

THE DUOLINE SERIES

12-00722

rev_1

Multitector

Features

- Plug-and-Play concept
- High surge capability
- Fire hazard protection
- Gigabit protected
- 3M power outlet with IEC socket

The unit designed especially for combination of power, ADSL & Gigabit network protection. LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

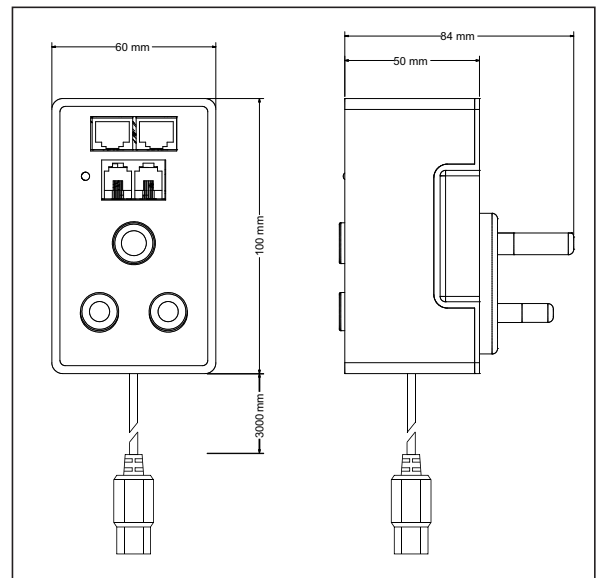
Supports the compliment of 1000Base-T
Backwards compatible to 100Base-T

The unit simply gets plugged into the wall socket and the equipment plugs directly into the unit. Clearline protects your equipment against lightning and surges without additional earthing. The protection is capable of blocking severe lightning and power surges. The unit incorporates a fast overload device which will be activated in extreme conditions. Clearline's unique built-in thermal protection technology has been included to eliminate fire hazards.



Specification			
Power			
Nom. continuous voltage	230V 50Hz		
Max. continuous current	16A		
Max. discharge current at 8/20	2.5kA L-N, L-E, N-E		
Temperature Range	-20 °C +70 °C		
Response Time	<25ns		
Residual voltage	Approx. 900V		
Telecom			
Max. discharge current	10kA (8/20)		
Residual voltage at 10kA (Differential mode)	Approx. 200V		
Residual voltage at 10 kA (Common mode)	Approx. 200V		
Data speed	RJ 11		
Connector	10 Mbits/s		
No. of wires	2		
Network			
Clamping voltage	<5V(1.2/50)		
Max. discharge current (Fine protection)	40A (8/20)		
Max. discharge current (Coarse protection)	2kA (8/20)		
Pairs protected	1-2, 3-6, 4-5, 7-8		
Data rate	>200Mbits/s		
Bandwidth	>350MHz		
Standards compliance	Fast ethernet 802.3u; IEC 11801 & IEEE 802.3		
Test frequencies in Mhz	20	62.5	100
Insertion loss in dB (with RJ45 sockets)	<0.10	<0.10	<0.30
Next (Limits as per IEC 11801)	>43 (35)	>32.4 (27)	>33.6 (24)
Return loss (Limits as per IEC 11801)	>27.8 (15)	>31.4 (10)	>22.8 (10)

Dimension



Designed and Manufactured by:

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