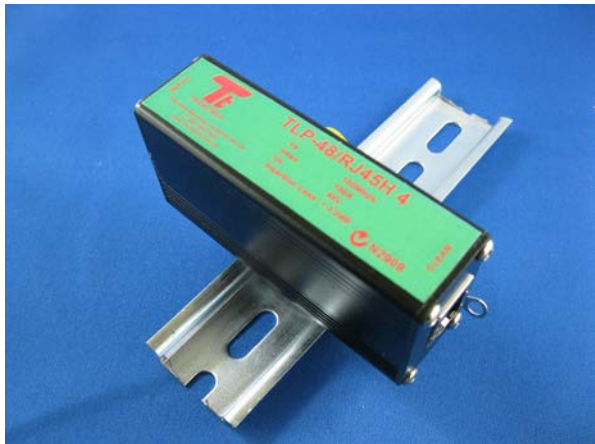


MODEL:- TLP-48/RJ45-4(8)

EtherNet RJ45 Protectors



GENERAL DESCRIPTION

The **TLP-48/RJ45H-4(8)** lightning and transient arrestor provides protection for Ethernet, Twisted Pair Cat 5 ISDN and DSL Network Cables

The **TLP-48/RJ45H-4(8)** provides very effective protection by limiting the transient over-voltage between the conductors of Network cable pairs and the screen

The **TLP-48/RJ45H-4(8)** utilizes fast response gas filled arrestors and Transorbs to provide low let thru voltages for fast transient rise times. The use of low capacitance gas filled arrestors ensures reliable operation at high frequencies with low insertion losses.

FEATURES

- ◆ Low "let thru" voltage
- ◆ Two Stage protection
- ◆ Protection between lines and screen
- ◆ Suitable for 10BaseT and 100BaseT
- ◆ Aluminium housing
- ◆ Field proven technology
- ◆ Low line losses
- ◆ Designed and manufactured to ISO 9001
- ◆ C-Tick/ CE Compliant
- ◆ Complies with IEC 616431L21-2005

TECHNICAL DATA

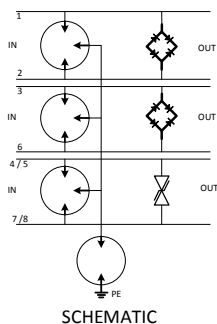
Voltage rating	
Normal working volt	48Volts
Nominal Current	1 Amp or less
Clamping Volts	90Volts line to screen
Impulse Clamping	< 600Volts (1kV/us)
Surge withstand I _{max}	2.5kA L-G (8/20usec)
Energy Level	Less than 100 joules

Characteristics	
Transmission Speed	100M bpps
Insertion Loss	< 3.0 dB at 100MHz
Pins Data	1 / 2 and 3 / 6
Pins POE	4 / 5 and 7 / 8

GENERAL SPECIFICATION

Insulation resistance	> 10 Megohm
Connections	RJ45 Female / Female
Operating Temp	-10 to 70 Deg C
Storage Temp	-55 to 80 Deg C
Mounting Style	DIN Rail Female to Female
Dimensions	85mm X 25mm X 40mm
Weight	62 grams

TLP-48/RJ45H-4



TLP-48/RJ45H-8

