

Lightning Surge Protector for Data Line Networking System

DLNS1 - xx 8/8

Application

Lightning Surge Protector for Data Line Networking System (DLNS1)- xx (8/8) is a series of Surge Protector that provides a high level of protection for local area network (LAN), against lightning surges and other form of surge.

It functions as follows:

- Reduces over voltages or surge to safe protection level.
- Provides protection to all 8 lines against surge

Installation :

- Must be mounted as close to the protected equipment as possible.
- Suitable for UTP CAT5 / 6 cables.



Features and Benefits

- Ground potential equalization cable between signal and protective (network or PC chassis) ground is provided.
- The protection devices are inserted directly into the data cables and can be easily retrofitted into existing systems.
- Casing is made of fire retardant ABS or Metal providing protection against fire in the event of prolonged over voltage .
- Simple Installation
- Integral ground line to divert surge energy.
- using RJ 45 connector.

Selection Guide



Data Line Networking System

REFERENCES STANDARD

ITU-T (CCITT) IX K17,K20,K21,K44
IEEE C62.31



SPECIFICATION

Data Line Networking System

SPECIFICATION

Line Protected

Connection Type

Wiring

Max Voltage, U_c Nominal Voltage, U_n

Working Frequency

Working Temperature

Nominal Discharge Current I_n

Peak Surge Handling

Voltage Protection Level

Let Through Voltage

4kV (10/700)3db @ 4Mhz

Standard of Compliances

Housing Material

LAN PROTECTION

All Pairs

Series

Cat 5 connector :TIA/EIA 568, TIA/EIA 568B

6.8V

 ± 6

250 Mhz

-55° C to +85° C

48 A Line to Line

7kA / 500A

20V Line-Line 250V Line- GND

120 V / 90 V

ITU-T(CCITT) IX K17,K20,K21K44,
IEEE C62.31

Retardant ABS / Metal

SPECIFICATION

NUMBER OF PORT

WEIGHT

DNSL1
1 8/8DNSL1
8 8/8DNSL1
12 8/8DLNS1
16 8/8DLNS1
24 8/8

1

8

12

16

24

660g

1.5kg

1.5kg

1.5kg

1.5kg

DIMENSION