THE POWERLINE SERIES

Inline DIN Surge Filter Protector

Features

- Thermal and overcurrent fusing
- Fire hazard protection
- Inline protection
- High surge capability
- Effective filtration
- Compact design
- Easy installation
- Protected when Lit indication

The DIN Filter is a line filter with surge suppression for effective protection against induced lightning transients and mains bourne noise. Electrical line noise from household and commercial alternating current outlets causes a variety of unwanted effects, from poor audio and video quality in consumer electronics and equipment damage.

Clearline's unique built-in thermal protection devices eliminates fire hazards. LED indication has been included to show if the protection is still functional. When the protector has been blown, the output power will be disconnected signalling the unit needs to be replaced.
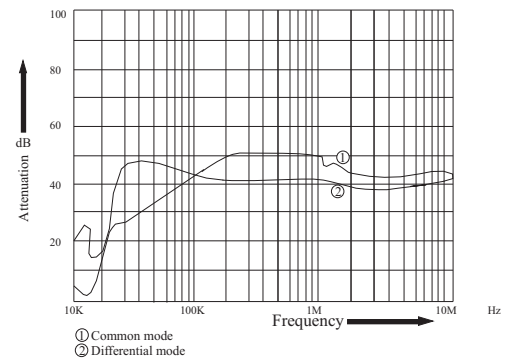

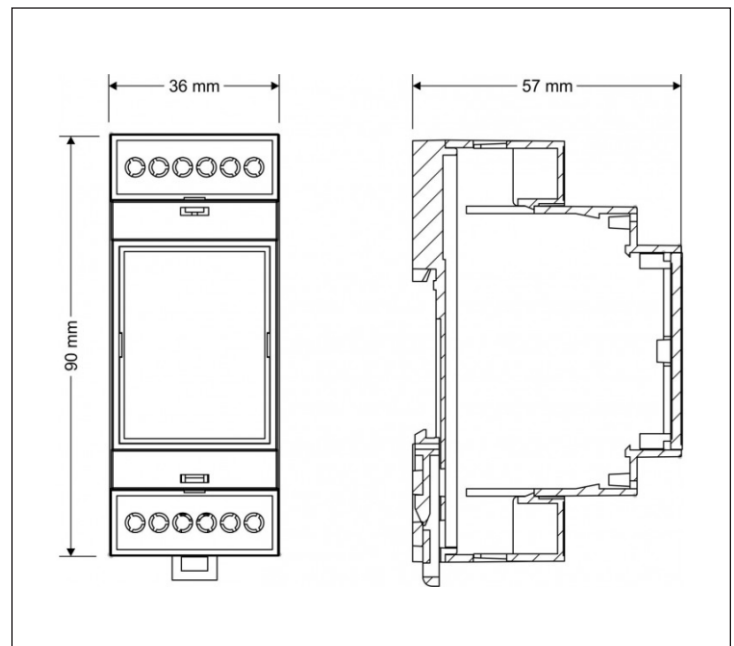*Specifications subject to change without prior notice due to continuous improvements

Specifications	
Power Surge Protection	
Nom. Input Voltage (U_{ref})	230VAC 50Hz
Max. Input Voltage (U_c)	275VAC 50Hz
Max. Continuous Current (I_{max})	10A
Test Class	Class III T3
Open Circuit Voltage (U_{OC})	6kV
Voltage Protection Level (U_p)	<1.2kV
Nom. Discharge Current (I_n)	3kA L-N, L-E (8/20us) (>10 strikes)
Max. Discharge Current (I_{max})	8kA L-N, L-E (8/20us) (1 strike)
Response Time	<25ns

Other	
Indication	Protected when Lit
Temperature Range	-20°C to +70°C
Degree of Protection	IP66
Standard Compliance	IEC 61643-11
Input Connectors	Screw Terminals
Output Connectors	Screw Terminals
Dimensions	90x36x58mm
Weight	0.12kg

Filter characteristics

① Common mode
② Differential mode

Dimensions

CLEARLINE
THE ELECTRONIC PROTECTION COMPANY