



Product Data

ATL

Analog Current / Voltage to Four Adjustable Trip Level Relay Outputs

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. The ATL can also accept a resistance input by using voltage divider applications.

The ATL is covered by ACI's Two (2) Year Limited Warranty, which is located in the front of ACI'S SENSORS & TRANSMITTERS CATALOG or can be found on ACI's Website, which is: www.workaci.com.

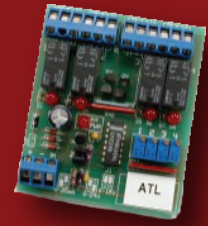
Specify: **ATL**
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 () (3% deadband)
 DB-1% (1% deadband)
 DB-10% (10% deadband)

Product Specifications

Supply Voltage	Regulated 24 Volts AC or DC 22 to 28 Volts		
Supply Current	180mA max		
Voltage Range/Input Impedance	Three selectable input ranges: 0 to 12VDC / 10,000,000Ω 0 to 24VDC / 20,000Ω 0 to 20mA / 500Ω		
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
Relay Contacts	Type Rating Electrical Life Mechanical Life	Form C, Gold-clad silver 2 amp max. resistance @ 24 volts 100,000 operations @ 1 amp 10 million operations	
Operating Temp/RH	32 to 120° F (0 to 48.9° C) / 10 to 95% non condensing		
Approval	RoHS		

Wiring Diagrams available at www.workaci.com

Interface Devices



Attributes:

- 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 included

Applications:

- Alarms, Sequencers, Pumps, Staging Fans, Compressors or heaters
- Analog to digital conversion
- Level indicators
- Environmental control



Made in the USA

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