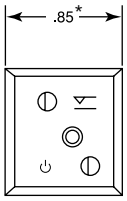
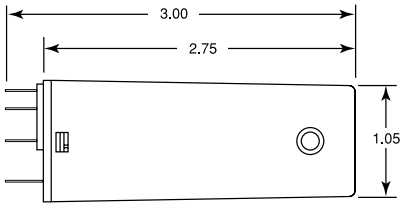
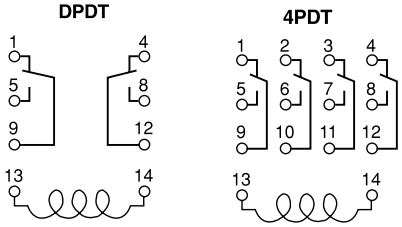
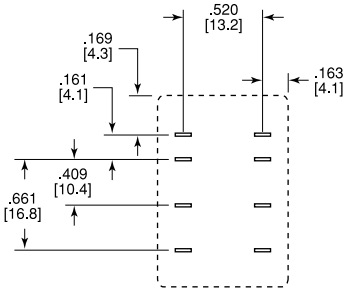
AGASTAT®

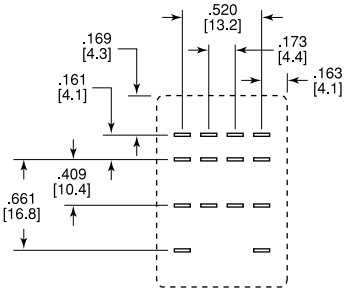
Subminiature On-Delay Time-Delay Relay – Series MDO

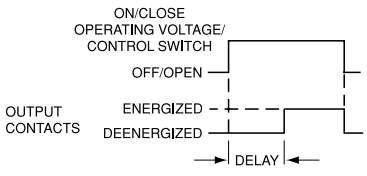












File No. E60363 File No. LR51332

DESIGN FEATURES

- ♦ On-Delay operating mode
- ♦ Seven user-selectable timing ranges
- ♦ 5 amp DPDT output contacts (2 pole & 4 pole)
- ♦ High accuracy and reliability
- ♦ Exceptional transient protection (ANSIC37.90)
- ♦ Subminiature design for compact installations
- ♦ Universal voltage

SPECIFICATIONS

Operating Modes:
On-Delay
Timing Adjustment: To set the timing delay, select the timing range located on the side of the Sub-miniature relay. Adjust the potentiometer located on the top clockwise to increase the time from the lowest number in the selected range. Timing adjustment can be made counter-clockwise to decrease the time delay if needed.
Timing Ranges: Seven user-selectable timing ranges.

Instantaneous	
0.1-1 sec.	1-10 min.
1-10 sec.	10-100 min.
10-100 sec	1-10 hr

Accuracy:
Repeat Accuracy: ±0.5%
Overall Accuracy: ±1% (±20 msec)
Reset Time: 25 msec
Operating Voltage:
Universal Voltage
24-240 VAC, 50/60Hz or 24-125VDC

Transient Protection: Meets ANSI C37.90 Transient Specification
Output Contacts: DPDT or 4PDT, 5 Amps @ 30VDC or 240VDC, resistive
Electrical Life: 100,000 operations at rated load
Electrical: 500,000 operations
Temperature Range:
Operating: -13ºF to +140ºF (-25ºC to 60ºC)
Storage: -13ºF to +185ºF (-25ºC to +85ºC)
Mounting/Terminals: All sub-miniature units can be mounted vertically or horizontally and will operate within a repeat accuracy of +/-0.5%. The retaining clip (Cat. No. RC01) may be ordered for use with sub-miniature relay for applications where vibration may be an issue.
Power Consumption: 2 watts
Approximate Net Weight: (1 unit): 4 oz.

*Dimensions are for reference only.

ORDERING INFORMATION

Part Number	Input Universal Voltage	Contact Arrangement
MD012AU	24-240 VAC, 50/60 Hz	2 PDT (2 Form C)
MD014AU	24-125 VDC	4 PDT (4 Form C)