SSP6A-130-G

Image for illustrative purposes only

Slimline Series Surge Protectors

The Novaris SSP6A is a surge protection device designed to protect AC and DC low voltage power supplies, digital outputs, solenoids, valves and other low voltage requirements up to 6 amps.

Zero Line Resistance

The SSP6A has zero line resistance and is an ideal protection device that will not alter the calibration of some instruments.

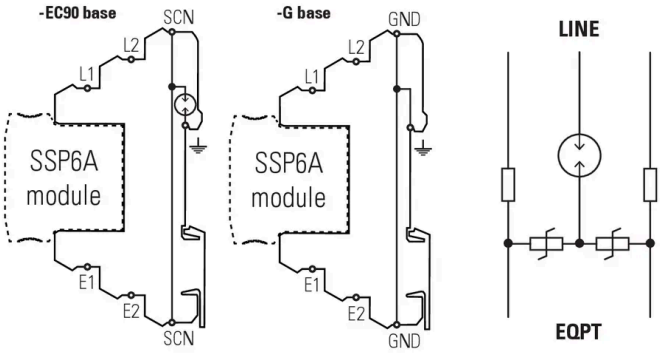
Circuit Protection for Fire and Security Systems

The SSP6A can be used to protect fire and security alarm circuits where end of line resistors are used.

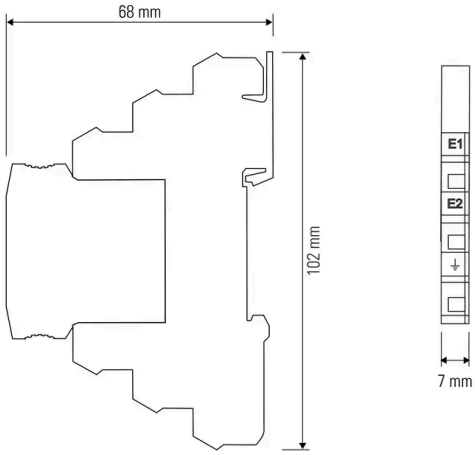
Slimline Pluggable Modules

The SSP6A is DIN rail mountable and has a replaceable module.

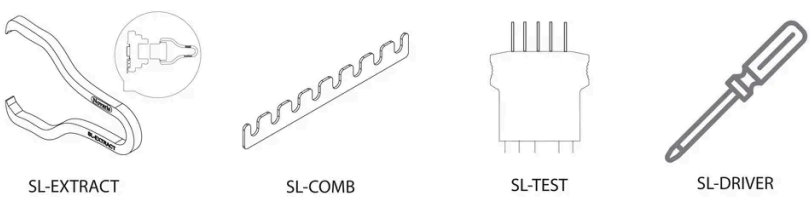
Wiring



Dimensions



Accessories



For additional information please refer the SL Accessories Catalogue , No. 0004-D14V1

72 Browns Road, Kingston Tasmania 7050 Australia
+61 3 6229 7233 sales@novaris.com.au
www.novaris.com.au

Specifications

Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	U_C	130V
Maximum continuous voltage (AC)	U_C	110V
Maximum discharge current (8/20 µs)	I_{max}	5kA
Maximum common mode discharge current (8/20 µs)		10kA
Impulse durability C2 10x8/20µs		5kA
Maximum load current	I_L	6A
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Response time	t_A	<25ns
Line resistance		0.02Ω
Insertion loss @ 150 Ω		<0.5dB @ <20kHz
3 dB Frequency @ 150 Ω		80kHz
Earthing		Direct

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ µs	U_p	240V
Capacitance		12nF

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ µs	U_p	380V
Voltage protection level @ 3 kA 8/20 µs	U_p	620V
Capacitance		1.5pF

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		TS35 DIN Rail
Environmental rating		IP20
Enclosure material		Polycarbonate
Enclosure finish		Black
Terminal type		Screw cage
Terminal capacity		2.5mm²
Terminal screw torque		0.5Nm
Length		102mm
Width		7mm
Height		68mm
Dimensional tolerance		0.5mm

Standard Specifications

IEC 61643-21	SPD connected to telecommunications and signalling networks - Cat C2
AS 1768	Signalling/Telecommunications surge protection
UL 1449 & UL 497B	Protectors for data, communications and fire-alarm circuits
ITU-T K.44	Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents
AS/CA S008	Requirements for Customer Cabling Products
AS/NZS 4117	Surge Protective Devices for Telecommunications Applications

Shipping Specifications

Weight		35g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		SSP6A-130-G

72 Browns Road, Kingston Tasmania 7050 Australia
+61 3 6229 7233 sales@novaris.com.au
www.novaris.com.au