



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.



		SL7v5	SL18	SL36	SL68	SL-PSTN	SL-iSwitch
Electrical Specifications							
Connection type		Series					
Modes of protection		Transverse and common mode					
Maximum continuous voltage (DC)	U_o	7V	16V	34V	65V	200V	200V
Maximum continuous voltage (AC)	U_c	5V	11V	24V	46V	140V	140V
Discharge current 8/20 μ s	I_{max}	10kA					
Maximum load current	I_L	350mA					180mA
Impulse voltage 1.2/50 μ s	U_p	8V	19V	40V	76V	235V	30V
Line resistance		8.2 Ω					17 Ω
3dB Frequency @ 50 Ω		250kHz				10MHz	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	EC90

Standards Compliance
ITU-T K.44
AS/NZS 1768
IEEE C62.41
BS 6651
CP 33
IEC 61643-21
UL497B
A-tick (PSTN & iSwitch)