

INDUSTRIAL SOLID STATE TIMER

MODEL 1071 PLUG-IN



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

(Example: 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)

- | | |
|---------------|-------------------|
| 0) 200 - 2000 | 5) .2 - 2.0 |
| 1) 50 - 500 | 6) .06 - .5 |
| 2) 12 - 120 | 7) .025 - .13 |
| 3) 3 - 30 | 8) Not applicable |
| 4) .75 - 7.5 | 9) Not applicable |

TIMING FUNCTION

- 1 On delay

OUTPUT

- *A. Relay SPDT w/ remote adjust (8 pin)
- B. Relay DPDT (8 pin)
- *C. Relay DPDT wireremote adjust (11 pin)

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

APPLICABLE ACCESSORIES

- | | |
|--------------------|-------|
| Potentiometer | RP204 |
| Reference dial | RP218 |
| Locking attachment | RP217 |
| 8 pin socket | RP302 |
| 11 pin socket | RP303 |
| Hold down clip | RP305 |

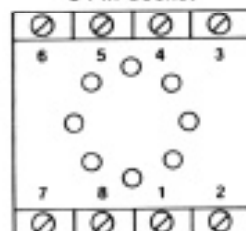
SPECIFICATIONS

INPUT	VOLTAGE: 120VAC/DC, 24VAC/DC
	FREQUENCY: 50/60 Hz or DC
OUTPUT	TOLERANCE (VOLTAGE): ± 15% of nominal
	POWER CONSUMPTION: 4VA maximum
TIMING	TRANSIENT PROTECTION: MOV
	TYPE: Electromechanical relay
PHYSICAL	RATING: 5A—240 AC maximum
	TYPE: On delay
REPEAT ACCURACY: .5% or .004 sec, whichever greater	RESET TIME: 40ms minimum
	INDICATION: LED — ON when timing
TIMING RATIO: 10 to 1 potentiometer	TIME RANGES: 8 per unit
	RANGE TOLERANCE: ± 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
	OPERATING TEMPERATURE: -20° to 70°C (-4° to 158°F)
TIMING VARIATION VS. TEMPERATURE: ±5% maximum	MOUNTING: Plug-in
	TERMINATION: 8 or 11 pin socket
HOUSING: Plastic	

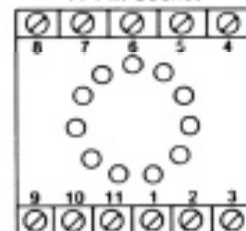
WIRING

- | | |
|--|-----------------------------|
| OUTPUT A | OUTPUT B |
| 2-7 Voltage input (control) | 2-7 Voltage input (control) |
| 1-3 N.O. timed | 1-3 N.O. timed |
| 1-4 N.C. timed | 1-4 N.C. timed |
| 5-6 Remote adjust | 8-8 N.O. timed |
| 8 Not used | 8-5 N.C. timed |
| Caution: Never apply voltage to 5-6 | |
| OUTPUT C | |
| 2-10 Voltage input (control) | 11-8 N.C. timed |
| 1-3 N.O. timed | 5-8 Remote adjust |
| 1-4 N.C. timed | 7 Not used |
| 11-9 N.O. timed | |
| Caution: Never apply voltage to 5-6 | |

Wiring Terminal Location
8 Pin Socket



11 Pin Socket



DIMENSIONS inches (millimeters)

