



E339488

1/16 DIN Flip-Flop Timer

- Six Selectable Ranges:
1 and 10 SEC/MIN/HRS
- Individual adjustable ON-time and OFF-time
- Cycle can begin with relay energized or de-energized
- Relay rated 5A @ 250 VAC Resistive
- Compact Size (1/16 DIN)
- DPDT Relay Output
- Power: 20VAC to 240VAC
12VDC to 240VDC
- LED Indicator for Power and Relay energized output
- Can be DIN Rail mounted with DIN RAIL socket
- Faceplate IP40

The 422AR Flip-Flop timer is available with Repeat Cycle operations.

During Repeat Cycle operation the 422AR cycle ON and OFF repeatedly, allowing periodic cycling of a load. Two knobs are available to individually adjust the ON-time and the OFF-time. The 422AR can be configured with either the relay being energized during the first timing period or de-energized during the first timing period.

The 422AR have 6 selectable timing ranges available for both ON-time and OFF-time periods. The ranges are 1 and 10 SEC/MIN/HRS dip switch selectable. Having this flexibility allows for a load to be energized for a brief time over a cycle that lasts up to 10 hours. This is ideal for lubrication or other maintenance functions that must occur each shift or day during a plant operation.

The 422AR 1/16 DIN housing is compact, and designed for panel mounting. The timer is mounted in an 8-pin round socket. The front of the 422AR features 2 knobs. One knob is used to set the ON-time and the other knob is used to set the OFF-time for the timer's cycle.

The 422AR is universal powered by 20 to 240 VAC or 12 to 240 VDC operation voltage.

The output of the 422AR has a DPDT mechanical relay which is rated for 5 amps @ 250 VAC resistive. The 422AR can be ordered in a terminal option which is available with 5 amp Relay output.

The 422's have individual LED indicators for ON time and OFF time. These LED's provide a unique and effective method of cycle progress indication.

► SPECIFICATIONS

SUPPLY VOLTAGE	20 to 240 VAC, 12 to 240 VDC. (AC: 50/60 Hz)						
OUTPUT CONTACT	DPDT						
DELAY MODES	Cyclic ON first or OFF first (selectable by DIP switches)						
TIME RANGES	1 / 10 SEC/ MIN / HR for both On & Off time (selectable by DIP switches)						
RELAY RATING	<table border="0"> <tr> <td>Model SOX</td> <td>10A @ 230 VAC, resistive</td> </tr> <tr> <td>Model S5X</td> <td>5A @ 230 VAC, resistive</td> </tr> <tr> <td>Model S5TX</td> <td>5A @ 230 VAC/24 VDC, resistive</td> </tr> </table>	Model SOX	10A @ 230 VAC, resistive	Model S5X	5A @ 230 VAC, resistive	Model S5TX	5A @ 230 VAC/24 VDC, resistive
Model SOX	10A @ 230 VAC, resistive						
Model S5X	5A @ 230 VAC, resistive						
Model S5TX	5A @ 230 VAC/24 VDC, resistive						
POWER CONSUMPTION	2 VA max.						
ACCURACY	Setting: $\pm 5\%$ of full scale. Repeat: $\pm 0.5\%$ or 50 msec (whichever is greater).						
LED INDICATION	Power ON, Relay ON						
RESET	On interruption of power						
RESET TIME	Less than 100 mSEC.						
HOUSING	Flame retardant plastic.						
HUMIDITY	Up to 95% RH.						
OPERATING TEMPERATURE	32° to 122°F (0° to 50°C)						
STORAGE TEMPERATURE	-4° to 167°F (-20° to 75°C)						
MOUNTING	Panel mounting						
WEIGHT	115 gms						

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[422AR-020-0300](#) [422AR-100-S-0-X](#) [422AR-100-S5T-X](#) [422AR-100-S-5-X](#)