

FEATURES

- ✓ Multistage transient protection
- ✓ All Mode Protection
- ✓ LED status
- ✓ DIN Rail mount
- ✓ Polycarbonate enclosure

PRODUCT DESCRIPTION

Surge protection is required to reduce the risk of potentially high voltage spikes into the system.

Whilst all FireSense fire alarm equipment contains surge protection, it can not absorb all the energy as well as a stand alone surge protector.

The SURGE-MAINS provide the highest level of protection for critical and essential equipment. Their compact design makes them an ideal choice for space restricted applications. The SFD range has been engineered to protect sensitive loads.

They feature “All Mode Protection”, ensuring protection for all combinations of lines (L-N, L-PE, N-PE) ensuring maximum level of protection is achieved at all times.

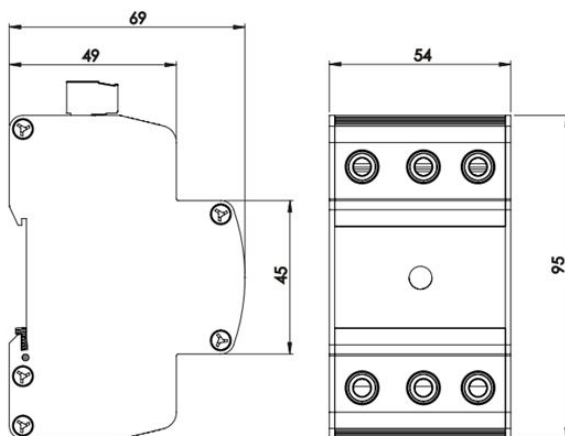
The surge filters have two stages of varistor protection separated by a low pass LC filter. This two stage combination reduces the effects of high frequency noise and transients to provide the highest level of protection to sensitive loads.

Note: This is an indent item, lead times may apply.

DIMENSIONS

2A: 18mm W x 116mm H x 70mm D

10A: 54mm W x 95mm H x 70mm D



ELECTRICAL SPECIFICATIONS

	2A	10A
Connection type	Series	
Modes of protection	All modes (L-N, L-PE, N-PE)	
Protection stages	Metal Oxide Varistor / LC filter / Metal Oxide Varistor	
Nominal voltage	230VAC RMS / 50Hz	
Maximum voltage	L-N 275VAC RMS / N-PE 255 VAC RMS	
Max voltage drop	1% at full load	
Max load current	2A	10A
Peak surge handling per mode (8/20µs)	6.5kA	50kA
Response time	Instantaneous	
Alarms (LED display)	No LED Status (optional)	LED Status
Earth leakage current	<500uA	<10uA

MECHANICAL SPECIFICATIONS

Operating temperature/humidity	-40 to 70°C / 5 to 90% non-condensing	
Connection type	2.5mm ²	2.5mm ² - 16mm ² terminal
Mounting	TS35 DIN rail	
Enclosure/colour	Polycarbonate enclosure/black	
Weight	200g	440g