PP10E2-50

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.

All Mode Protection

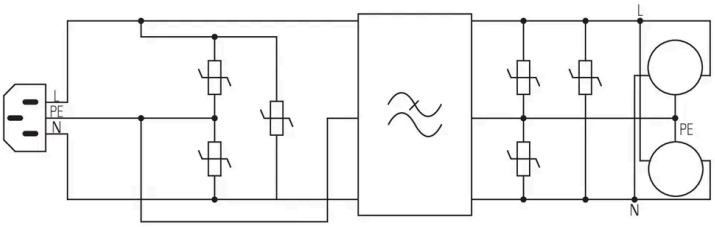
Protection is provided for all combinations of lines ensuring the maximum level of protection is achieved at all times.

Safe Metal Enclosure

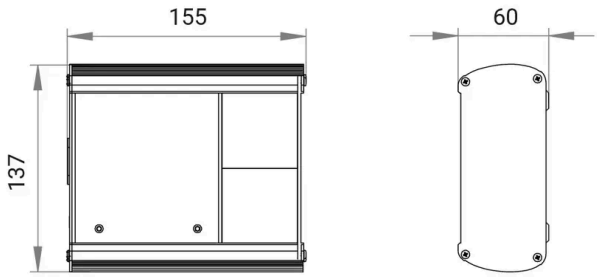
Novaris power protection products are housed in safe, all metal enclosures. In the event of a prolonged overvoltage they will not catch fire or explode.

Image for illustrative purposes only

Wiring



Dimensions



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_o	230VAC
Short circuit withstand level	I_{SCCR}	25kA
Maximum backup fuse		10A
Earth leakage current	I_{PE}	<500µA

Electrical (L-N) Specifications

Maximum load current	I_L	10A
Maximum continuous voltage AC	U_C	275VAC
Maximum voltage drop (% of Uo)		<1%
Maximum discharge current (8/20 µs)	I_{max}	50kA
Nominal discharge current (8/20 µs)	I_n	20kA
Lightning impulse current (10/350 µs)	I_{imp}	6.25kA
Voltage protection level (3kA 8/20µs)	U_p	<700V
Response time	t_A	Instantaneous
3dB frequency @ 50Ω		900Hz
Voltage withstand (5s)	U_T	335V

Electrical (N-PE) Specifications

Maximum continuous voltage	U_C	275VAC
Maximum discharge current (8/20 µs)	I_{max}	50kA
Nominal discharge current (8/20 µs)	I_n	20kA
Voltage protection level (1kV/µs)	U_p	<800V
Response time	t_A	<25ns

Indication Specifications

Display		LED Power and Status

Mechanical Specifications

Inlet connection		IEC C14
Outlet connection		10A European socket
Number of outlets		2
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		155mm
Height		60mm
Dimensional tolerance		0.5mm

Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 1, 2
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		1.3kg
Customs tariff		85363000, 85363010

Other Specifications

Product Code		PP10E2-50

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