

Through advanced circuit design and packaging technology, the ON-Delay ATC 313 packs all of the performance of a conventional plug-in TDR in a space-saving housing. It features a digital timing circuit which ensures high repeat accuracy and excellent noise immunity.

**MINIATURE HOUSING:** You can mount several ATC 313 timers in the same space as a single conventional TDR.

**DIGITAL ACCURACY:** A custom C-MOS integrated circuit accurately measures the dial-adjustable delay by counting the output of an internal oscillator. Repeat accuracy remains high even with variations in voltage, temperature and reset time.

**STATUS INDICATORS:** Two LEDs clearly indicate the operational status of the 313: one is energized when power is applied; the other is off during the delay period and on at time-out.

**INDUSTRIAL QUALITY:** With a load relay capable of switching 7A resistive loads and a C-MOS design that protects components against noise and voltage transients, the 313 is built for industrial use.



Plug-In Adjustable TDR

**SPECIFICATIONS**

<b>4 RANGES</b> (AND MINIMUM SETTINGS)	0.1 - 1.0 SEC.
	0.5 - 10.0 SEC.
	3 SEC. - 1 MIN.
	30 SEC. - 10 MIN.
<b>LOAD RELAY</b>	TYPE 2 Form C
	LIFE AC 50,000,000 operations (no load)
	LIFE DC 100,000,000 operations (no load)
<b>TEMPERATURE RATING</b>	15° to 120°F (-10° to 50°C)
<b>CONTACT RATING</b>	7A resistive 1/10 HP at 120V
<b>MOUNTING</b>	Plug-in optional surface-mounting socket with screw terminals; optional PC board mount socket and wire wrap
<b>POWER REQUIREMENTS</b>	120 VAC 80 to 132V, 50/60 Hz, 20 mA
	240 VAC 160 to 242V, 50/60 Hz, 13 mA
<b>SETTING ACCURACY</b>	± 10% of range at full scale
<b>REPEAT ACCURACY</b>	± 1% of setting or 10 ms when temperature and voltage are constant
	± 7% of setting when temperature and voltage change within specified operating limits
<b>RESET TIME</b>	0.1 SEC during timing and at least 15 ms after time out
<b>HOUSING</b>	Dust, moisture and impact-resistant molded polycarbonate
<b>WEIGHT</b>	NET: 2 oz. SHIPPING: 4 oz.

**MODEL NUMBER**

<b>MODEL NUMBER</b>	313B	10			
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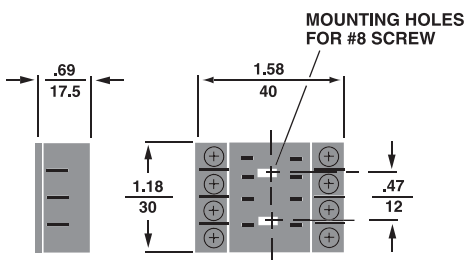
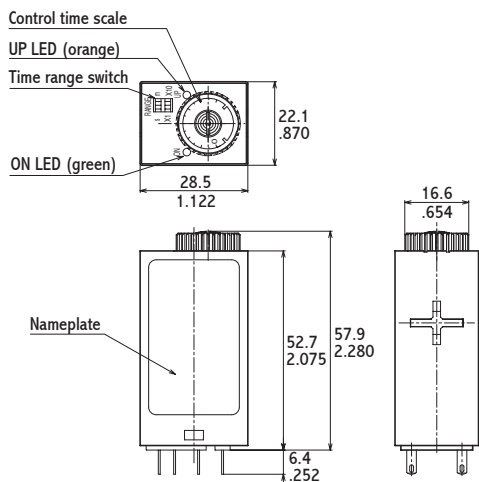
<b>VOLTAGE &amp; FREQUENCY</b>	120 VAC, 50/60 Hz	Q		
	240 VAC, 50/60 Hz	R		

<b>ARRANGEMENT</b>	On-Delay	1	
	Special	0	

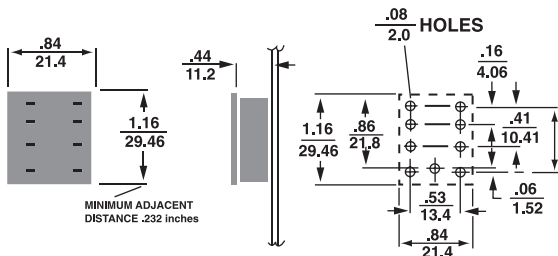
<b>FEATURES</b>	Standard	X
	Special	K

<b>ACCESSORIES</b>	Surface Mounting Socket	000-825-81-00
	PC Board Socket	000-825-82-00

**DIMENSIONS**

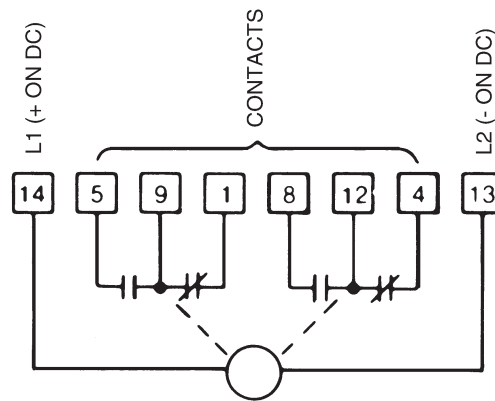


Optional Surface mounting Socket



Optional Socket for PC Boards

**WIRING**



**TERMINAL WIRING**

