THE DUOLINE SERIES

12-00829 rev_2

ADSL, Gigabit & Power Protector

Features

- Easy installation
- Failsafe protection
- Visual indication
- Slimline, compact
- Lightweight
- Support Gigabit network (1000Base-T)



The Combotector unit is a lightweight protection unit designed especially for combination of power, ADSL & Gigabit network protection. The unit is compact and easy to install. The protection unit features a thermal disconnect device along with visual indication, showing the status of the unit.

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

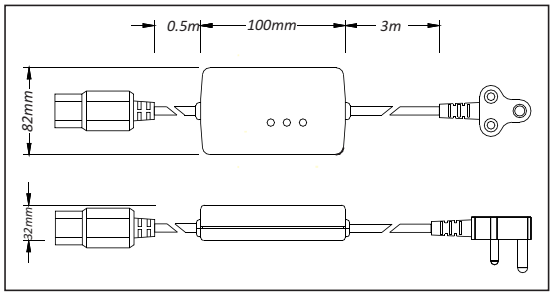
Specifications	
Power Surge Protection	
Nom. Input Voltage (U_{ref})	230VAC 50Hz
Max. Input Voltage (U_c)	275VAC 50Hz
Max. Continuous Current (I_{max})	10A
Test Class	Class III T3
Open Circuit Voltage (U_{oc})	6kV
Voltage Protection Level (U_p)	<1.2kV
Nom. Discharge Current (I_n)	3kA L-N, L-E, N-E (8/20us) (>15 strikes)
Max. Discharge Current (I_{max})	4.5kA L-N, L-E, N-E (8/20us) (1 strike)
Response Time	<25ns

Telecom Surge Protection	
Max. Discharge Current (I_{max})	20kA L-L, 10kA L-E (8/20us)
Residual Voltage	<300V L-L, <150V L-E
Technology Supported	ADSL
Data Speed Supported	10 Mbit/s
Data Connector	RJ11
No. of Wires	2

Network/Dataline Surge Protection	
Max. Discharge Current (Fine L-L)	40A (8/20us)
Max. Discharge Current (Coarse L-E)	2.5kA (8/20us)
Residual Voltage	<5V (1.2/50us)
Technology Supported	Gigabit Cat5e
Data Speed Supported	>1000 MBit/s
Pairs Protected	1-2, 3-6, 4-5, 7-8

Other	
Indication	LED
Temperature Range	-20°C to +70°C
Standard Compliance	IEC 164-1, 61643-11, IEEE 802.3u/ab/af/at
Lead Length	See “Cables supplied”
Dimensions	See “Dimension Drawing”
Weight	0.54kg

Dimension



Cables Supplied:

1 x RJ45 - RJ45 x 1M

1 x RJ11 - RJ11 x 2M

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