

PP8-15-50-B130

Plug-in Surge Filters

Whether you are looking to protect your home theatre, HIFI, computer server, PC or communications equipment Novaris surge filters offer class leading performance and reliability. Simple and convenient to install, simply plug the product in and clean, filtered power is now at your disposal, giving you peace of mind knowing that your assets are protected.

The PP8-15-50-B130 is specifically designed to provide high levels of surge protection to equipment that uses low voltage (100-120 Volts) AC power as found in countries such as USA, Philippines and Japan. It provides two filtered and protected output sockets to which a combined total load current of 15A can be connected. The PP8-15-50-B130 can be used with both 50 and 60Hz supply frequencies.

All Mode Protection

Protection is provided for all combinations of lines ensuring the maximum level of protection is achieved at all times.

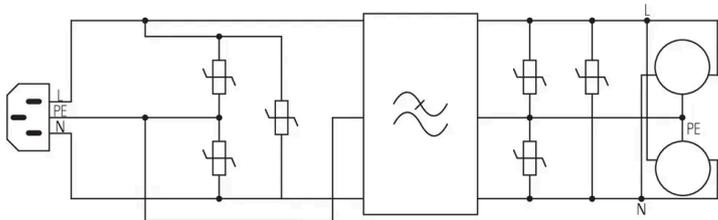
Safe Metal Enclosure

Novaris power protection products are housed in safe, all metal enclosures. In the event of a prolonged overvoltage they will not catch fire or explode.

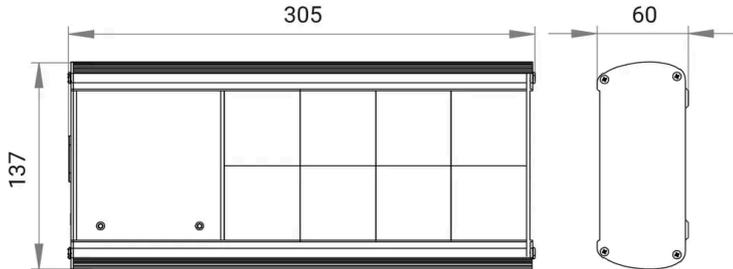


Image for illustrative purposes only

Wiring



Dimensions



Product Datasheet

Electrical Specifications

Connection type		Series
Modes of protection		L-N, L-PE, N-PE
Number of ports		2
Number of phases		1
Location		Indoor
Nominal voltage	U_0	110VAC
Short circuit withstand level	I_{SSCR}	25kA
Maximum backup fuse		15A
Earth leakage current	I_{PE}	<500 μ A

Electrical (L-N) Specifications

Maximum load current	I_L	15A
Maximum continuous voltage AC	U_C	130VAC
Maximum voltage drop (% of U_0)		<1%
Maximum discharge current (8/20 μ s)	I_{max}	50kA
3dB frequency @ 50 Ω		900Hz
Nominal discharge current (8/20 μ s)	I_n	20kA
Voltage protection level (3kA 8/20 μ s)	U_p	<260V
Response time	t_A	Instantaneous

Electrical (N-PE) Specifications

Maximum continuous voltage	U_C	130VAC
Maximum discharge current (8/20 μ s)	I_{max}	50kA
Nominal discharge current (8/20 μ s)	I_n	20kA
Voltage protection level (1kV/ μ s)	U_p	<630V
Response time	t_A	<25ns

Indication Specifications

Display		LED Power and Status
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Mechanical Specifications

Inlet connection		IEC C14
Outlet connection		15A US socket
Number of outlets		8
Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Free standing
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Length		137mm
Width		305mm
Height		60mm
Dimensional tolerance		0.5mm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 2, 3
AS 1768	AC power system SPD - Cat B, A
IEEE 62.41.2	Low voltage SPD - Type 3
UL 1449	Low voltage SPD - Cat C

Shipping Specifications

Weight		2kg
Customs tariff		85363000, 85363010

Other Specifications

Product Code		PP8-15-50-B130
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