

### 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 7v5 - G

Product Series  
Top

Base option



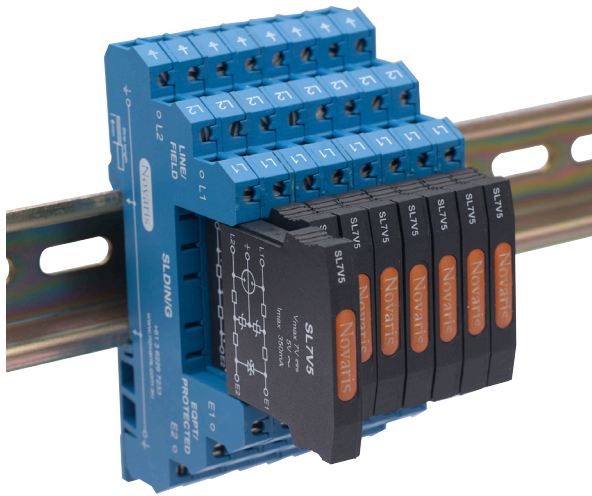
Electrical Specifications		SL7v5	SL18	SL36	SL68	SL-PTSN	SL-iSwitch
Connection type		Series					
Modes of protection		Transverse and common mode					
Maximum continuous voltage (DC)	$U_0$	7V	16V	34V	65V	200V	200V
Maximum continuous voltage (AC)	$U_c$	5V	11V	24V	46V	140V	140V
Discharge current 8/20 $\mu$ s	$I_{max}$	5kA					
Maximum load current	$I_L$	350mA					180mA
Impulse voltage 1.2/50 $\mu$ s	$U_p$	8V	19V	40V	76V	235V	30V
Line resistance		8.2 $\Omega$					17 $\Omega$
3dB Frequency @ 50 $\Omega$		250kHz				10MHz	20MHz

Mechanical Specifications	
Operating temperature / humidity	-20 to +40°C / 0 to 90% non-condensing
Terminal capacity	2.5mm <sup>2</sup>
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)



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SL 485 - EC90

Product Series \_\_\_\_\_ Base option  
Top \_\_\_\_\_

SL485-EC90

SL-DH

SL-RTD



#### Electrical Specifications

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 $\mu$ s	$I_{max}$	5kA		
Maximum load current	$I_L$	500mA		
Impulse voltage 1.2/50 $\mu$ s	$U_p$	15V	50V	15V
Line resistance		3.9 $\Omega$		
3dB Frequency @ 50 $\Omega$		20MHz		

#### Mechanical Specifications

Operating temperature / humidity	-20 to +40°C / 0 to 90% non-condensing			
Terminal capacity	2.5mm <sup>2</sup>			
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
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\* Voltage variations available by request