



Telecom/Datacom/Signal Line Protection — LCDP SERIES



The **LCDP Series** is designed to conveniently protect 8 wire, low voltage data circuits which employs two RJ-45 jacks for easy installation. The **LCDP** utilizes silicon avalanche (solid-state) suppression technology and exhibits very low capacitance to accommodate high data rates. This unit supports high-speed data rates of over 100 Mbps.



497B LISTED

*LCDP-POE not UL Listed

FEATURES

<1 Nanosecond Response Time
Line-to-Line Protection

Low Capacitance
RJ-45 / 4 Pair Protection (8 wire)

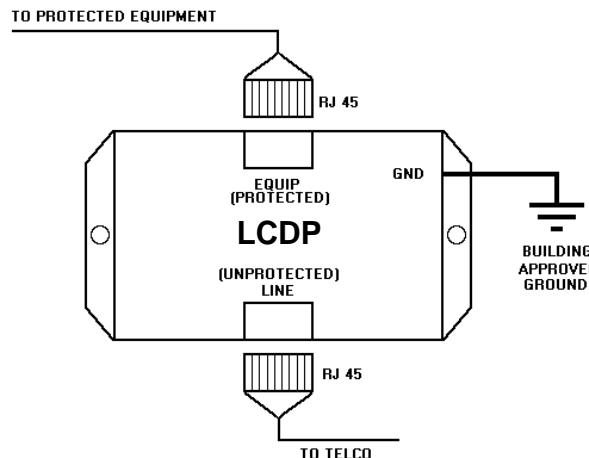
Silicon Avalanche Design
Line-to-Ground Protection

SPECIFICATIONS

Part Number	Connector Type	Peak Surge Current (10x1000µs)	DC Breakover Voltage	Typical Capacitance
LCDP-008	RJ-45	125A	8V	< 30pf
LCDP-015	RJ-45	72A	15V	< 30pf
LCDP-030	RJ-45	22A	30V	< 30pf
LCDP-060	RJ-45	18A	60V	< 30pf
LCDP-POE*	RJ-45	15A	75V	< 30pf

INSTALLATION

- A. Never install data wiring during a lightning storm.
- B. Disconnect data line before installing the protection module.
- C. These protectors are intended for indoor use on communication loop circuits which have been isolated from the Public Switch Telephone Network.
- D. The communication loop circuits shall not be exposed to accidental contact with the electric light or power conductors. The protectors shall be installed per the applicable requirements of the National Electric Code, ANSI/NFPA 70.



The user equipment plugs into the **LCDP's** equipment (protected) side, and the **LCDP's** line (unprotected) side is connected to the incoming line. All 8 conductors are protected.

The green ground wire must be bonded to the protected equipment power ground (third wire, green wire safety ground).

Do not add length to the ground wire, for it must be kept as short as possible. For proper grounding methods, refer to **EDCO Technical Bulletin #1090.**



NEED HELP? Call 1-800-648-4076

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