

PP10A4-50-M

Plug-in Surge Filters

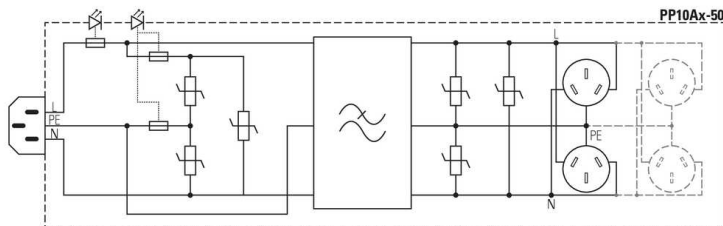
Whether you are looking to protect your home theatre, hi-fi, computer server, PC or communications equipment Novaris surge filters offer class leading performance and reliability. Simple and convenient to install, simply plug the product in and clean, filtered power is now at your disposal, giving you piece 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.





**Wiring****Dimensions****Standards**

IEC 61643-11:2011
AS/NZS 1768:2007
IEEE 62.41.2:2002
UL 1449 3rd edition

SPD connected to low-voltage power systems - Type 2, 3
AC power system SPD - Cat B, A
Low voltage SPD - Type 3 (<10m from device)
Low voltage SPD, Cat C (<10m from device)

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

Other Specifications

Product Code		PP10A4-50-M
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Electrical (L-N) Specifications

Maximum load current	I_L	10A
Maximum continuous voltage AC	U_c	275VAC
Maximum voltage drop (% of U_0)		<1%
3dB frequency @ 50 Ω		900Hz
Maximum discharge current (8/20 μ s)	I_{max}	50kA
Nominal discharge current (8/20 μ s)	I_n	20kA
Voltage protection level (3kA 8/20 μ s)	U_p	<600V
Voltage protection level (In)	U_p	<800V
Response time	t_A	Instantaneous
Voltage withstand (5s)	U_T	440V

Electrical (N-PE) Specifications

Maximum continuous voltage	U_c	275VAC
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	<600V
Voltage protection level (In)	U_p	<800V
Response time	t_A	<25ns












Shipping Specifications

Weight		1.3kg
Customs tariff		85354010

Indication Specifications

Display		LED Power and Status
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Mechanical Specifications

Inlet connection		IEC C14
Outlet connection		10A AU type 1
Number of outlets		4
Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Panel
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Length		137mm
Width		205mm
Height		64mm