

## Trip-connect 16A with lead and RJ11 +45 Protection (10sec delay)

### Features

- Plug-and-Play concept
- Economical protection
- Automatic operation
- All 4 data lines protected (RJ45)
- Each pair supports 155Mbits/s
- Very low insertion loss

Protects fast ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

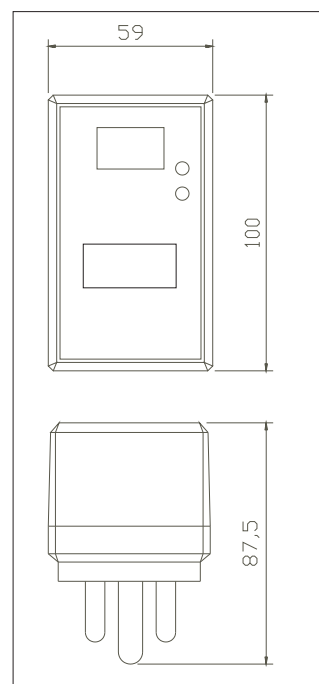
Supports the compliment of 100Base-T configurations:  
100Base-Tx, 100Base-T4 and 100Base-VG.  
Backwards compatible to 10Base-T



There are many instances in rural areas where the quality of supply is unpredictable. Even when UPS equipment is installed, large fluctuations in supply voltage can damage electronic equipment. In non critical installations, the tripconnect unit will simply remove power from the equipment in the event of over or under voltage conditions and automatically restore power when the supply falls below acceptable limits. Surge protection and status has been included. The unit simply gets plugged into the wall socket and the equipment plugs directly into the unit. Zero crossing has been included for smooth operation.

Specifications			
<b>Power Module</b>			
Nom. input voltage	230VAC 50Hz		
Max load current	16A		
Low voltage trip limit	190V		
High voltage trip limit	252V		
No of cycles to trip	1-3		
Max discharge current ismax (8/20)	8kA		
Indication LED	Power on delay		
Delay time	10 seconds		
Standards compliance	IEC 99.4, ANSI C62.42		
<b>Modem Module</b>			
Operating voltage	230VDC		
Max. Operating current	0.3A		
Max. discharge current at Ismax L-L (8/20)	2.5kA		
Residual voltage at Ismax L-L	100V (typ)		
Max. discharge current at Ismax L-E (8/20)	2.5kA		
Residual voltage at Ismax L-E	100V (typ)		
No. of wires protected	2		
Data speed	64kbits/s		
Data connector	RJ 11		
<b>Data module</b>			
Clamping voltage	<10V(1.2/50)		
Max. discharge current (Fine protection)	300A (8/20)		
Max. discharge current (Coarse protection)	10kA (8/20)		
Pairs protected	1-2, 3-6, 4-5, 7-8		
Standards compliance	Fast ethernet 802.3u; IEC 11801 and IEEE 802.3		
Data rate	>200Mbits/s		
Bandwidth	>350MHz		
<b>Test frequencies in Mhz</b>	<b>20</b>	<b>62.5</b>	<b>100</b>
Insertion loss in dB (with RJ45 sockets)	<0.10	<0.10	<0.10
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)

### Dimensions



### Designed and Manufactured by:

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