

HyperLink Brand Weather Resistant Single Stage DC Control Line Lightning and Surge Protector - Model: AL-D8-xxDCW

Applications

- DC Control Lines

Features

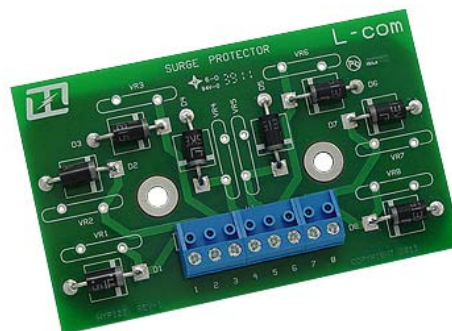
- Transient Voltage Suppression (TVS) Diode Protection
- Standard models for 5V, 12V, 24V and 48V DC applications
- Removable screw terminal strip
- Impact and weather resistant enclosure with locking hinged cover



Description

The AL-D8-xxDCW series lightning surge protectors provides superior protection of DC control lines from transients and surges. These units will protect 8 individual single ended DC control lines. The design incorporates uni-polar Transient Voltage Suppression (TVS) Diodes rated at 1500 Watts (2000 Watt TVS Diodes are available on special orders). The unit limits the positive voltage swing on the line to the TVS Diode voltage rating. These units are designed to be connected to the lines to be protected and ground. Grounding lugs provide tie points for earth ground.

These units feature a weather resistant housing featuring a lockable hinged cover and mounting holes are provided on the rear of the enclosure for mounting. The two cable grommets may be adjusted to cable size and are removable.



Standard Models

Model: AL-D8-05DCW	Application: 5V DC Control Lines
Model: AL-D8-12DCW	Application: 12V DC Control Lines
Model: AL-D8-24DCW	Application: 24V DC Control Lines
Model: AL-D8-48DCW	Application: 48V DC Control Lines

Specifications

Electrical Specifications

Models	AL-D8-5DCW	AL-D8-15DCW	AL-D8-24DCW	AL-D8-48DCW
Lines	8			
Connectors	(1) Removable Screw Terminal Strip			
TVS Diode*	6.8 Volt, 1500 Watt	15 Volt, 1500 Watt	30 Volt, 1500 Watt	56 Volt, 1500 Watt
*5000 Watt rated TVS Diodes available on special orders.				

Mechanical Specifications

Enclosure Material	Polycarbonate
Enclosure Color	Gray
Grounding Lug	(2) 12 AWG Max.
Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Weight	.40 lb. (.18kg)
Dimensions	4.75 x 4.06 x 2.81 in (120.6 x 103.1 x 71.3 mm)
RoHS Compliant	Yes

