



SL Slimline Signal Line Protectors

Novaris SL range of plug-in signal line protectors provide surge protection for most twisted pair signalling schemes. Ideal for the protection of PLCs, fire and security systems, telecommunications and telemetry systems, railway signalling, SCADA and other industrial monitoring and control equipment.

SL 485 - G

Product Series
Top

Base option

SL485-EC90

SL-DH

SL-RTD



Electrical Specifications

		SL485-EC90	SL-DH	SL-RTD
Connection type		Series		
Modes of protection		Transverse and common mode		
Maximum continuous voltage (DC)	U_0	8V	34V*	8V
Maximum continuous voltage (AC)	U_c	6V	24V*	6V
Discharge current 8/20 μ s	I_{max}	10kA		
Maximum load current	I_L	500mA		
Impulse voltage 1.2/50 μ s	U_p	15V	50V	15V
Line resistance		3.9 Ω		
3dB Frequency @ 50 Ω		20MHz		

Mechanical Specifications

Operating temperature / humidity	-20 to +40°C / 0 to 90% non-condensing
Terminal capacity	2.5mm ²
Terminal screw torque	0.5Nm
Environmental	IP 20
Mounting	TS35 DIN rail
Weight	35g

Dimensions

Width	7mm
Height	102mm
Depth	68mm

Base Options

Earth connected to DIN rail	-	G
Earth connected to DIN rail via GDT	Standard	EC90

Standards Compliance

ITU-T K.44
AS/NZS 1768
IEEE C62.41
BS 6651
CP 33
IEC 61643-21
UL497B

* Voltage variations available by request