

Model HY-T



INSTALLATION
INSTRUCTIONS
December 2000
HY-T000

Status Indicator Tower Lights



ATC Tower Lights are available in 4 basic styles, lights only, lights with buzzer, lights with flasher, and lights with buzzer and flasher. The quantity of lights can range from 1 thru 5. The color sequence of the lights can easily be changed by removing the top screw and changing the positions of the lenses.

WIRING LIGHTS - All lights are wired by connecting the appropriate color wire to the L1 (HOT) source thru an actuator and connecting the thick black wire to L2 (COMMON).

WIRING THE BUZZER - The buzzer is wired by connecting the brown wire to the L1 (HOT) source thru an actuator. The same thick black wire used for the lights (COMMON) is used for the L2 connection on the buzzer.

WIRING THE FLASHER - The flasher is not connected to the lights or buzzer, internally, but is available as an output on the thick yellow wire that can be selectively wired to whichever lights or buzzer the application calls for.

OPERATION

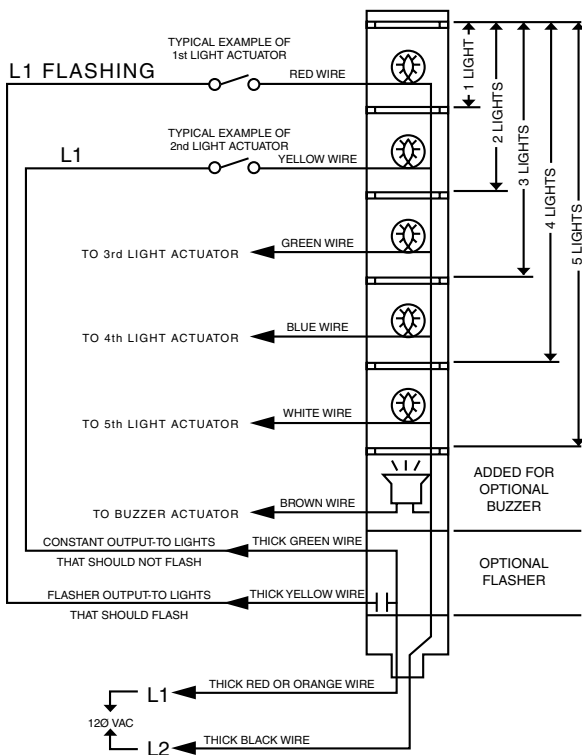
ATC status indicator tower lights provide a 360° visual status signal of a machine or process that requires monitoring. The tower lights are available in one (1) through five (5) lamp models and can be supplied in steady light or flashing light with or without buzzer capability.

The lights are extremely flexible since each lamp in an assembly can be wired to perform individually, based on the users' indication needs. As an example, you can wire a three lamp unit (HYTWB) to have the Green lens as a steady light, the Amber lens to be a flashing light, and the Red lens to be a flashing light with buzzer. A typical

application for an indicator light wired in this manner would be a gravity feed bin that supplies compound to a press. The Green light would be ON steady when the bin was full to half empty, from half empty to empty the Amber light would flash, at empty the Red light would flash and the buzzer would sound.

ATC indicating tower lights are complete assemblies that include bulbs, pole, 90° mounting bracket and all hardware necessary for installation. The lights are ideal for indicating operating status in a wide range of process, assembly and other automatic equipment applications.

WIRING



ORDERING INFORMATION

When ordering a status indicator tower light, the part number must be developed.

1. Determine if you require a steady light, flashing light capability or flashing light and buzzer capability.
2. Select operating voltage.
3. Number of lights.
4. Indicate lens color sequence.

Standard Lens Sequence
(From Top to Base)

1. Light: Red
2. Lights: Red, Amber
3. Lights: Red, Amber, Green
4. Lights: Red, Amber, Green, Blue
5. Lights: Red, Amber, Green, Blue, Clear

Bulb Flash Rate

60 Per Minute

Recommended Switch Rating

AC Models: 1A

DC Models: 2A

Mounting

Horizontal or Vertical

90° Angle Bracket and Mounting Hardware

Supplied.

Termination

Wire Leads

Buzzer Decibel

60db

Standard Lens Sequence Ordering:

If you require a 110VAC, 3-light unit with flashing lamp and alarm capability, with a standard lens sequence, it would be ordered as follows: HYTWB-110-3

Special Lens Sequence Ordering:

If you require a 110VAC, 3-light unit with flashing lamp and alarm capability, with a Green, Clear, Blue lens sequence, it would be ordered as follows: HYTWB-110-3GCB

SPECIFICATIONS

Operating Voltage

110VAC, 24VAC, 50/60 Hz.

12VDC, 220VAC (Special Order)

Nominal Power Consumption

1 Light Models - 0.07A

2 Light Models - 0.14A

3 Light Models - 0.20A

4 Light Models - 0.27A

5 Light Models - 0.33A

Bulb Ratings

5W

MODEL NUMBER	VOLTAGE ⁽¹⁾	NUMBER OF LIGHTS	LENS COLORS ⁽²⁾
HYT Steady Light	110-110VAC	1	R=Red
		2	A=Amber
		3	G=Green
		4	B=Blue
		5	C=Clear
HYTW Steady Light or Flashing Light	110-110VAC	1	R=Red
		2	A=Amber
		3	G=Green
		4	B=Blue
		5	C=Clear
HYTB Steady Light With Buzzer	110-110VAC	1	R=Red
		2	A=Amber
		3	G=Green
		4	B=Blue
		5	C=Clear
HYTWB Steady Light or Flashing Light W/Buzzer	110-110VAC	1	R=Red
		2	A=Amber
		3	G=Green
		4	B=Blue
		5	C=Clear

⁽¹⁾ 12 VDC, 24 VDC, 24 VAC, 220 VAC models available on special order.

⁽²⁾ From top to bottom-Standard lens sequence is; Red, Amber, Green, Blue, Clear.