



### SL420 Analog Loop Signal Line Protectors

Novaris SL420 analog loop signal line protectors are specifically designed for the protection of traditional 4-20mA analog loops. Featuring a unique indicating status LED, loop power and surge protection status can easily be monitored without interrupting the analogue signal or effecting calibration.

SL 420 - G

Product Series  
Top

Base option

SL420



Electrical Specifications		
Connection type		Series
Modes of protection		Transverse and common mode
Maximum continuous voltage (DC)	$U_0$	34V
Maximum continuous voltage (AC)	$U_c$	24V
GDT rating 8/20 $\mu$ s	$I_{GDT}$	10kA
Maximum load current	$I_L$	30mA
Impulse voltage 1.2/50 $\mu$ s	$U_p$	40V
Line resistance		8.2 $\Omega$
3dB Frequency @ 50 $\Omega$		250kHz
Display		LED status

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