

MODEL 303

On Delay/Interval Timer



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

DESCRIPTION

The **Model 303 On Delay/Interval Timer** can operate in either of two modes; On Delay or Interval.

In the **On Delay Mode**: When power is applied to the coil, the timer will delay for the preset time before energizing the relay. The relay will remain energized as long as power is applied. Power must be removed to reset the timer.

In the **Interval Mode**: When power is applied to the coil, the relay will energize immediately and remain energized for the preset time period. At the end of the time period, the relay will de-energize and remain de-energized until power is removed from the coil. Removing and re-applying power will restart the timer, energizing the relay.

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

The Model 303 is UL Recognized and CSA Certified.

UL SPECIFICATIONS*

Models	303
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	303
Voltage	L = 10-28V AC/DC H = 40-260V AC/DC
Timing Ranges	1 - 10 seconds 1 - 200 seconds 1 - 30 seconds 1 - 300 seconds 1 - 60 seconds 1 - 600 seconds 1 - 100 seconds 1 - 900 seconds
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 (not included)**
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 [/Options]):

303-H = Model 303 with a 40-260V AC/DC voltage range

303-L /SG = Model 303 with a 10-28V AC/DC voltage range and optional silver with gold flash contacts.

Contact Time Mark to order a custom programmed unit

Telephone: Main - (918) 438-1220
Sales - (800) 862-2875
Fax: (918) 437-7584

E-mail: sales@time-mark.com
Internet: http://www.time-mark.com



11440 East Pine Street
Tulsa, Oklahoma 74116

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MODEL 303

On Delay/Interval Timer

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 303.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.

Installation Instructions

FUNCTION DESCRIPTION

On Delay mode:

The time delay begins when the supply voltage is applied. Upon completion of the delay period, the internal relay will energize, and remain that way until the supply voltage is removed (Dipswitch 1 OFF).

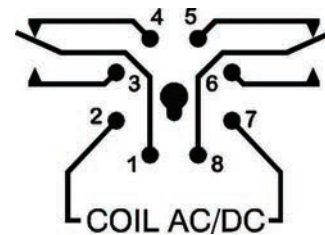
Interval mode:

The internal relay energizes immediately on application of the supply voltage. Upon completion of the delay period, the relay de-energizes. The supply voltage must be removed to reset the timer (Dipswitch 1 ON).

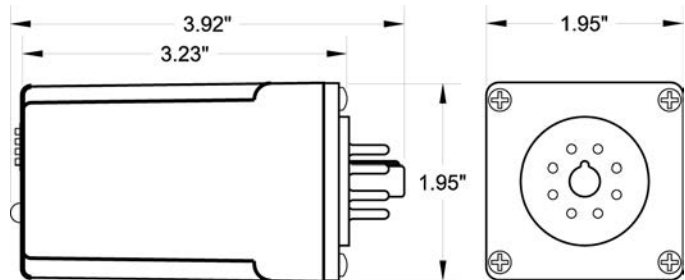
An LED on top of the unit provides a quick visual indicator of the relay's status.

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

PROGRAMMING

FUNCTION		SWITCH 1	
INTERVAL		ON	
ON DELAY		OFF	
TIMING RANGE	SWITCH 2	SWITCH 3	SWITCH 4
1-10 SECS	OFF	OFF	OFF
1-30 SECS	OFF	OFF	ON
1-60 SECS	OFF	ON	OFF
1-100 SECS	OFF	ON	ON
1-200 SECS	ON	OFF	OFF
1-300 SECS	ON	OFF	ON
1-600 SECS	ON	ON	OFF
1-900 SECS	ON	ON	ON

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.

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SIGNALINE
DIV OF TIME MARK CORPORATION

11440 East Pine Street
Tulsa, Oklahoma 74116
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