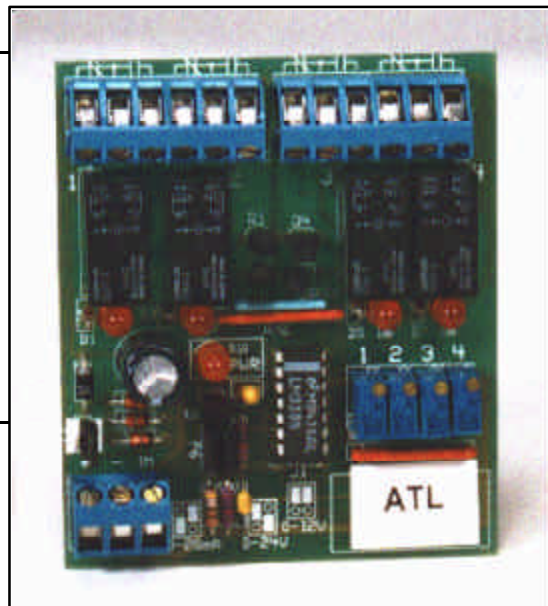


FEATURES

- Four Form C Relay Outputs
- Field Adjustable Trip Levels
- Two optional deadbands (specify on order)
- LED Status Indicator for each relay
- Up to 16 ATL'S can be cascaded together
- Compact and Economical
- Snap Track Mounted

APPLICATIONS

- Alarms
- Sequencers
- Analog To Digital Conversion
- Level Indicators
- Environmental Control



PRODUCT DESCRIPTION

The ATL accepts an analog voltage or current input signal and controls four relays. Each relay has an adjustable trip point which is set by a multi-turn trimmer potentiometer. Each relay is activated when the input signal is equal to or greater than the trip point setting. The relays

deactivate when the input signal is less than the trip point. Common (C), Normally Open (NO) and Normally Closed (NC) terminals are available at each relay. The ATL has LED indicators for power and for the status of each relay. By using voltage divider applications, the ATL can also accept a resistance input.

ORDERING INFORMATION

Specify: **ATL and 3%, 10%, or 1% deadband** - see page two for actual values

SPECIFICATIONS

Electrical Requirements

Power Supply

Supply Voltage

Regulated 24 Volts AC or DC
22 to 28 Volts at ATL terminals

Supply Current

180 mA max

Input

Voltage Range/Input Impedance

Three selectable input ranges:
0 to 12 VDC / 10,000,000 ohms
0 to 24 VDC / 20,000 ohms
0 to 20 mA / 500 ohms

Deadband

Input Signal	Deadband/Selections		
	3% (STD)	10% (opt)	1.0% (opt)
0-12Vdc	0.33v	1.0v	0.1v
0-24Vdc	0.66v	2.0v	0.2v
0-20mA	0.66mA	2.0mA	0.2mA

Mechanical Requirements

Relay Contacts

Type	Form C, Gold-clad silver
Rating	2 amp max. resistance @ 24 volts
Electrical Life	100,000 operations @ 1 amp
Mechanical Life	10 million operations

Connections

Wire Size	Up to one 14 gauge maximum
Terminal Type	45°, Captive screw, moving clamp design in nickel plated copper alloy

Dimensions

Weight	3.2 oz
Mounting	Furnished with a 2.75" length of 3.25" wide snap track

Environmental Requirements

Operating Temperature	32 to 120 deg F
Storage Temperature	-20 to 150 deg F
Operating Humidity	10 to 95% non-condensing

Specifications may change without notice to improve product performance.

Call for Other Calibration Ranges and Versions.

If you have a different application or need, please call 1-800-886-2281 and discuss your needs with our Sales Engineers.