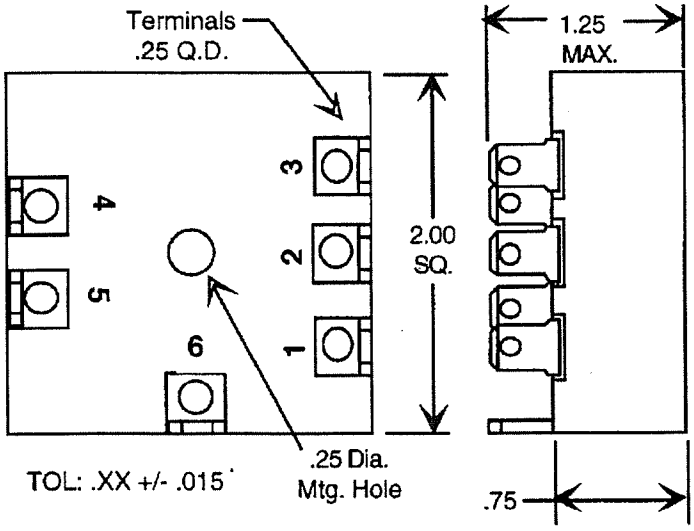
ARTISAN *Solid State Timers and Controllers*

EPC-12457

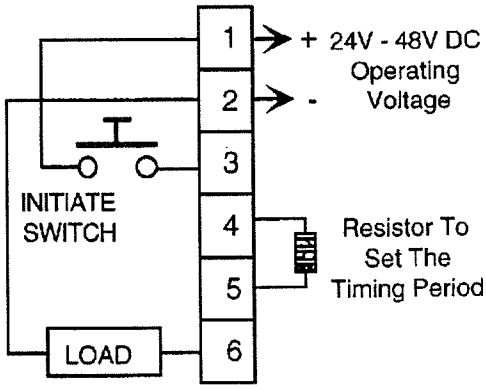
SOLID STATE DELAY-ON-BREAK TIMING MODULE

When wired as shown the LOAD will energize each time the INITIATE SWITCH is closed and remain energized for as long as the INITIATE SWITCH remains closed. When the INITIATE SWITCH is opened the LOAD remains energized and a delay period begins. If the INITIATE SWITCH remains open longer than the preset delay, the LOAD will de-energize. If the INITIATE SWITCH is closed during the timing period, the timing is reset and will not begin until the INITIATE SWITCH is opened.

Mechanical



Wiring



Specifications

Operating Voltage: 24V to 48V DC
Timing Mode: Delay-On-Break by INITIATE SWITCH control.
Time Delay Range: 0.1 (-20%, +0%) to 30 (-0%, +20%) seconds.
Timing Repeatability: ±2% or better.
External Timing Resistor: 10 Megohm will yield timing range specified.
Recycle Time: 100 milliseconds minimum.
Output Switch Characteristics: 3 volt max. drop across switch when ON, 3mA max. leakage current OFF.
Output Switch Rating: Solid state switch rated for 1 ampere at 48V DC.
Transient Protection: Input and output circuitry protected by MOVs to transient levels of 25 joules.
Construction: Encapsulated module.
Terminations: Wiring terminations are 0.25 inch quick connect type.
Dielectric Strength: 1500 V RMS between all terminals and case.
Operating temperature: -20° C to +85° C .
Timing Temperature Coefficient: ±0.25%/°C.
Data Sheet Revision Date: September 14, 2000

Ordering Information ..... *Specify EPC-12457*

VISIT OUR WEB SITE AT: WWW.ARTISANCONTROLS.COM

ARTISAN CONTROLS CORPORATION
111 CANFIELD AVE, B15-B18
RANDOLPH, NJ 07869 •USA
Ph# 973-598-9400 • Fx# 973-598-9410
website: www.artisancontrols.com