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

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

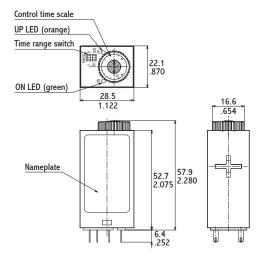
MODEL NUMBE		MO	DEL	NUN	MBER
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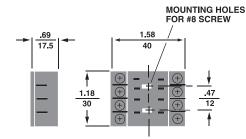
MODEL NUMBER	313B	10			
VOLTAGE & FREQUEN	ICY				
120 VAC, 50/60 Hz Q			Q		
240 VAC, 50/60 Hz			R		
ARRANGEMENT					
On-Delay				1	
Special				0	
FEATURES					
Standard				Х	
Special					K

ACCESSORIES

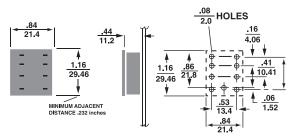
Surface Mounting Socket	000-825-81-00
PC Board Socket	000-825-82-00

DIMENSIONS





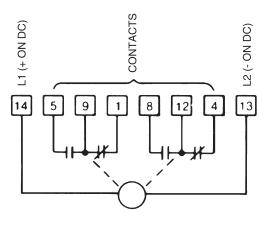
Optional Surface mounting Socket



Optional Socket for PC Boards

WIRING





TERMINAL WIRING

