SSP6A-38-EC90



Slimline Series Surge Protectors

Novaris slimline surge protection devices (SPDs) provide surge protection for most twisted pair signaling schemes.

Load Current Up to 6A

The SSP6A series surge protectors complement the SL range for applications of load currents up to 6A. Typical applications may include power supplies, digital outputs and other low voltage requirements up to

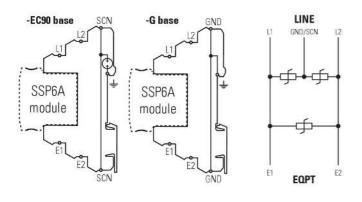
Two Different Earthing Options

With two different base options the SSP6A protectors offer either direct earthing via DIN rail, for the most effective, low impedance earth connection (-G base) or a connection via GDT to the DIN rail, offering isolation under normal conditions and equipotential bonding during a surge (-EC90 base).

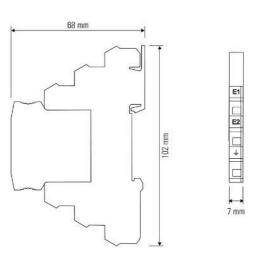
Slimline Pluggable Modules

The plug-in design provides simple and rapid replacement and testing - no rewiring needed. This also provides a convenient method of field equipment isolation if required.

Wiring



Dimensions



Standards

IEC 61643-21 SPD connected to telecommunications and singalling networks - Cat C2 **AS/NZS 1768** Signalling/Telecommunications surge protection UL 1499 & 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

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Novaris

Distributed by: PowerCom Solutions Pty Ltd Ph: 1800 626 161

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Specifications

Electrical Specifications

Connection type	¥	Series
Number of lines	≔	1 pair
Modes of protection	þ	Transverse and Common
Maximum continuous voltage (DC)	U _c	38V
Maximum continuous voltage (AC)	U _c	30V
Maximum discharge current (8/20 µs)	l _{max}	4.8kA
Maximum common mode discharge current (8/20 μs)		9.6kA
Impulse durability C2 10x8/20µs		2.5kA
Maximum load current	I _L	6A
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Response time	t _A	<5ns
Line resistance	- WV-	0.02Ω
Insertion loss @ 150 Ω	1	<0.5dB @ <20kHz
3 dB Frequency @ 150 Ω		80kHz

Mechanical Specifications

Minimum	Ŋ	4000
Minimum operating temperature	Ö	-40°C
Maximum operating temperature	I	70°C
Minimum operating humidity	%	5%
Maximum operating humidity	&	95%
Mounting method	ď	TS35 DIN Rail
Environmental rating	ŵ	IP20
Enclosure material	•	Polycarbonate
Enclosure finish	•	Black
Terminal type		Cage clamp
Terminal capacity	•	2.5mm²
Terminal screw torque	C	0.5Nm
Earthing		90V isolation
Length	~	102mm
Width		7mm
Height	1	68mm
Dimensional tolerance		0.5mm

Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ μs	Up	75V
Voltage protection level @ 3 kA 8/20 µs	Up	105V
Voltage protection level @ 100 V/ s		55V
Capacitance	⊣⊢	16nF

Other Specifications

Product Code SSP6A-38-EC90

Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ μs	U _p	75V
Voltage protection level @ 3 kA 8/20 µs	U _p	105V
Voltage protection level @ 100 V/ s		55V
Capacitance	H۲	16nF

Shipping Specifications

Weight	Â	35g
Customs tariff	*	85363000, 85363010

Accessories



SL-EXTRACT

promoter





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

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