



# POWERHOUSE DISTRIBUTIONS

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## Telephone Line Conditioner

### DESCRIPTION:

The TELEPHONE LINE CONDITIONER affords powerful lightning protection to equipment which is connected to telephone lines i.e. fax machines, answering machines, computer modems, handsets etc. This telephone device is simply installed by means of an RJ11 plug and socket. A heavy duty version is also available for areas with very severe lightning activity. The unit is also supplied in a hard wire format for installation in an alternative position away from the telephone socket outlet.

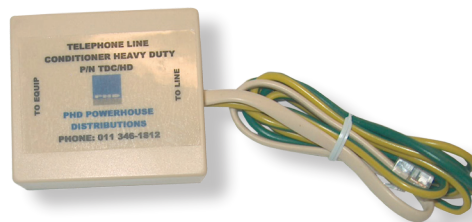
### SPECIFICATIONS:

#### Normal Conditions

Voltage Rating (Max.) : 200V  
Continuous Current (Max.) : 150mA  
Frequency Response @ 2MHz : <1.5dB  
Series Resistance (Max.) (Not on LD model) : 22Ω

#### Transient/Surge Conditions

Voltage Withstand @ 1.2/50uS (Max.) : >10kV  
Current Withstand @ 8/20uS (Max.) - LD & ND : >10kA  
Current Withstand @ 8/20uS (Max.) - HD : >20kA  
Protection Levels (TYP) - Line to Line : 270V  
Protection Levels (TYP) - Line to Earth : 270V  
Response Time : <5ns



TDC/HD



TDC/LD

Models	
TDC/LD	Telephone Line conditioner – light duty (RJ11 plug and socket)
TDC/ND	Telephone Line conditioner – normal duty (RJ11 plug and socket)
TDC/HD	Telephone Line conditioner – heavy duty (RJ11 plug and socket)
TDC/ND/HW	Telephone Line conditioner – normal duty (for hard wiring)

