

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 - [*]

Product Series _____ Base option
 Top _____

		SL485-EC90	SL-DH	SL-RTD	SL-420
Electrical Specifications					
Connection type		Series			
Modes of protection		Transverse and common mode			
Maximum continuous voltage (DC)	U_c	8V	34V	8V	34V
Maximum continuous voltage (AC)	U_c	6V	24V	6V	-
Discharge current 8/20 μ s	I_{max}	10kA			
Maximum load current	I_L	250mA			30mA
Impulse voltage 1.2/50 μ s	U_p	15V	50V	15V	40V
Impulse durability		C2 8/20 μ s, 5kA, 10 times			
AC durability		1 A_{rms} , 1s, 5 times			-
Overstressed fault mode		Mode 3			
Line resistance		3.9 Ω			8.2 Ω
Insertion loss @ 150 Ω		0.2dB			1.5dB
3dB Frequency @ 50 Ω		20MHz			250kHz
Display		-			LED Status

Mechanical Specifications	
Operating temperature / humidity	-40 to +70°C / 5 to 95% non-condensing @ min current
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