THE POWERLINE SERIES

12-00032 rev_1

Professional 2000 Range



Features

- High performance line filter
- Integral circuit breaker
- Thermal disconnect protection
- Visual fault indication
- Earth connected indication

These high performance line filters offer surge and transients suppression for sensitive electronic equipment from mains born noise and induced lightning. These units have extended filtering characteristics and are suitable for use in high noise environments. Each unit has an integral circuit breaker and fault indicator.

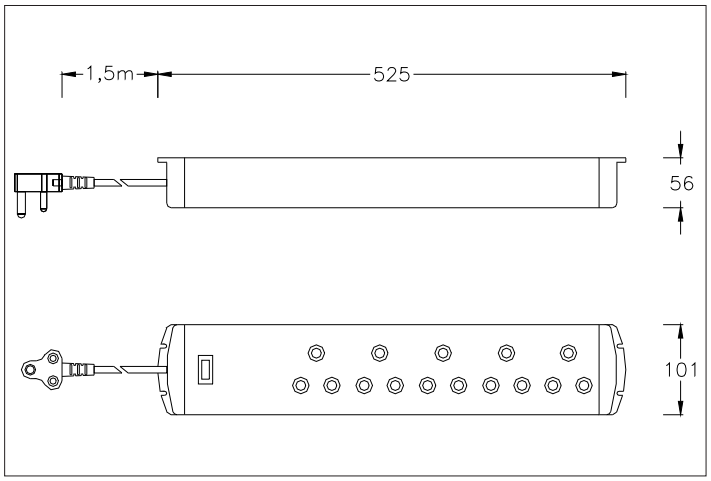
The professional range is equipped with a thermal disconnect device which disconnects the high capacity metal oxide varistor from the mains if they are over stressed due to frequent high energy surges or long over voltage conditions, if the thermal disconnect triggers, it will also automatically disconnect the power as a further precaution.

Specification	
Power	
Max. operating voltage	250VAC 50Hz
Max. current	16A
Earth leakage	< 2.0mA
Max. discharge current Isn (8/20)	8kA
Residual voltage @ 5kA (8/20)	Approx. 900V
Response time	< 25ns
Temperature range	-20ºC to +70ºC
Standards compliance	IEC 61643-1
Socket	16Amp
Mounting holes	60 x 513mm

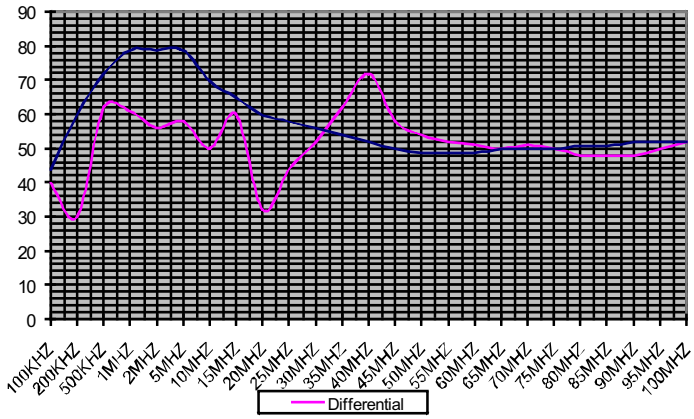
Indication	
Protection faulty	Red LED
Power available	ON/OFF Switch
Earth Connected	Green LED ON

Order Codes	
Model	**Dedicated**
5 way	12-00032
1 way	12-00217

Dimension



Filter Response



Designed and Manufactured by:

Clearline Protection Systems (Pty) Ltd

385 Roan Crescent Corporate Park North, Old Pta Road,
Midrand, South Africa
P.O. Box 5985, Halfway House, 1685
Tel: +27 (0) 11 848-1100
Fax: +27 (0) 11 314-3880
E-mail: info@clearline.co.za
www.clearline.co.za

CLEARLINE
THE ELECTRONIC PROTECTION COMPANY