

# TRIPLETT TB Series

## TBS-51 Square LED Bargraph Indicator with Arched Bar

## TBSD-51 Square LED Bargraph Indicator with Arched Bar and Digital Display

The TBS-51 is a simple indicator with a 51 segment, arched LED bar. The TBSD-51 has a 4 digit display along with the LED bar. The bar is available in Red, Green or Tri-Color with matching digital display. (Tri-Color units have Red digital display) The TBSD-51 is available with 4 front panel programmable Relays.

**POWER SUPPLY**  
Indicator Only (TBS-51)  
110 VAC (Std) ..... 3 VA  
220 VAC ..... 3 VA

With Digital Display (TBSD-51)  
110 VAC (Std) ..... 3.5 VA  
220 VAC ..... 5 VA

**INPUT RANGES & IMPEDANCE**  
0 - 1 mA DC ..... 200 ohms  
4 - 20 mA DC ..... 10 ohms  
1 - 5 V DC ..... 250 K ohms  
0 - 10 V DC ..... 250 K ohms

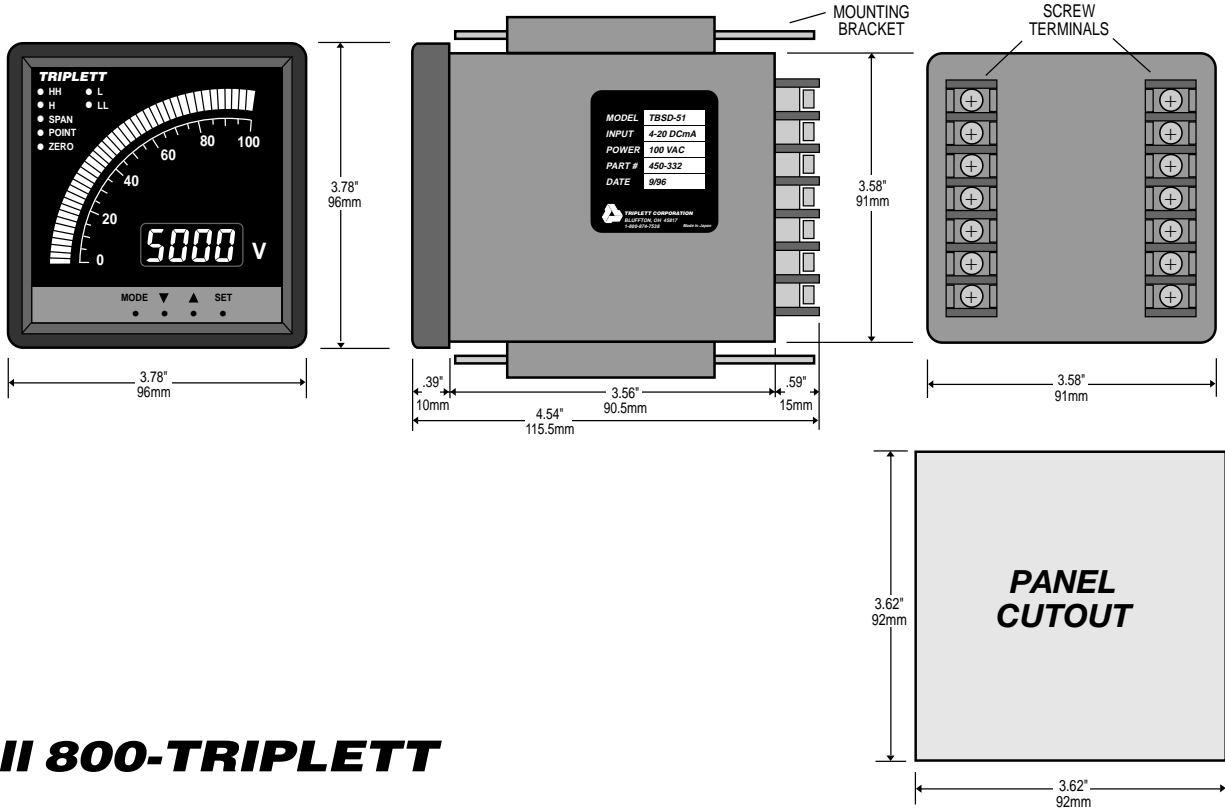
DISPLAY .....	Arched, 51 Segment LED Bar
DIGITAL DISPLAY (Optional) .....	4 Digit, 0 to 9999
RELAYS (Optional) .....	2 or 4
CASE DIMENSIONS .....	96mm W x 96mm H x 115.5mm D
PANEL CUTOUT .....	92mm x 92mm
WEIGHT .....	500 g
BAR COLORS .....	Red, Green or Tri-Color
DIGITAL DISPLAY COLORS .....	Red, Green
ACCURACY .....	±2.5%, 1 Segment; ±0.5%, 1 Dig.
OPERATING TEMP. ....	TBS-51 -5 to +60° C
	TBSD-51 0 to +45° C
STORAGE TEMPERATURE .....	-40 to +70° C
RESPONSE TIME .....	500 ms
SAMPLING PERIOD .....	3.3/sec
INPUT ADJUSTMENT .....	Span: 10% of max. reading Zero: 10% of max. reading
RELAY RATING .....	125V - 0.5A AC (Resistive)
DIELECTRIC WITHSTAND .....	AC 2000V for 1 minute case to circuits
INSULATION RESISTANCE .....	DC 500V, 10M-Ohms between circuits and case



The TBS-51 & TBSD-51's are available in a wide variety of configurations ranging from a simple bar indicator to a front panel programmable controller with 4 Relays and a Tri-Color Bar.



### Dimensions & Panel Cutouts



**Call 800-TRIPLETT**