

Surge Protective Device

Technical Documentation



The **ASCO Model 144** is a 2 loop protection module which simply plugs into a standard AMP 6 - position socket (# 2-530666-1).

This unit addresses over voltage transients on both Common and Differential modes with state-of-the-art silicon breakover devices. Model 144 is intended for all popular makes of loop detectors presently on the market.

Installation and service should be performed by qualified technicians or service personnel.

Key Specs

- **Voltage:** 0-75 VDC
- **Connection/Mounting:**
Amp 6-Position Socket

**See Ordering Information for model number selection*

General Technical Specifications

Operating Voltage	75 VDC
Clamping Voltage	130 VDC
Peak Surge Current	250 A
SPD Technology	Silicon Breakover Device
Connection Type	Standard AMP 6-Position Socket
Operating Temperature	-40°C to +85°C
Dimensions (in/mm)	1.125" H x 0.5" W x 1.25" L [28.6 x 12.7 x 31.8 mm]
Weight (oz/kg)	0.4 oz [0.03 kg]

Caution

This product could become excessively hot and rupture in the rare event of power line conditions or surge that exceed its rated operating specification. Appropriate precautions should be exercised. High voltages are present on electrical termination. Unit should be serviced by qualified personnel only.

DANGER!

Only qualified personnel should install or service this system. Electrical safety pre-cautions must be followed when installing or servicing this equipment. To prevent risk of electrical shock, turn off and lock out all power sources to the unit before making electrical connections or servicing.

Seulement le personnel qualifié doit installer ou maintenir ce système. Des précautions de sécurité en électricité doivent être suivies lors de l'installation ou de la maintenance de cet équipement. Pour éviter tout risque de choc électrique, débranchez et verrouillez toutes les sources d'alimentation de cet équipement avant de.

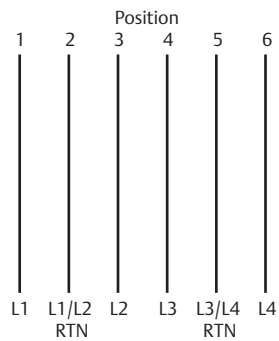
Features

- Multi-stage Hybrid Protection
- Line to Line Protection
- Low Capacitance Option
- Plug-in Module
- Fast Response Time
- 5 year warranty

Installation Instructions

- One Model 144 is used for each two loop detectors to be protected.
- Units are installed as close as practical to the point where the detector loop wires enter the controller cabinet.

Pin Out Configuration



Ordering Information

MODEL

Former Model Name

APPLICATION

144D150S01KMB6NO

Edco SRA-2LP

2 Loop Protection Module for
Amp 6-Position Socket