

## SLD - Hardwired

Novaris hardwired high energy multistage transient protection for highly exposed circuits.



SLD 1 - [SIG] - [\*]

Product Series  
Pairs

Options  
Signal Type

	SLD1	SLD2	SLD4
<b>Electrical Specifications</b>			
Connection type	Series		
Modes of protection	Transverse and common modes		
Number of pairs	1	2	4
Maximum discharge current (8/20µs)	$I_{max}$	20kA	
Protection stages	Multistage		
<b>Mechanical Specifications</b>			
Operating temperature / humidity	-40 to +85°C / 5 to 95% non-condensing		
Connection type	2.5mm <sup>2</sup> pluggable		
Environmental	IP 20		
Mounting	TS35 DIN rail		
Enclosure / colour	Metal / Black		
Weight	250g	300g	400g
<b>Dimensions</b>			
Width	19.5mm	29mm	49mm
Height	95mm		
Depth	78mm		
<b>Options [*]</b>			
Maximum load current 2A	$I_L$	2	

Standards Compliance
ITU-T K.44
AS/NZS 1768
AS4117
BS 6851
CP 33
IEC 61643-21
UL497B
A-tick

		PSTN	DH	485	7v5	18	36	68
<b>Signal Type [SIG] Electrical Specifications</b>								
Maximum Continuous Voltage (DC)	$U_c$	200V	34V	8V	7V	18V	36V	68V
Maximum Continuous Voltage (AC)	$U_c$	-	24V	6V	5V	11V	24V	46V
Impulse Voltage 1.2/50µs	$U_p$	-	50V	15V	8V	19V	40V	76V
Voltage Protection Level @ 1kV/µs	$U_p$	<130V	-					
Maximum Load Current	$I_L$	250mA	500mA		250mA			
Line Resistance		8.2Ω	3.9Ω		8.2Ω			
3dB Frequency @ 50Ω		20MHz	10MHz		250kHz			