



KANSON ELECTRONICS, INC.

INDUSTRIAL SOLID STATE TIMER

MODEL 1071
PLUG IN

SPECIFICATIONS

INPUT
VOLTAGE: 120VAC/DC, 24VAC/DC
FREQUENCY: 50/60 Hz or DC
TOLERANCE (VOLTAGE): $\pm 15\%$ of nominal
POWER CONSUMPTION: 4 VA maximum
TRANSIENT PROTECTION: MOV

OUTPUT
TYPE: Electromechanical relay
RATING: 5A @ 240VAC maximum

TIMING
TYPES: On delay
REPEAT ACCURACY: $\pm 0.5\%$ of setting or 0.004 secs, whichever is greater.
RESET TIME: 40 msec minimum
INDICATION: LED - ON when timing
TIMING RATIO: 10 to 1 potentiometer
TIME RANGE: 8 per unit
RANGE TOLERANCE: $\pm 10\%$ typical
CONTROL: Power actuated or AC proximity sensor
CONTROL TERMINALS: 2-7 (8 pin unit)
2-10 (11 pin unit)
VOLTAGE PRESENT AT CONTROL TERMINALS:
Same as input voltage

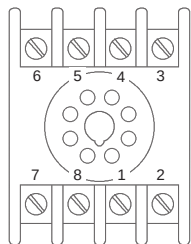
PHYSICAL
OPERATING TEMP: -20° to 70° C (-4° to 158°F)
TIMING VARIATION VS. TEMP: $\pm 5\%$ maximum
MOUNTING: Plug-in
TERMINATION: 8 or 11 pin socket
HOUSING: Plastic

WIRING

Wiring Terminal Location

OUTPUT A

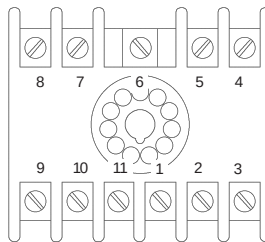
2-7 Voltage input (control)
1-3 N.O. timed
1-4 N.C. timed
5-6 Remote adjust
8 Not used



Caution: Never apply voltage to 5-6

OUTPUT C

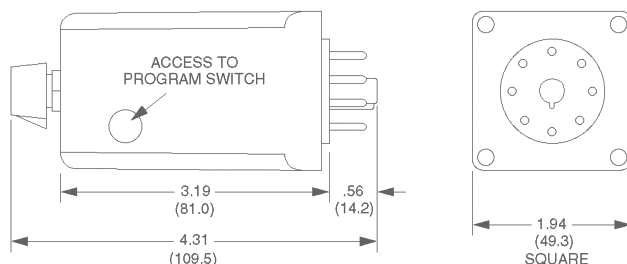
2-10 Voltage input (control)
11-8 N.C. timed
5-6 Remote adjust
1-3 N.O. timed
1-4 N.C. timed
7 Not used
11-9 N.O. timed



Caution: Never apply voltage to 5-6

DIMENSIONS

OCTAL BASE SHOWN



On Delay

Multi-Range unit is programmable for 8 different time ranges. The 1071 reduces inventory requirements by offering the time range capacity of eight separate timers in one unit.

Input Power Actuates timing sequence, eliminating the need for a separate control circuit. Removing power automatically resets timing sequence.

Input Is Compatible with both standard mechanical switches and solid state proximity sensors.

UL File No. E50957

CSA File No. LR92815

ORDERING DATA

ORDERING CODE 1071 - 2 - P - 1 - A

BASIC MODEL NUMBER

1071

INPUT VOLTAGE

1 120VAC
2 24VAC/DC

TIME RANGE (Secs)

P (includes the following time ranges)

Time Range (Secs)	Switch Positions
0 200-2000	4 0.75-7.5
1 50-500	5 0.2-2.0
2 12-120	6 0.06-.5
3 3-30	7 0.025-0.13

8 and 9 not used

Consult factory for longer time ranges.

TIMING FUNCTION

1 On delay

OUTPUT

A* Relay SPDT w/ remote adjust (8 pin plug)

B Relay DPDT (8 pin plug)

C* Relay SPDT w/remote adjust (11 pin plug)

*Units with remote adjust do not include a potentiometer in the timer. A separate 100kΩ potentiometer must be used with a maximum length of 12 feet of shielded twisted pair wire.

APPLICABLE ACCESSORIES

See accessory section for details

Potentiometer	RP-204
Reference dial	RP-216
Locking attachment	RP-217
8 pin socket	RP-302
11 pin socket	RP-303
Hold down clip	RP-305