An economical solid-state TDR with octal plug-in base, the 339 maintains excellent repeat accuracy despite wide voltage and temperature variations/ even after long periods of down-time. Two models are available. Each has six dial selected ranges from fractions of a second to as long as 10 hours. Each model has a selectable on-delay or interval timing mode.

wide choice of ranges: In addition to the short ranges expected of an electronic TDR, the 339 is also available with ranges as long as 10 hours. An unusually versatile timer, the 339 has six dial-selected ranges—from 0.3 seconds to 3 hours or 1 second to 10 hours—and provides dial-adjustable timing periods between 0.075 seconds and 10 hours. A single 339 model thus accommodates the needs of a wide range of applications, allowing the user to select easily and precisely—an appropriate range to permit optimum setting accuracy. The dial face automatically displays the selected range.

CYCLE PROGRESS INDICATION: The 339's LED annunciator provides a unique and effective method of cycle progress indication. Off before timing, the LED blinks at an ever-increasing rate as the cycle progresses; once every 3-1/2 seconds during the first 10% of the cycle, twice during the second 10%, and so on. At time-out, the LED stays on constantly, pulsing at a high rate. (In the 1 and 10-second ranges, the LED is off before timing, steady on during timing, and pulsing on after time-out.)

HIGH ACCURACY: The 339's timing circuit is not a simple RC circuit, but includes counting technology along with a stable oscillator to provide repeatable time delays.

MULTIPLE TIMING MODES: Every 339 can be used for either on-delay or interval timing operation. The timing mode is selectable by a switch on the 339 housing.

OPERATION

Timing begins when the start switch is closed. This starts an oscillator which runs at a frequency determined by the time setting. A fixed number of counts from the oscillator determines the end of the time cycle. The time required to accomplish this depends on the oscillator frequency. During timing, a LED located on the dial face blinks. For the first ten percent of the cycle, the LED repeatedly blinks once followed by a pause, for the second 10%, it blinks twice and so on indicating the cycle progress. It flashes rapidly and continuously after time out.

ON-DELAY MODE: At time out, the built-in relay transfers its contacts. These contacts remain transferred until the start switch is opened or power is removed by some other means. The 339 then resets and is ready for another cycle.

INTERVAL MODE: When timing begins, the built-in relay transfers its contacts. The contacts remain transferred until time out. The timer will not start again until the start switch is opened or power is removed by some other means. The 339 then resets and is ready for another cycle.









Plug-In Adjustable Time Delay Relay

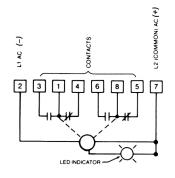
MODEL NUMBER

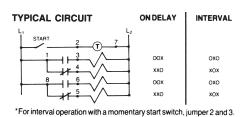
MODEL NUMBER	339B				
RANGE					
Six dial-selected	l ranges	359			
(.3 or 3 SEC, MI	N, HR)				
Six dial-selected		200			
(1 or 10 SEC, M	IN, HR)				
VOLTAGE & FREQUE	NCY				
120 VAC, 50/60	Hz		Q		
240 VAC, 50/60	Hz		R		
24 VAC, 50/60 I	Hz, 24 VD	C	T		
12 VDC			Е		
ARRANGEMENT					
ON-Delay, Interv	al Mode			2	
Special				0	
FEATURES					
Standard					Х
Special					K

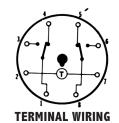
ACCESSORIES

8-Pin surface/DIN rail socket	000-825-85-00
Hold down for above socket	339-025-03-00
(2 required)	
Plug-in socket kit (8-pin)	319-261-45-00

WIRING

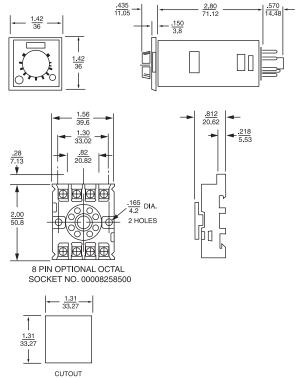






SPECIFICA	TIONS		
MODELS	Choice of two multi-range units. All models operate in on-delay or interval mode.		
RANGES	Choice of two models Six dial-selected ranges:1.0 and 10 SEC, MIN, HR or 0.3 and 3 SEC, MIN, HR		
MINIMUM SETTING	3% of range, except 75 mSEC on 0.3 SEC and 1.0 SEC ranges.		
LOAD RELAY	TYPE	DPDT 10 AMPS resistive at 30 VDC or 250 VAC (or less) 1/8 HP @120 VAC	
	LIFE	10 million operations with no load 100,000 operations with:10 AMPS at 30 VDC (or less) or 10 AMPS at 250 VAC (or less)	
	CONTACT MATERIAL	Silver Nickel	
TEMPERATURE RATING	0° to 140	°F (-17° to 60°C)	
MOUNTING	retaining	ctal base; mounts in any position with clips. Surface mounting socket DIN rail mounting socket Panel-mounting adapter kit Plug-on socket Rear facing terminal socket.	
POWER REQUIREMENTS	120 VAC 240 VAC	Inrush4A Running025	
	24 VAC/D0	19.2 - 26.4 VAC/DC Inrush4A Running075A 9.6 - 13.2 VDC Inrush25A Running10A	
REPEAT ACCURACY	but not of a ±0.5 (or ± 1% range c ± 1.5 range	a function of line voltage and temperature i reset time % at constant temperature and voltage. 15 mSEC whichever is greater) 6* at constant voltage and full temperature e. (or ± 25 mSEC which ever is greater) 5%* at constant temperature and full voltage e. (or ± 25 mSEC whichever is greater) 6* over full voltage and temperature range.	
	(or ± 30 mSEC, which ever is greater) *Variations of line voltage must be within 95 and 132V; of temperature between -17° and 60°C (0° and 140°F)		
RECYCLE CHARACTERISTICS	wired thou 90 mSEC of a 0 to 2 b 20 m c Over proper open	can be used as a pulse generator with L1 power ugh its NC contacts. The pulse will be 35 mSEC to long. (40 mSEC typical pulse.) 20 mSEC power interruption; Guaranteed no reset SEC to 90 mSEC; it may reset. (40 mSEC typical reset of master timing when subjected to an start switch leakage of 1.5 mA or less.	

DIMENSIONS (INCHES/MILLIMETERS)





00008258500 SOCKET WITH 339-025-03-00 HOLD DOWNS

2.5 oz. (70 g)

WEIGHT