



# TOB

## *Dual Triac Output Booster*

The TOB will accept up to two separate signals from AC TRIAC outputs, or DC sources, and provide up to two TRIAC outputs each capable of driving a 2.5A load. Each output TRIAC is activated for the time that the signal is applied to the input. The TOB provides isolation between the input and output circuits as well as the two identical circuits.

The TOB 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 web site, which is: [www.workaci.com](http://www.workaci.com).





**SPECIFICATIONS**

<b>Input Type</b>	High (HI)	Impedance (Nom.)
<b>AC (TRIAC) High</b>	>20 to 26 VAC	414Ω
<b>DC High</b>	>20 to 35 VDC	2.5KΩ
<b>AC (NON-TRIAC) High</b>	>20 to 28 VAC	414Ω
<b>Input Type</b>	Low (LO)	Impedance (Nom.)
<b>AC (TRIAC) Low</b>	12 to 20 VAC	274Ω
<b>DC Low</b>	5 to 20 VDC	1.25KΩ
<b>AC (NON-TRIAC) Low</b>	12 to 20 VAC	274Ω

**ORDERING**

<b>Triac (Two Channels)</b>	24-120 VAC, 2.5A load max at 24 VAC (equivalent of a 60 VA load) or 120 VAC (equivalent of a 300 VA load)
<b>Triac Voltage Drop</b>	1.2 VAC (nominal)
<b>Isolation</b>	Electrical isolation from input to output and between circuits up to 7500 VAC peak
<b>Operating Temp/RH</b>	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing

**ORDERING**

Please select TOB as an Interface Device (A). Choose an Optional Accessory (1) if desired.

**A** Interface Device

**TOB** (Dual Triac Output Booster)

**1** Optional Accessories

- (None)
- ENC1** (ENC1 Enclosure)

**BUILD PART NUMBER**

After completing (A) from the above table, fill in the Part Number Table below. (1) is an Optional Accessory. An example part number is offered.

EXAMPLE: TOB <sup>A</sup>

EXAMPLE: ENC1 <sup>1</sup>