

### SSP6A-65-G

#### 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.

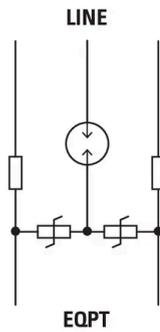
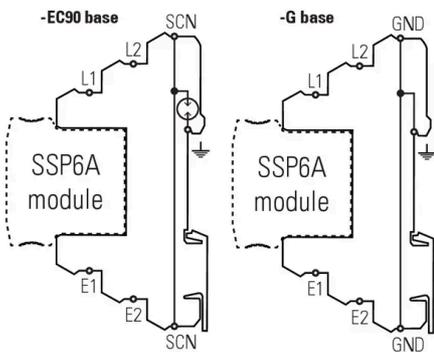
#### Slimline Pluggable Modules

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

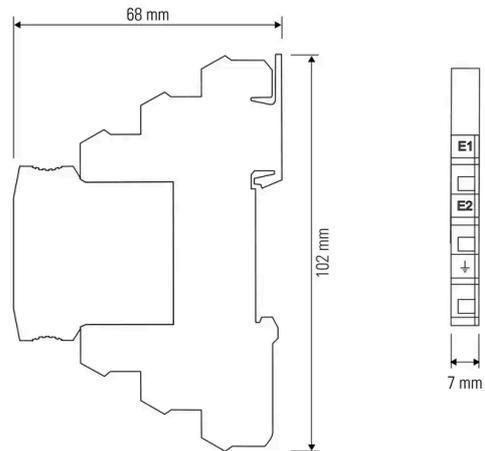


Image for illustrative purposes only

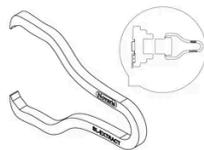
### Wiring



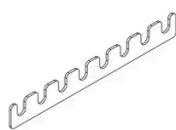
### Dimensions



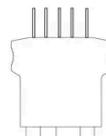
### Accessories



SL-EXTRACT



SL-COMB



SL-TEST



SL-DRIVER

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

## Specifications

## Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	$U_c$	65V
Maximum continuous voltage (AC)	$U_c$	50V
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	5kA
Maximum common mode discharge current (8/20 $\mu$ s)		10kA
Impulse durability C2 10x8/20 $\mu$ s		5kA
Maximum load current	$I_L$	6A
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Response time	$t_A$	<25ns
Line resistance		0.02 $\Omega$
Insertion loss @ 150 $\Omega$		<0.5dB @ <20kHz
3 dB Frequency @ 150 $\Omega$		80kHz
Earthing		Direct

## Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	135V
Capacitance	$\pm$	12nF

## Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	380V
Voltage protection level @ 3 kA 8/20 $\mu$ s	$U_p$	620V
Capacitance	$\pm$	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		Cage clamp
Terminal capacity		2.5mm <sup>2</sup>
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-65-G
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