

MODEL 392

Interval/Lockout Timer



- Multiple timing & voltage ranges
- Easy to program
- 5-Year Unconditional Warranty



DESCRIPTION

The **Model 392 Interval Lockout Timer** is useful when you wish to de-energize the relay for a set period of time. Power is applied to the coil all the time. The "Dry" contact must close the initiate switch and re-open to energize the relay for the "On" time setting. At the end of the "On" time, the relay will de-energize and remain de-energized for the "lockout" time period. Closing and re-opening the initiate switch during the timing has no effect on the operation of the relay. At the end of the "Lockout" time the relay can be operated as before.

An "SG" version of this model is available using silver with gold flash contacts.

The Model 392 is UL Recognized and CSA Certified.

UL SPECIFICATIONS*

Models	392
Input	
Voltage (VAC)	10-28V AC/DC OR 40-260V AC/DC
Power	3 Watts Max
Output	240V AC, 10A, Resistive 120V AC, 4A, General Use 240V AC, 2A, General Use C300, Pilot Duty

* Pilot Duty:

120V: Make 15A, Break 1.5A
240V: Make 7.5A, Break 0.75A

SPECIFICATIONS

MODEL	392 (knob-adjust)
Voltage	L = 10-28V AC/DC H = 40-260V AC/DC
Timing Range	10SEC: 1 - 10 Sec. 60SEC: 1 - 60 Sec. 180SEC: 1 - 180 Sec. 300SEC: 1 - 300 Sec.
Accuracy	±5%
Repeatability	±2%
Response time	100ms
Contacts	DPDT
Contact rating	10A at 240VAC resistive
Expected relay life	Mechanical: 10 million operations Electrical: 100,000 operations at rated load
Operating temperature	-20° to +140° F
Humidity tolerance	0-97% without condensation
Transient protection	775V, 80 Joules
Case material	NORYL Plastic
Mounting	8-pin socket <i>(not included)**</i>
Weight	4.5 oz.
Additional Options	/C = Custom (Voltage and/or Timing) /SG = Silver with Gold Flash Contacts

** order 8-pin socket number 51 x 120

Ordering Examples (Model-Voltage-Timing Range [/Options]):

392-H-180SEC = Model 392 with a 40-260V AC/DC voltage range and a timing range of 1-180 seconds.

392-L-180SEC /SG = Model 392 with a 10-28V AC/DC voltage range, a timing range of 1-180 seconds, and optional silver with gold flash contacts.

Contact Time Mark to order a custom programmed unit

MODEL 392

Interval Timer (On Delay)

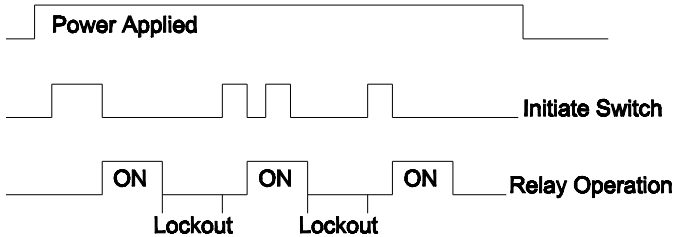
READ ALL INSTRUCTIONS BEFORE INSTALLING, OPERATING OR SERVICING THIS DEVICE.
KEEP THIS DATA SHEET FOR FUTURE REFERENCE.

GENERAL SAFETY

POTENTIALLY HAZARDOUS VOLTAGES ARE PRESENT AT THE TERMINALS OF THE MODEL 392.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.

Installation Instructions

OPERATION



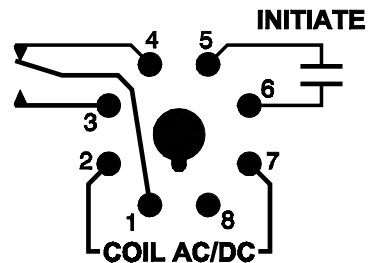
Power is applied to the coil all the time (Pins 2 & 7). When the initiate switch is closed, nothing happens. When the initiate switch is opened, immediately the relay will energize for the Interval time period. At the end of the Interval "ON" time, the relay will de-energize and remain de-energized until the total time period (Lockout) has elapsed.

The initiate switch opening and closing has no effect while the relay is timing. The relay can start again only after it has completed the total time set for the relay. If power is lost to the coil of the timer the relay will immediately de-energize.

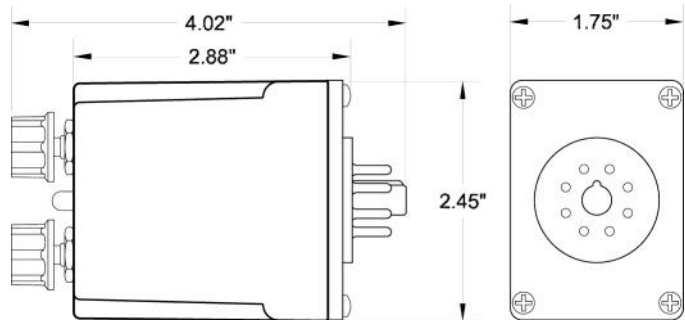
An LED on top of the unit provides a quick visual indicator of the relay's status.

LED Indicator	Unit Status
Green	Energized
Red	De-energized
Flashing (Green or Red)	Relay is Timing

PIN CONNECTIONS



DIMENSIONS



(dimensions have a tolerance of ± 0.06)

Shows No Power Applied

WARRANTY

This product is warranted to be free from defects in materials and workmanship, and is covered by our exclusive **5-year Unconditional Warranty**. Should this device fail to operate for any reason, we will repair it for five years from the date of manufacture. For complete warranty details, see the *Terms and Conditions of Sales* page in the front section of the Time Mark catalog or contact Time Mark at 1-800-862-2875.