

PP10A8-50-1RU



Image for illustrative purposes only

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.

Specifications

Electrical Specifications

Connection type		Series
Modes of protection		L-N, L-PE, N-PE
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

Electrical (L-N) Specifications

Maximum load current	I_L	10A
Maximum continuous voltage AC	U_c	275VAC
Maximum voltage drop (% of U_0)		<1%
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
Response time	t_A	Instantaneous
Voltage withstand (5s)	U_T	335V

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	<800V
Response time	t_A	<25ns

Indication Specifications

Display		LED status
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Mechanical Specifications

Inlet connection		10A AU flying lead
Outlet connection		10A AU type 1
Number of outlets		8
Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		1RU Rack mount
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Length		220mm
Width		484mm
Height		44mm

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