



TOB

Dual Triac Output Booster



The TOB will accept up to two separate signals from up to two 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.

Applications: Electric Actuator Control, Replaces Noisy Mechanical Relays, TRIAC Isolation

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 website, which is: www.workaci.com.

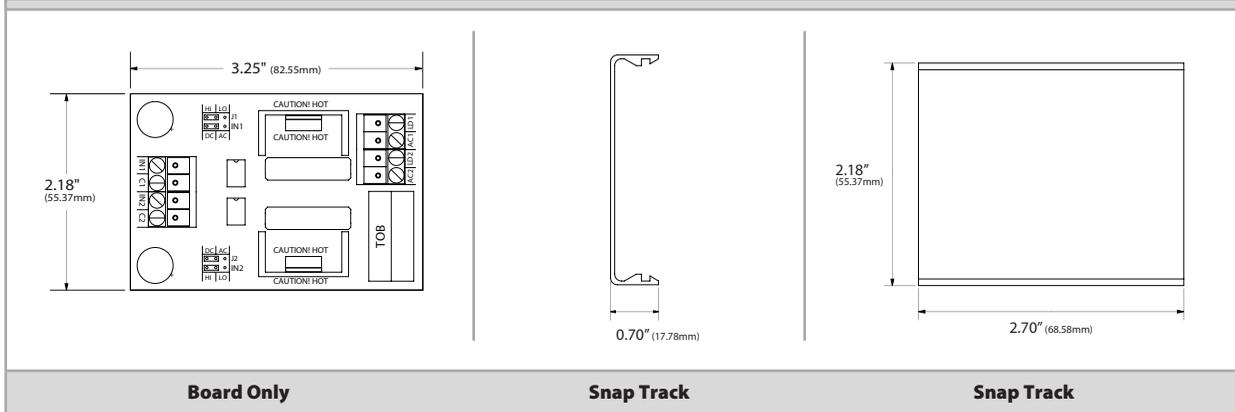
PRODUCT SPECIFICATIONS

Input Type (AC (TRIAC) High):	>20 to 26 VAC Impedance (Nom): 414Ω
Input Type (DC High)	>20 to 35 VDC Impedance (Nom): 2.5KΩ
Input Type (AC (NON-TRIAC) High):	>20 to 28 VAC Impedance (Nom): 414Ω
Input Type (DC Low):	5 to 20 VDC Impedance (Nom): 1.25KΩ
Triac (Two Channels) Output:	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)
Triac Voltage Drop:	1.2 VAC (nominal)
Isolation:	Electrical isolation from input to output and between circuits up to 7500 VAC peak
Operating Temperature Range:	35 to 120°F (1.7 to 48.9°C)
Operating Humidity Range:	10 to 95% non-condensing
Connections:	90° Pluggable Screw Terminal Blocks
Wire Size:	16 (1.31 mm ²) to 26 AWG (0.129 mm ²)
Terminal Block Torque Rating:	0.5 Nm (Minimum); 0.6 Nm (Maximum)
Storage Temperature:	-10 to 150°F (-23.3 to 65.5°C)
Snaptrack Material:	Polyvinyl Chloride (PVC)
Snaptrack Flammability Rating:	UL94 V-0
Product Dimensions:	(L) 3.25" (W) 2.18" (H) 1.70" (82.55 x 55.37 x 43.18 mm)
Product Weight:	0.22 lbs. (0.099 Kg)
Agency Approvals:	RoHS2, WEEE





DIMENSIONAL DRAWING



STANDARD ORDERING

Model # Example: **TOB** -OR- **127753**

Model #	Item #	Description
TOB	127753	Dual Triac Output Booster

ACCESSORIES

Model # Example: **A/DO008** -OR- **142583**

Model #	Item #	Description
A/DO008	142583	Transient Voltage Suppressor, Bi-directional, 56 VAC/DC, 1500W
A/DRC 2.7 X 2.18	142626	DIN Rail Adapter Kit
ENC1	102472	20 Gauge Metal Enclosure, Designed to Hold Interfaces Products