

SPECIFICATIONS

| | |
|--|---|
| INPUT | VOLTAGE: 120VAC, 230VAC |
| | FREQUENCY: 50/60 Hz |
| | TOLERANCE (VOLTAGE): ± 15% of nominal |
| | POWER CONSUMPTION: 10 VA maximum |
| TRANSIENT PROTECTION: Isolation transformer | |
| OUTPUT | TYPE: Electromechanical relay (solid state available as accessory) |
| | RATING: 10A @ 240VAC maximum |
| TIMING | AVAILABLE TYPES: On delay, Off delay, Pulsed interval, Maintained interval |
| | REPEAT ACCURACY: ± 1% of setting |
| | RESET TIME: 50 msec minimum |
| | INDICATION: Optional LED - ON when timing (off delay - LED ON when output energized) |
| | TIMING RAMP: 0.06 sec minimum time - 100kΩ/sec 0.5 sec minimum time - 10kΩ/sec |
| | TIME RANGE: 0.06 to 500 secs in 12 ranges |
| | RANGE TOLERANCE: ≤ 10% |
| | CONTROL: Isolated contact closure |
| | CONTROL TERMINALS: E-F |
| | VOLTAGE PRESENT AT CONTROL TERMINALS: 24VDC min., 40VDC max. |
| PHYSICAL | OPERATING TEMP: 0° to 50° C (32° to 120°F) |
| | TIMING VARIATION VS. TEMP: ± 5% maximum |
| | MOUNTING: Base mount |
| | TERMINATION: Terminal blocks on face of timer |
| | HOUSING: Metal |



Pulsed Interval **On Delay**
Maintained Interval **Off Delay**

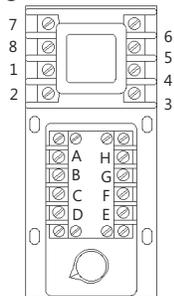
Plug-in DPDT relay output can be quickly replaced or interchanged with optional solid state output. The 1010 is especially useful in applications which require fast timing cycle rate and numerous operations in a short period of time.

WIRING

OUTPUT B

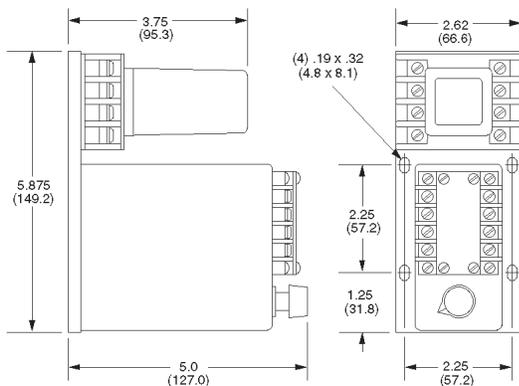
- A-B Voltage input (constant)
- C-D Remote adjust (jumper if not used)
- E-F Control (starts timing function)
- G-H Not used
- 1-3 N.O. timed
- 1-4 N.C. timed
- 5-8 N.C. timed
- 6-8 N.O. timed

Wiring Terminal Location



Caution: Never apply voltage to terminals C-D-E-F

DIMENSIONS Inches (millimeters)



ORDERING DATA

ORDERING CODE 1010 - 1 - F - 2 - B OP6

BASIC MODEL NUMBER

1010

INPUT VOLTAGE

- 1 120VAC
- 2 230VAC

TIME RANGE (Secs)

- | | | |
|-------------|-------------|--------------|
| A 0.06-0.10 | F 0.06-5.0 | L 0.5-250 |
| B 0.06-0.25 | G 0.06-10.0 | M 0.5-500 |
| C 0.06-0.50 | H 0.06-25.0 | W Fixed time |
| D 0.06-1.0 | J 0.5-50.0 | (see note) |
| E 0.06-2.5 | K 0.5-100 | |

NOTE: Specify W and desired fixed time. Factory will set time within 5%

TIMING FUNCTION

- | | |
|-------------|-----------------------|
| 1 On delay | 4 Pulsed interval |
| 2 Off delay | 5 Maintained interval |

OUTPUT

B Relay DPDT (solid state outputs available as accessories)

OPTION (If desired)

OP6 Timing indication light.

APPLICABLE ACCESSORIES

See accessory section for details

- | | |
|--------------------|---------------------------|
| Output modules | RP-101,RP-104 thru RP-106 |
| Potentiometers | RP-201 thru RP-210 |
| Reference dial | RP-216 |
| Locking attachment | RP-217 |