ATL

Input | Analog | Output | Relay

Analog to Relay

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 potentiometer. Each relay is activated when the input signal is equal to, or greater than, the trip point setting. Relays deactivate at trip point less the deadband (3% standard, 1% & 10% optional). Common (C), Normally Open (NO), and Normally Closed (NC) terminals are available at each relay. The ATL is field calibratable, however, factory calibration is available upon request.

The ATL is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.

Specifications

Supply Voltage	Regulated 24 Volts AC or DC 22 to 28 Volts		
Supply Current	180 mA maximum		
Input Voltage Range/Input Impedance	0 to 12 VDC/10,000,000Ω	0 to 24 VDC/20,000Ω	0 to 20 mA/500Ω
Input Signal (0-12 VDC)	Deadand 3%: 0.33V (Standard)	Deadand 10%: 1.0V	Deadand 1.0%: 0.1V
Input Signal (0-24 VDC)	Deadand 3%: 0.66V (Standard)	Deadand 10%: 2.0V	Deadand 1.0%: 0.2V
Input Signal (0-20 mA)	Deadand 3%: 0.66 mA (Standard)	Deadand 10%: 2.0 mA	Deadand 1.0%: 0.2 mA
Relay Contacts (Type)	Form C, Gold-clad silver		
Relay Contacts (Rating)	2A maximum resistance @ 24 volts		
Relay Contacts (Electrical Life)	100,000 operations @ 1A		
Relay Contacts (Mechanical Life)	10 million operations		
Operating Temp/RH	32 to 120ºF (0 to 48.9ºC)/10 to 95% non condensing		
Product Dimensions	(L) 2.25" (W) 3.25" (H) 1.00"		

Ordering

Please select ATL as an Interface Device (A) and one Deadband (B).

A Interface Device	B Deadband
○ **ATL** (Analog to Relay)	○ **----** (3%) (Standard
	○ **1%**
	○ **10%**

Build your part number

After completing (A) & (B) from the above table, fill in the Part Number Table below. An example part number is offered.

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A		B

EXAMPLE: ATL - 3%

RoHS COMPLIANT 2002/95/EC