

## Weatherproof Load Cell, RTD Surge Protector - Model: AL-LC-30

### Applications

- Load cells
- Weighbridges
- 3 and 4 wire RTD sensors
- Strain gauge sensors
- Truck stop weigh stations

### Features

- Protects signal, supply and shield lines
- Reliable gas discharge tube protection
- Gasketed cover and concealed mounting holes
- Removable screw terminals
- Ground clamp provided on outside of enclosure



(Shown with cover removed)

### Description

The AL-LC is a high performance single stage lightning and surge protector that provides superior protection for devices such as load cells, weighbridges, resistance temperature detectors (RTD) and strain gage sensors. These types of devices contain sensitive and fragile components that can be easily damaged by lightning and power surges. The AL-LC provides protection to the signal lines, excitation lines, sense lines and shield lines.

This protector features a weatherproof ABS enclosure with gasketed cover and concealed mounting holes. Removable screw terminal strips are provided on the input and output for convenience. A ground clamp provides a tie point for earth ground.



### Specifications

#### Electrical Specifications

<b>Connections</b>	(2) Removable Screw Terminals
<b>Clamping Voltage</b>	± 90 volts

#### Mechanical Specifications

<b>Enclosure Material</b>	Dark Gray ABS
<b>Ground Lug</b>	10 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	.5 lbs. (.22 kg)
<b>Dimensions</b>	4.6 x 3.06 x 2.17 (in) 116 x 77.7 x 55 (mm)
<b>RoHS Compliant</b>	Yes

