

# SAR & SARF

## SIGNALING INTERVAL TIMERS

**Industrial Timer Company**  
 30 Industrial Park Road  
 Centerbrook, CT 06409  
 800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)



### DESCRIPTION

Standard 3-wire line (power) cord and load receptacles give the SAR high precision interval timer complete portability. Additionally, it is housed in a sturdy metal case designed for surface mounting. The more conventional SARF is designed for panel mounting with electrical connections to a screw type terminal block (making it non-portable). Both units feature a pilot light and the added convenience of an audible signal at the end of the timing cycle. Start/stop control is through a toggle switch on the face of either unit. Load output is 120VAC and both normally open and normally closed contacts are available at the output receptacles (SAR) or at the terminal block (SARF).

### APPLICATION

These timers are designed for applications requiring high repetitive accuracy combined with an audible signal at the end of the timing. Typical applications include: plating systems, tumbling equipment, fast food cooking equipment.

### OPERATION

- 1) To set the duration of the interval, turn the selector to the desired time.
- 2) Make the necessary electrical connections.
- 3) Turn the toggle switch to the ON position. This will start the timer and supply power to the load.
- 4) At the end of timing, the buzzer will sound and power will be removed from the load. Additionally, power will be supplied to the normally closed contacts.
- 5) Turn the toggle switch off, the timer will return to the preset start position. Power will be removed from the closed contacts.

### SPECIFICATIONS

Repeat Accuracy	±0.5% of full scale
Reset Time	0.5 seconds max at full setting.
Load Switch Contacts	120V/60Hz SPDT switch rated at 10 amps non-inductive.
Wiring	SAR – standard three wire plug and receptacles SARF – screw type terminal
Voltage	120V/60Hz standard. Consult factory for other voltages and frequencies.

### STANDARD MODELS

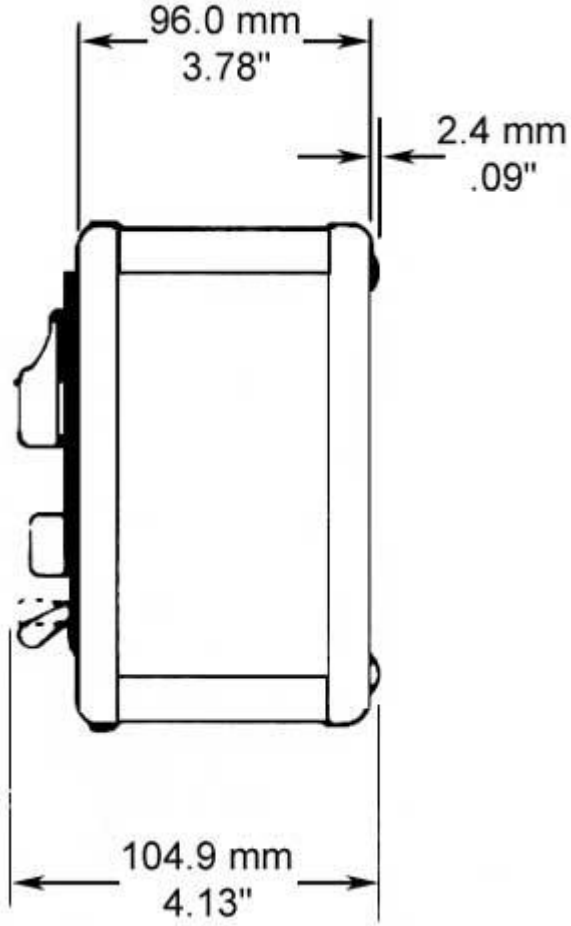
Model Number		Maximum Time Cycle	Dial Division
SAR-1M	SARF-1M	1 min.	1 sec.
SAR-5M	SARF-5M	5 min.	5 sec.
SAR-15M	SARF-15M	15 min.	15 sec.
SAR-30M	SARF-30M	30 min.	30 sec.
SAR-1H	SARF-1H	1 hr.	1 min.
SAR-3H	SARF-3H	3 hr.	3 min.

# SAR & SARF

SIGNALING INTERVAL TIMERS

Industrial Timer Company  
30 Industrial Park Road  
Centerbrook, CT 06409  
800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SAR DIMENSIONS

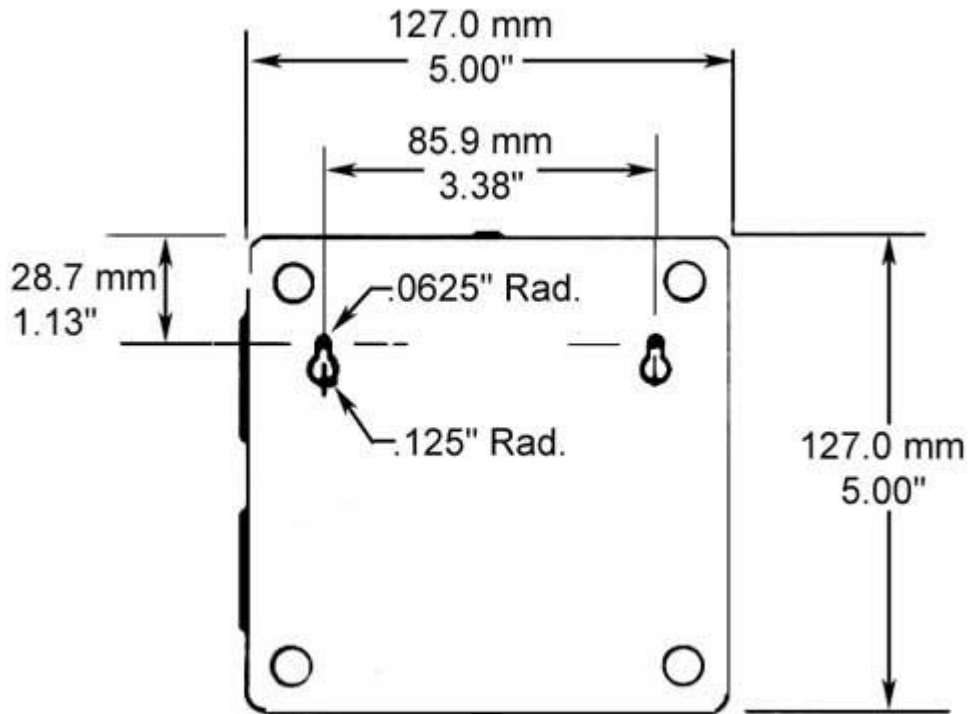


# SAR & SARF

SIGNALING INTERVAL TIMERS

Industrial Timer Company  
30 Industrial Park Road  
Centerbrook, CT 06409  
800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SAR DIMENSIONS

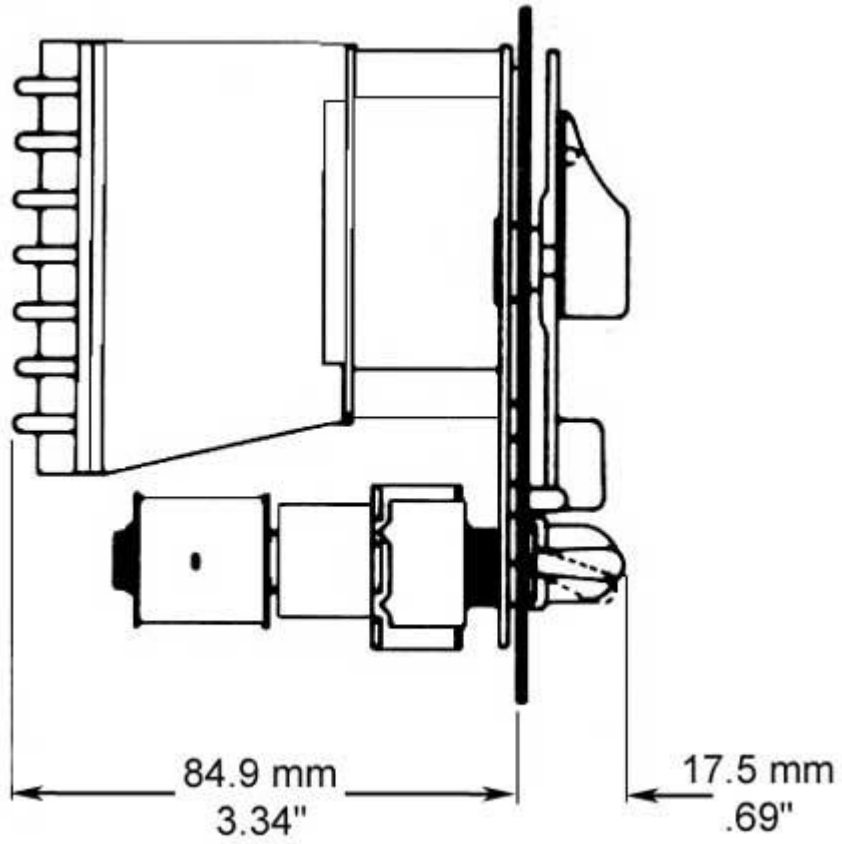


# SAR & SARF

SIGNALING INTERVAL TIMERS

**Industrial Timer Company**  
30 Industrial Park Road  
Centerbrook, CT 06409  
800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SARF DIMENSIONS

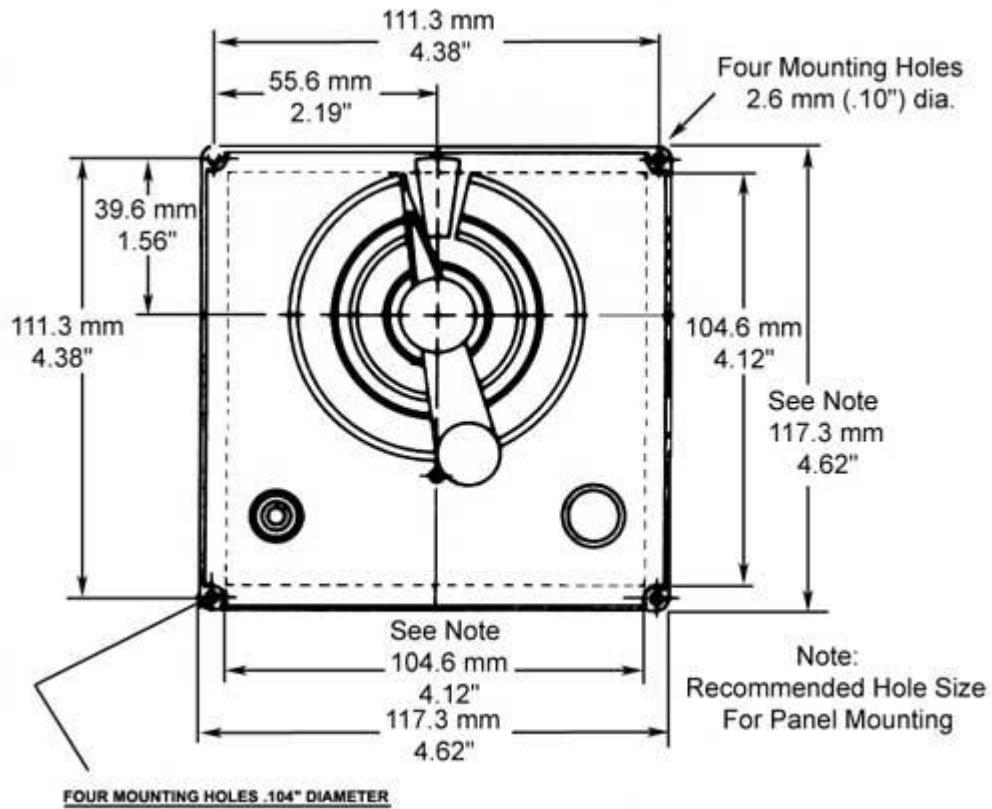


# SAR & SARF

SIGNALING INTERVAL TIMERS

Industrial Timer Company  
30 Industrial Park Road  
Centerbrook, CT 06409  
800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SARF DIMENSIONS



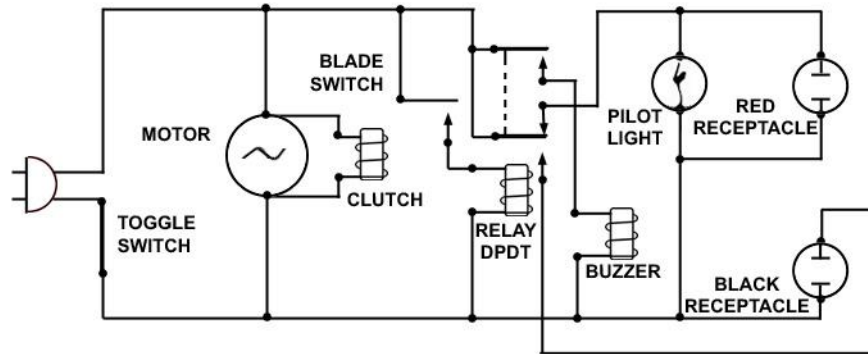
# SAR & SARF

SIGNALING INTERVAL TIMERS

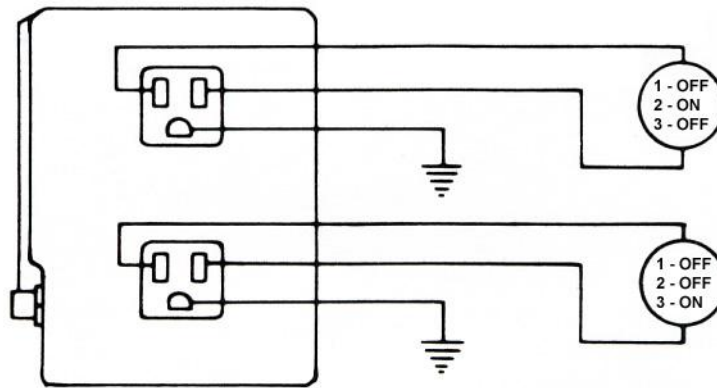
**Industrial Timer Company**  
 30 Industrial Park Road  
 Centerbrook, CT 06409  
 800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SAR WIRING

### SAR WIRING



### SAR EXTERNAL WIRING



**LOADS**  
 1 - RESET  
 2 - TIMING  
 3 - TIMED OUT

# SAR & SARF

SIGNALING INTERVAL TIMERS

Industrial Timer Company  
30 Industrial Park Road  
Centerbrook, CT 06409  
800-394-7130  
[www.industrialtimercompany.com](http://www.industrialtimercompany.com)

## SARF WIRING

### SARF WIRING

