

SOLUTIONS BY



MISSION CRITICAL FACILITIES
DESIGN AND CONSTRUCTION

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• 1 Year Warranty •



Data/ Signal Line Protection

CVS LCDP Series- Data Circuit Protection

Features

- Designed to conveniently protect 8 wires; low voltage data circuits and employs two RJ-45 jacks for easy installation.
- <1 Nanosecond Response Time
- Low capacitance and Silicon Avalanche Design
- RJ-45/4 Pair Protection (8 Wire)
- Comes with one year warranty include labour and parts

General Technical Specifications

Operating Voltage	5,12,24,48,65 VDC
Clamping Voltage	8,15,30,60,75 VDC
Operating Current	1.5 A
Peak Surge Current (10 x 1000µs)	0.008 = 125 A, 015=72A 030= 22A, 060=18A, POE*=15A
Frequency Range	0 to 100 MHz
Insertion Loss	<0.1 dB at 50 MHz
SPD Technology	Silicon Avalanche Diode (SAD)
Connection Type	RJ-45 Jacks
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.0H x 2.5W x 4.25L
Weight	3 Oz
Certifications	UL 497B (*except LCDP-POE)

Ordering Information

LCDP-008	8 Volts
LCDP-015	15 Volts
LCDP-030	30 Volts
LCDP-060	60 Volts
LCDP-POE	75 Volts

*Specification subjects to change without prior notice

Installation

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

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