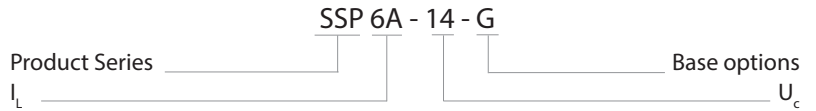




SSP Slimline Series Surge Protectors

Novaris SL range of plug-in signal line protectors provide surge protection for power supplies with loads up to 6A. Ideal for the protection of PLCs, fire and security systems, telecommunications and telemetry systems, railway signalling, SCADA and other industrial monitoring and control equipment.



- SSP6A-14
- SSP6A-38
- SSP6A-65
- SSP6A-130

Electrical Specifications					
Connection type		Series			
Modes of protection		Transverse and common mode			
Maximum continuous voltage (DC)	U_c	14V	38V	65V	170V
Maximum continuous voltage (AC)	U_c	11V	30V	50V	130V
Maximum discharge current (8/20 μ s)	I_{max}	9.6kA			3.6kA
Maximum load current	I_L	6A			
Voltage protection level @ 5kV (10/700 μ s)	U_p	26V	70V	120V	250V
Line resistance		0.1 Ω			
3dB Frequency @ 50 Ω		100kHz			

Mechanical Specifications	
Operating temperature / humidity	-40 to +70°C / 5 to 95% non-condensing
Terminal capacity	2.5mm ²
Terminal screw torque	0.5 Nm
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

IECEx ia models available with the Novaris Hazardous Area range



Surge Protection Tester

The Novaris SPT Series allows surge protection installers and maintainers to monitor* and diagnose surge protection equipment on site. The SPT-02 uses an auto-range function to accurately determine the clamping voltage of voltage limiting products and the firing voltage of voltage switching products. The SPT-02 is also a multifunction device that supports insulation resistance, continuity, voltage and diode testing. Test results are displayed on a 2 x 16 character display.

SPT - 02

Product Series _____ Version _____

MOV Test	
Measuring Range	5 -- 1020 V DC
Voltage Accuracy	± 3%

GDT Test	
Measuring Range	5 -- 1020 V DC
Voltage Accuracy	± 3%

Voltmeter	
DC Voltage	0 -- 950 V
AC Voltage	0 -- 700V
Resolution	1V
Voltage Accuracy	± 3%

Insulation Resistance	
Test voltage	250, 500, 1000V
Measuring Ranges	250V: 0.2MΩ -- 2GΩ 500V: 0.2MΩ -- 4GΩ 1000V: 0.2MΩ -- 8GΩ
Accuracy	0.2MΩ - 4GΩ : ± 3% 4GΩ -- 8GΩ : ± 5%
Short Circuit Current	1.2mA
Polarisation Index (PI)	on all ranges
Detective Absorption Ratio (DAR)	on all ranges

KΩ Test	
Ranges	1 -- 400kΩ
Short Circuit Test Current	≥ 1.3mA

Standards Compliance	
EN 61010-1 CATIII 600V	
EN 61326-1	

Continuity	
Ranges	0.01 -- 100Ω 100 -- 300Ω 300 -- 1999Ω
Accuracy	0.01 -- 100Ω : ± 1.0% 100 -- 300Ω : ± 1.5% 300 -- 1999Ω : ± 2.0%
Auto Null	up to 5Ω
Buzzer	up to 3Ω

Diode Test	
Test Voltage	5V DC
Max Test Current	1.5 mA
Resolution	0.1V
Measurement Voltage	0 -- 4.5V
Accuracy	± 3%

General	
Fuse	500mA 250V Fast Blow
Display	2 Line x 16 Character LCD
Dimensions	205 (L) x 90 (W) x 55 (D)
Weight	1.5kG
Power Source	1.5V AA x 6
Storage Temperature	-20°C to 70°C
Accessories	Test Leads Fuse (0.5A 250V) Heavy Duty Case Instruction Manual Batteries

* Measurements of SPDs with intact display hardware will be inaccurate due to the current required to drive the hardware.