

## 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 :

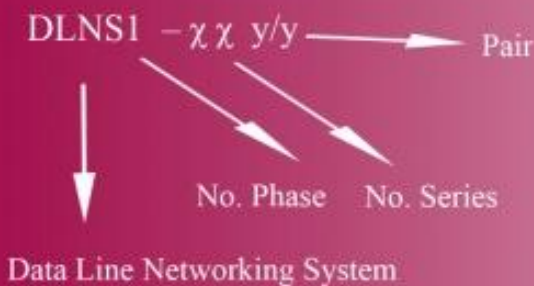
- Must be mounted as close to the protected equipment as possible.
- Suitable for UTP CAT5 / 6 cables.



#### 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



#### REFERENCES STANDARD

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



**SPECIFICATION**  
Data Line Networking System

SPECIFICATION	LAN PROTECTION
Line Protected	All Pairs
Connection Type	Series
Wiring	Cat 5 connector :TIA/EIA 568, TIA/EIA 568B
Max Voltage, Uc	6.8V
Nominal Voltage ,Un	±6
Working Frequency	250 Mhz
Working Temperature	-55° C to +85° C
Nominal Discharge Current In	48 A Line to Line
Peak Surge Handling	7kA / 500A
Voltage Protection Level	20V Line-Line 250V Line- GND
Let Through Voltage 4kV (10/700)3db @ 4Mhz	120 V / 90 V
Standard of Compliances	ITU-T(CCITT) IX K17,K20,K21K44, IEEE C62.31
Housing Material	Retardant ABS / Metal

SPECIFICATION	DNSL1 1 8/8	DNSL1 8 8/8	DNSL1 12 8/8	DLNS1 16 8/8	DLNS1 24 8/8
NUMBER OF PORT	1	8	12	16	24
WEIGHT	660g	1.5kg	1.5kg	1.5kg	1.5kg

**DIMENSION**

