

ST-2

SKY TIMERS

Multifunction Digital Timer

Product Features

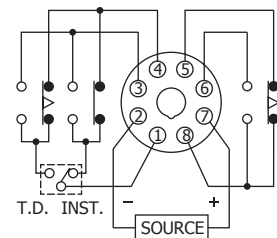
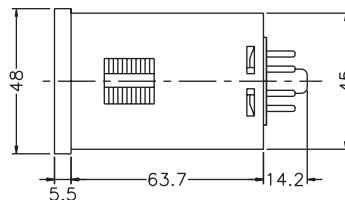
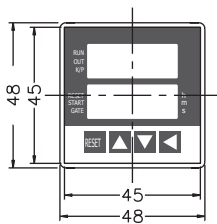
- 7-segment-display for clear display and effective monitoring
- Eleven field-selectable output modes accommodate a wide variety of applications
- All parameters set by scrollthrough menus accessed from the front panel
- Field-selectable time ranges from 0.001 second to 9999 hours
- Precision control possible to 0.001 second
- Four levels of key protection provided
- Count Up or Count Down mode user selectable
- UL, C-UL recognized and CE certified



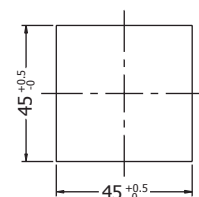
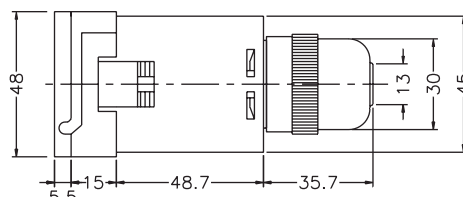
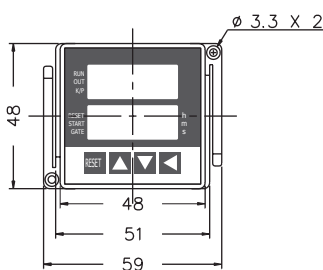
Dimensions

Connection

Surface mount using NDS-8 or NDS-8F socket

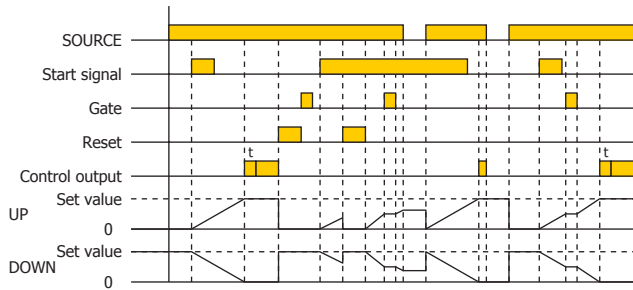


Flush mount using NDS-8 or NDS-8F socket and PM-48 mounting bracket



Timing Charts

Output Mode A

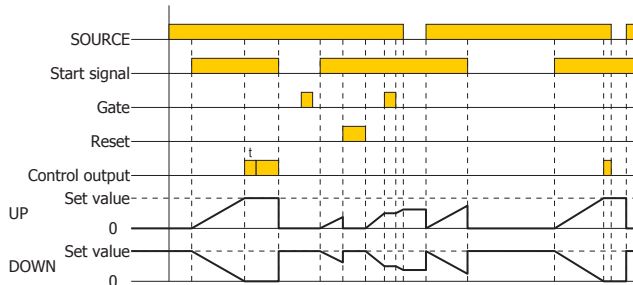


Timing starts when the start signal goes ON.

While the start signal is ON, the timer starts when the power comes ON or when the reset input goes OFF.

The control output is controlled using a sustained or one-shot time period.

Output Mode A-1

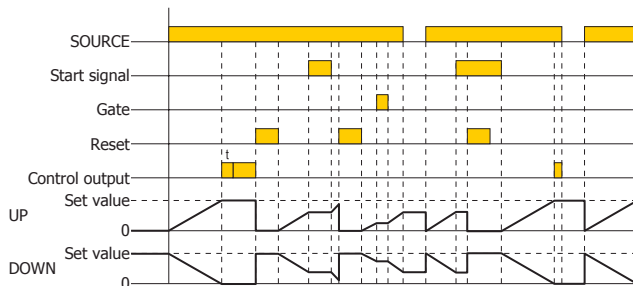


Timing starts when the start signal goes ON, and is reset when the start signal goes OFF.

While the start signal is ON, the timer starts when the power comes ON or when the reset input goes OFF.

The control output is controlled using a sustained or one-shot time period.

Output Mode A-2

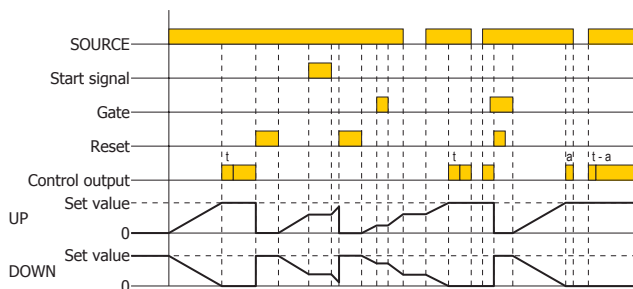


Timing starts when the reset input goes OFF.

The start signal disables the timing function (ie., same function as the gate input).

The control output is controlled using a sustained or one-shot time period.

Output Mode A-3

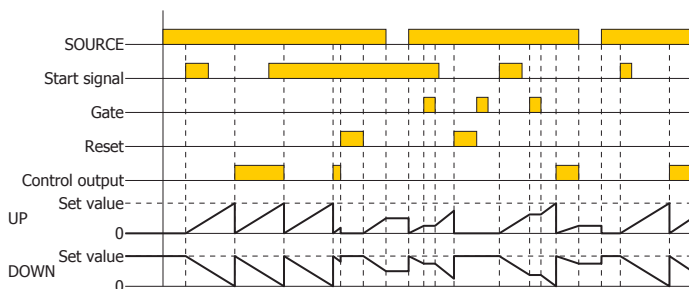


Timing starts when the reset input goes OFF.

The start signal disables the timing function (ie., same function as the gate input).

The control output is controlled using a sustained or one-shot time period.

Output Mode B



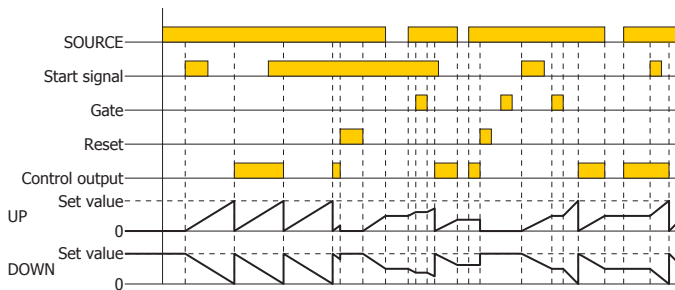
Timing starts when the start signal goes ON.

The status of the control output is reversed when time is up (OFF at start).

While the start signal is ON, the timer starts when the power comes ON or when the reset input goes OFF.

Timing Charts

Output Mode E

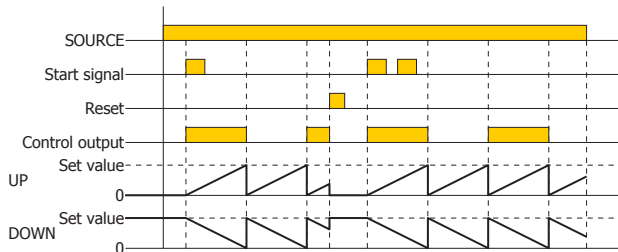


Timing starts when the start signal goes ON.

The status of the control output is reversed when time is up (OFF at start).

While the start signal is ON, the timer starts when the power comes ON or when the reset input goes OFF.

Output Mode D

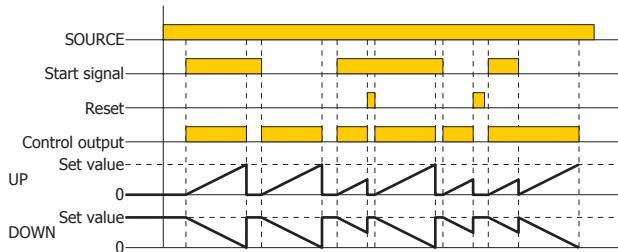


Timing starts when the start signal goes ON.

The status of the control output is reversed when time is up (OFF at start).

While the start signal is ON, the timer starts when the power comes ON or when the reset input goes OFF.

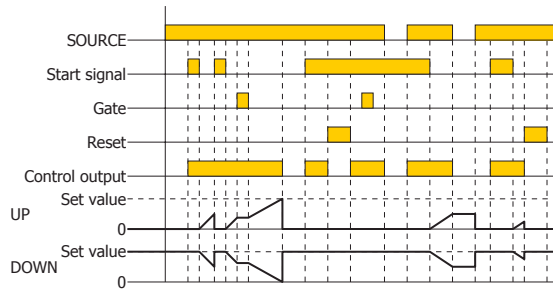
Output Mode C



Timing starts when the start signal goes ON or OFF.

The status of the control output is ON when the start signal goes ON or OFF.

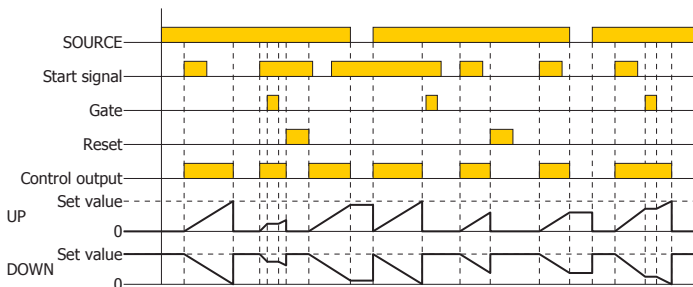
Output Mode B-2



The control output is ON when the start signal is ON (except when the power is OFF or the reset is ON).

The timer is reset when the time is up.

Output Mode B-1

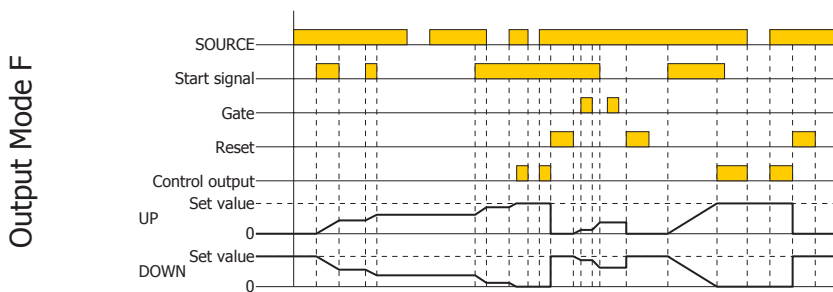


Timing starts when the start signal comes ON.

The control output is reset when time is up.

While the start signal is ON, the timer starts when power comes ON or when the reset input goes OFF.

Timing Charts



Start signal enables timing (timing is stopped when the start signal is OFF or when the power is OFF)

A sustained control output is used.

Specifications

Operating voltage (VAC/VDC): 12~48
100~240

Allowable operating voltage range: 85~110% of rated voltage

Contact rating: 250VAC 5A (resistive load)

Life

5,000,000 times mechanical

100,000 times electrical

Ambient temperature: -10 ~ +50°C

Rated frequency: 50/60 Hz

Weight: 120g

Ambient humidity: 85%RH Max

Reset time: 0.1 s Maximum

Power Consumption: ~2.5VA



83 Oxford West Drive, Oxford, Georgia 30054

Phone: (770) 788-9500 Fax: (770) 788-9555

www.skytimers.com

Ordering Information

ST2-240

Voltage Range: 48 or 240

(see specifications above)