

HyperLink Wireless brand Compact and Weather Resistant RS-422/RS-485 Lightning Surge Protector Model: AL-D4W-05



Features

- RS-422 / RS-485 protection
- Protection of two full duplex RS-422 data lines or four half duplex RS-485 data lines
- Screw terminal blocks
- Impact and weather resistant
- Locking hinged cover

Description

High voltage transients caused by lightning strikes have the ability to easily destroy semiconductor junctions, and thus, cause equipment failure and loss. A lightning strike close to data lines can also cause induced ground currents that can also do serious damage. The AL-D4W-05 high performance lightning protector provides superior protection of RS-422, RS485 or other 5-volt data lines these transients or surges.

The low capacitance diode array assures that the RS-422/485 signals will not be degraded by the suppressor. This is in comparison to protectors based on high capacitance TVS diodes. The unit will protect two full duplex RS-422 data line or four half duplex RS-485 data lines. For more complete protection, two units should be used, one on each end of the line.



The compact weather resistant housing features a lockable hinged cover and break-away holes are provided on the rear of the enclosure for mounting. The cable grommet may be adjusted to cable size and are removable.

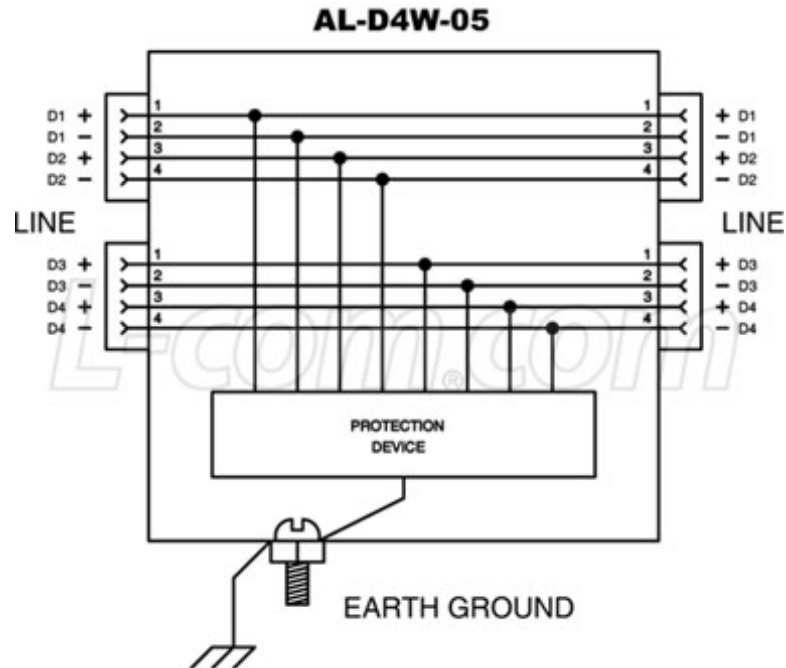
Specifications

Electrical Specifications

Applications	RS-422/485
Connections	(4) Screw Terminal Blocks
Clamping Voltage	+ or - 7.5 Volts

Mechanical Specifications

Enclosure Material	PVC
Enclosure Color	Gray
Ground Lug	12 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.27 lbs. (.12 kg)
Dimensions (WxHxL)	3.06 x 1.93 x 4.06 (inches) 78 x 49 x 103 (mm)



OEM or Custom Versions

Contact Hyperlink for OEM or custom versions of the protector for use with DSL, Telephone or Industrial Control lines. The unit can protect up to 4 differential or 8 single ended lines. The unit can also be supplied with 110 Punch Down Terminals.

Guaranteed Quality

This product is backed by L-com's Limited Warranty.