



Two Hand Anti-Tiedown Plug-In Timer

ATB

Specifications

Electrical

Input Voltage:

24 or 115VAC, ±15%, 50/60Hz.

Input Palm Bottom Delay: 0.3 Sec. Fixed

Time Delays:

Type: Adjustable or Factory Fixed

Range: 50 Milliseconds to 1 Minute

Repeat Accuracy: ±1% under Fixed Conditions.

Fixed Time Accuracy: ±5% Worst Case

Reset Times: 50 Milliseconds, Typical

Protection: Varistor and/or R-C Network

Power Consumption: 5VA

Output Ratings:

10 Amps, 1/3 HP @ 240VAC

10 Amps, 1/6 HP @ 120VAC

500,000 Full Load Electrical Cycles

50,000,000 Mechanical Cycles

Physical

Mounting: Plug-In

Termination: 8 Pin

Packaging: Dust Cover

Weight: 7 Oz.

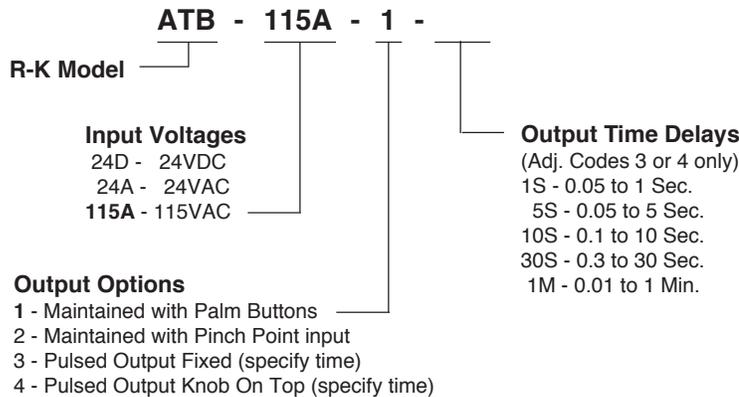
Ambient Temperatures

Operating: -10°C to 65°C

Storage: -10°C to 85°C



Ordering Information



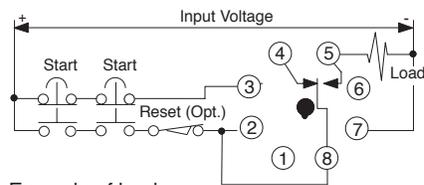
- Digital CMOS Design
- Maintained or Pulsed Outputs
- 10 Amp, SPDT
- ±1% Repeatability
- Transient Protected

Operation

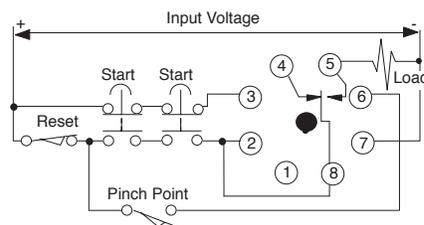
Two Hand Anti-Tiedown

The ATB's are designed for use in two hand machine controls. The timing sequence is initiated by depressing one of the two buttons. At that time a .3 second delay is started. During that time the second button must be activated while the first button is maintained to permit the ATB output to be energized. Both buttons must be maintained or pinch point switch closed to allow continued operation of the machine. If either button is released, the ATB output will be interrupted. Both buttons must be released to reset the ATB. With the timed output options, the palm buttons must be maintained during the timed pulse period. To restart in this operation, the palm buttons must be released and operated again.

Connections

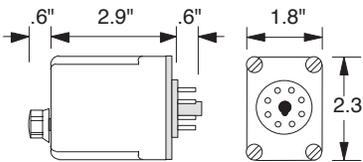


Example of hook-up for Adj. Code 1, 3 & 4

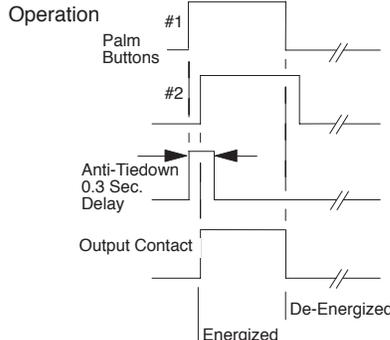


Hook-up for Adj. Code 2

Dimensions



Code 1 & 2 Operation



Code 3 & 4 Operation

