
Environmental		IP 20			
Weight		70g			
Dimensions					
Width		34mm	56mm	34mm	56mm
Height		17mm			
Depth		63mm			

Refer to page 58 for signalling protocol compatibility

Standards Compliance
IEC61643-21
ITU-T K.44
AS/NZS 1768
IEEE C62.41
UL497B