

**MODEL 1030
BASE MOUNT**

**INDUSTRIAL SOLID STATE
TIMER**



KANSON ELECTRONICS, INC.



**Pulsed Off-On
One Cycle
Maintained Off-On
One Cycle**

On Delay/Off Delay

Plug-in DPDT relay output can be quickly replaced or interchanged with optional solid state output. The 1030 is especially useful in applications which require fast timing cycle rate and numerous operations in a short period of time.

ORDERING DATA

ORDERING CODE 1030 - 1 - G - G - 6 - B

BASIC MODEL NUMBER

1030

INPUT VOLTAGE

- 1 120VAC
- 2 240VAC
- 3 24VAC

TIME RANGE (Secs) † OFF time

- D 0.06-1.0 J 0.5-50 † ON time
- E 0.06-2.5 K 0.5-100
- F 0.06-5.0 L 0.5-250
- G 0.06-10 M 0.5-500
- H 0.06-25

NOTE: † On and Off times must have same minimum time.

TIMING FUNCTION

- 6 Pulsed off/on
- 7 Maintained off/on
- 8 On delay/Off delay

OUTPUT

- B Relay DPDT
(solid state outputs available as accessories)

OPTION

Timing indication light (previously OP6) is now standard on Model 1030

APPLICABLE ACCESSORIES

See accessory section for details

- Output modules RP-101, RP-103
- Potentiometers RP-201 thru RP-210
- Reference dial RP-216
- Locking attachment RP-217

SPECIFICATIONS

INPUT
VOLTAGE: 120VAC, 24VAC, 240VAC
FREQUENCY: 50/60 Hz
TOLERANCE (VOLTAGE): ± 15% of nominal
POWER CONSUMPTION: 10 VA maximum
TRANSIENT PROTECTION: Isolation transformer (120VAC and 240 VAC only)

OUTPUT
TYPE: Electromechanical relay
(solid state available as accessory)
RATING: 10A @ 240VAC maximum

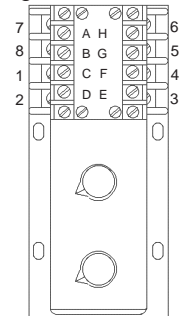
TIMING
AVAILABLE TYPES: Pulsed off-on one cycle,
Maintained off-on one cycle, On delay/Off delay
REPEAT ACCURACY: ± 1% of setting
RESET TIME: 50 msec minimum
INDICATION: LED - ON when output energized
TIMING RAMP: 0.06 sec min time - 100kΩ/sec
0.5 sec min time - 10kΩ/sec
TIME RANGE: 0.06 to 500 secs in 9 ranges
RANGE TOLERANCE: ≤ 10% at max, ≤ 0% at min
CONTROL: Isolated contact closure
CONTROL TERMINALS: E-F
VOLTAGE PRESENT AT CONTROL TERMINALS:
24VDC minimum, 40VDC maximum

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

WIRING

- OUTPUT B**
- A-B Voltage input (constant)
 - C-D Remote adjust for OFF time,
(jumper if not used)
 - E-F Control (starts timing function)
 - G-H Remote adjust for ON time,
(jumper if 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 C-D-E-F-G-H

DIMENSIONS Inches (millimeters)

