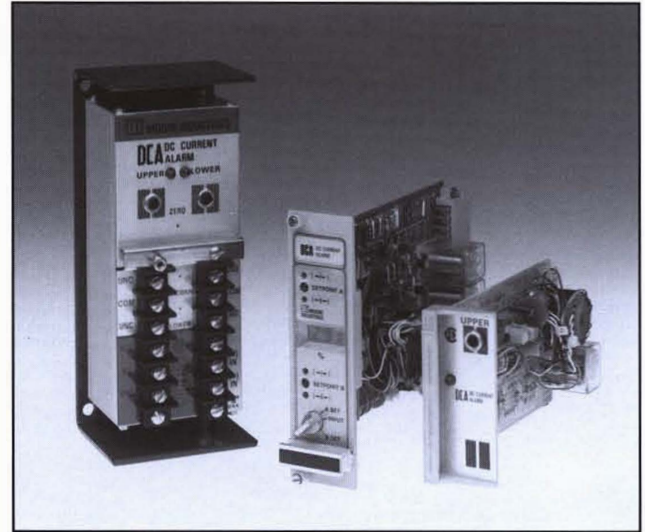


Description

Moore Industries' popular DCA Direct Current Alarm accepts a current or voltage input from a temperature, pressure, level or flow transmitter or other current or voltage source. When the input value falls outside of a fully-adjustable preset limit, the DCA outputs a contact closure signal ideal for indicating a high and/or low condition via a bell, buzzer, light or other device. A bright LED on the front panel indicates when an alarm condition has occurred.

Highly accurate to within $\pm 0.1\%$ of span, the DCA is offered in both single and dual alarm models. The dual alarm models allow configuration of two separate trip points per module (High/Low, High/High or Low/Low). On both single and dual alarm models, trip points are easily set using potentiometers conveniently located on the unit's front panel.

Valuable Options-Adding to its versatility, the DCA can be ordered with a variety of options including: a deviation alarm trip (-DA) that allows the unit to accept signals from two sources and alarm according to the magnitude of their difference; a tenturn lockable dial with a vernier scale (-TT) that simplifies trip point adjustment; alarm response delay (-AR) of between 1 and 30 seconds (factory set); dual input (-DI) that provides two separate alarm trips per unit; and superior RFI/EMI protection (-RF). For a complete listing of available options, see Options under Ordering Specifications on the back page.



The DCA's easy-to-install surface-mount and high-density plug-in card housings are ideal for control room applications. A field-mount enclosure is also available.

Features

- **Wide range of inputs.** The DCA accepts all standard current and voltage inputs from almost any temperature, pressure, level, or flow transmitter and many other current or voltage sources.
- **Industry standard.** Thousands of DCAs are counted on worldwide to provide reliable and accurate performance in a wide variety of process applications.
- **Versatile mounting.** The DCA's broad selection of control room and field mounting options permit fast and simple installation in nearly any environment.
- **Complete isolation.** Prevents false alarms due to ground loops.

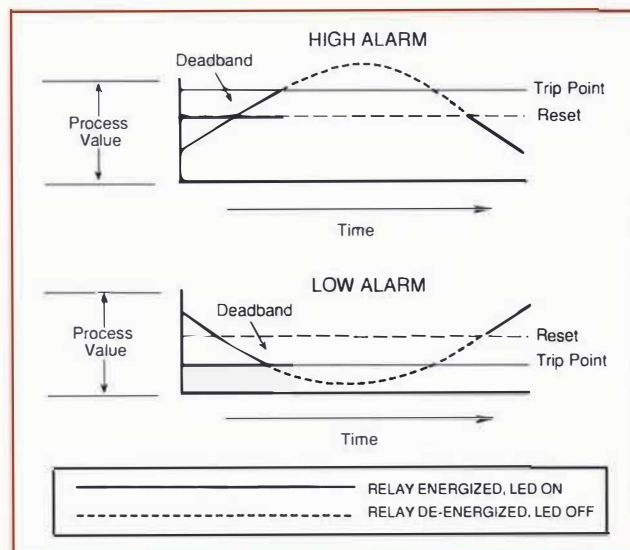


Figure 1. Normal Failsafe High and Low Alarm Configuration.

Certifications



CSA, General Locations; Hazardous Locations.
Class I, Groups C and D

City of Los Angeles, General Locations

