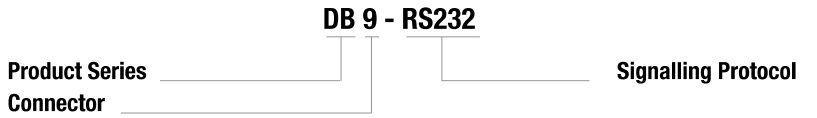## RS Serial Port Protectors

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 _____ Signalling Protocol
Connector _____

Electrical Specifications		DB9-RS232	DB25-RS232	DB9-RS485	DB25-RS485
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
BS 6651
CP 33
UL497B