

AXTracker Input Delay Module

Description

The AXTracker Input Delay Module will accept four dry contact inputs and apply a selectable recognition time before tripping the corresponding output. The recognition time can be individually programmed for either 3 seconds, 1 minute, 5 minutes, or 10 minutes. A pushbutton is also available to check the alarm status of the outputs. When depressed, four leds will light up to indicate the alarm status (green=OK, red=alarm) of each input. The led will only turn red if the input has been in the alarm state for the duration of the recognition time. Once the input changes back to normal the LED will change to green. If a low battery is detected (battery < 3.0V) the module will activate all four outputs.

Dip Switch Settings

There is a section of dip switches for each channel. The first switch of each section configures the input for either Normally Open or Normally Closed. The next two switches labeled A & B set the recognition time. The table below lists the recognition time settings:

	<u>Switch A</u>	<u>Switch B</u>
3 seconds	Off	Off
1 minute	Off	On
5 minutes	On	Off
10 minutes	On	On

Specifications

Inputs Types: Normally Open/Normally Closed

Input Conditioning: 3M Ω resistor to 2.5V

Output: Open-Drain transistor, 5V max, on resistance 130 Ω

Indicators: 4 dual color LEDs (Green=OK, Red=Alarm)

Power Consumption: 5 μ A (LEDs off)

Battery Type: 3.6V Lithium (Tadiran TL-2100/S or equivalent)

Battery Life: 7 years

Operating Temperature Range: -40 to +85 deg C (-40 to 185 deg F)

*(Note: Pushbutton on rev A prototype rated -20 to 70 deg C)

Operating Humidity Range: 0 - 90% RH, non-condensing

Dimensions: 4.8" x 3.3" x 0.8"

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