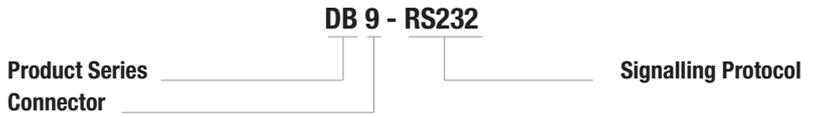## RS Serial Port Protectors

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			

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

Refer to page 58 for signalling protocol compatibility