SLM-18

Multi-circuit signal line protectors

Novaris SLM signal line protectors are designed to protect multiple signalling circuits in a common housing, up to 12 lines can be protected with one unit. They are suitable for process control, telemetry, PLC, agricultural controls and irrigation systems.

Robust multistage design

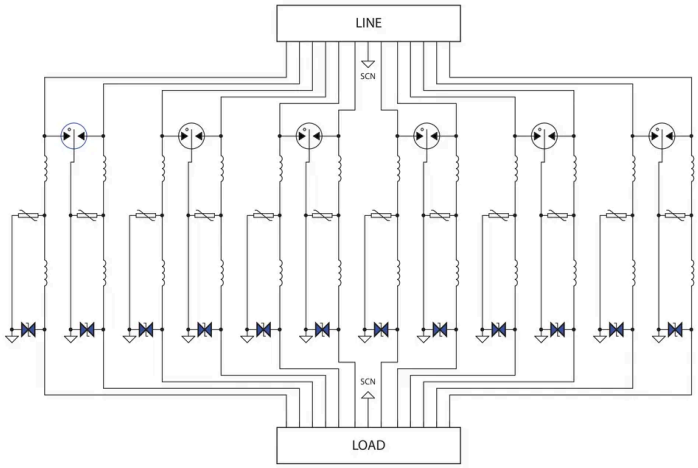
The SLM unit features a multistage protection design which provides good protection in both common and transverse mode. It also has a maximum common mode discharge current of 20kA for each pair, making it robust and long lasting.

Quick-connect Housing

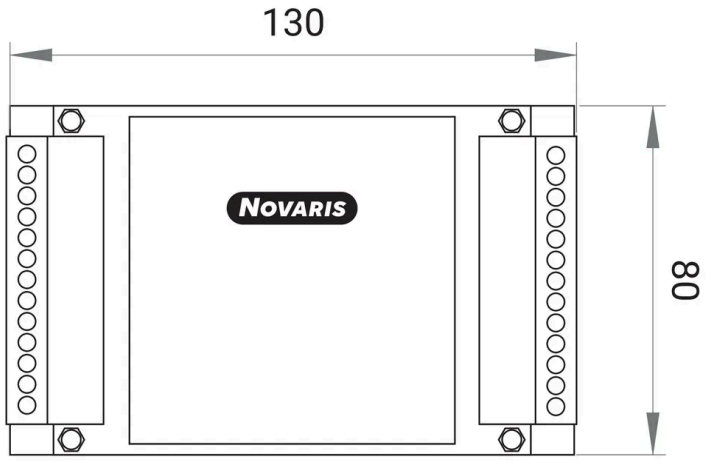
The SLM unit is provided with screw terminal connectors for both Line and Equipment sides allowing rapid replacement if a unit is damaged. The SLM is designed to be mounted to a panel to allow easy fitment to outdoor cabinets and enclosures.

Image for illustrative purposes only

Wiring



Dimensions



Electrical Specifications

Connection type		Series
Number of lines		12
Modes of protection		Transverse and common
Maximum continuous voltage (DC)	U_c	16V
Maximum continuous voltage (AC)	U_c	11V
Maximum discharge current (8/20 µs)	I_{max}	20kA
Maximum load current	I_L	2A
Line resistance		0.1Ω

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ µs	U_p	20V

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		85°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Panel
Environmental rating		IP20
Terminal capacity		2.5mm²
Terminal screw torque		0.5Nm
Length		130mm
Width		80mm
Height		60mm

Shipping Specifications

Weight		250g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		SLM-18

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