

MODEL 363

Operate Delay Relay

- One instant and one timed contact
- Wiring compatible with standard relays
- Variety of voltage and timing ranges
- 5-Year unconditional warranty

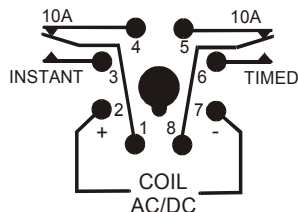


DESCRIPTION

The **Model 363 Operate Delay Relay** is an industrial quality device. It features a high accuracy electronic timing circuit driving two internal SPDT relays. One relay transfers upon application of power, the other relay transfers after a delay period.

The Model 363 is available in several AC or DC voltages, and a choice of 3 different timing ranges in both voltage types. This unit uses ten binary switches for timing selection, which provide a range of 1 to 1,023 increments (see *SPECIFICATIONS table*).

PIN DIAGRAM



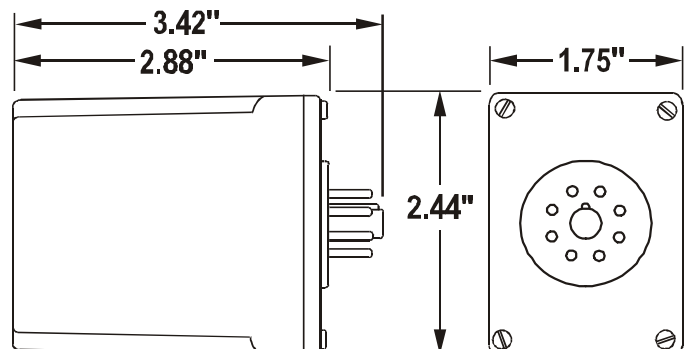
| ORDERING OPTIONS | | | |
|--------------------------------------------------------------------------------------|---------|---------|-------------|
| MODEL | VAC | VDC | DELAY |
| 363 | 12 VAC | 12 VDC | 0.1 Seconds |
| | 24 VAC | 24 VDC | 1 Second |
| | 120 VAC | 110 VDC | 1 Minute |
| EXAMPLE: 363-24VAC-0.1 orders a 24VAC timer with a 0.1 to 102.3 second delay range. | | | |
| EXAMPLE: 363-110VDC-1Min orders a 110VDC timer with a 1 to 1,023 minute delay range. | | | |

SPECIFICATIONS

| MODEL | 363 | |
|-----------------------|---------------------------------------------------------------|-----------------|
| Supply voltage | 12, 24, 120 VAC | 12, 24, 110 VDC |
| Timing ranges | 0.1 - 102.3 seconds 1 - 1,023 seconds 1 - 1,023 minutes | |
| Accuracy | ± 2% | |
| Repeatability | ± 0.1% (fixed conditions) | |
| Recycle time | 20 msec | |
| Output | Two SPDT | |
| Contact rating | 10A at 120VAC resistive | |
| Transient protection | 2500 VRMS for 10 msec | |
| Operating temperature | - 40° to +140° F | |
| Humidity tolerance | 0 - 97% w/o condensation | |
| Enclosure material | ABS plastic | |
| Mounting | 8-pin socket *not included | |
| Weight | 5 oz. | |

* order 8-pin socket number 51X120

DIMENSIONS



(dimensions have tolerance of ± 0.06)

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

E-mail: sales@time-mark.com
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SIGNALINE
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MODEL 363 Operate Delay Relay

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

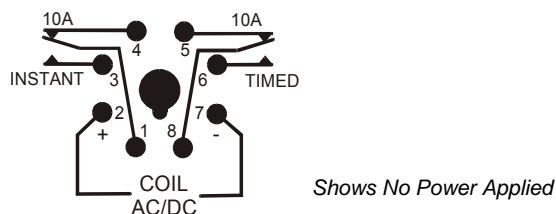
GENERAL SAFETY

POTENTIALLY HAZARDOUS VOLTAGES ARE PRESENT AT THE TERMINALS OF THE MODEL 363.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.

Installation Instructions

PIN CONNECTIONS

The Model 363 Operate Delay Relay requires a standard 8-pin socket for mounting, and use a standard pin configuration. Refer to the pin diagram below, or on the timer, for terminal connections.

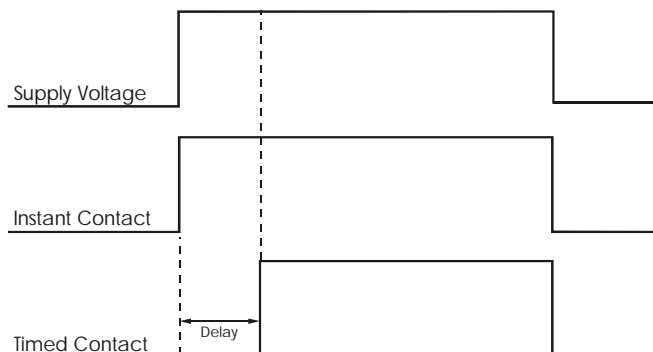


NOTE: When installing the **Model 363 Relay** in areas of high humidity or contamination, it is recommended that the base area and all exposed metal parts of the socket be coated liberally with a good quality silicon grease, such as Dow Corning DC-4 or DC-4X. Insert the unit into the socket and wipe off excess grease around the base. This will prevent the entrance of moisture and other contaminants into the base and socket areas.

OPERATION

When power is applied, contacts 1-3-4 transfer immediately, and the time delay begins. On completion of the delay, contacts 5-6-8 will transfer. Both relays remain energized until power is removed.

TIMING DIAGRAM



WARRANTY

The **Models 363 Operate Delay Relay** is covered by the Time Mark Corporation **5-Year Unconditional Warranty**. Should this device fail, for any reason, within five years from the date of purchase, it will be repaired or replaced, free. Contact the Time Mark Sales department, Monday through Friday; 8 a.m. to 5 p.m., CST, for further details.

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