

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 L - E	I _{max}	10kA	
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 +85°C / 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