

INDUSTRIAL SOLID STATE TIMER

MODEL 1073 PLUG-IN / PANEL MOUNT



On Delay



FEATURES:

- 12 programmable time ranges from .02 secs to 100 hours
- Auto-calibrating dial provides direct reading of time setting in every range.
- DPDT timed output or optional SPDT timed plus SPDT instantaneous
- Wide range of operating voltage options from 12VDC to 240 VAC
- LED indicators for Power & Operate

ORDERING DATA

ORDERING CODE 1073 - 1 - P - 1 - A
(Example: 1073-1-P-1-A)

BASIC MODEL NUMBER 1073

INPUT VOLTAGE

1	120VAC
2	240VAC
3	24VAC
4	24VDC
5	12VDC

TIME RANGE

P (includes the following time ranges)

.02 sec-1 sec	.02 min-1 min	.02 hr-1 hr
.10 sec-5 sec	.10 min-5 min	.10 hr-5 hr
.20 sec-10 sec	.20 min-10 min	.20 hr-10 hr
2.00 sec-100 sec	2.00 min-100 min	2.00 hr-100 hr

TIMING FUNCTION

1 On Delay

OUTPUT

A Instant Relay—1 SPDT
Timed Relay—1 SPDT

B Relay DPDT

APPLICABLE ACCESSORIES

8 pin socket	RP-320
8 pin reversible socket	RP-321
8 pin cable socket	RP-323
Panel mount clamp	RP-325
Protective cover	RP-326

SPECIFICATIONS

INPUT

VOLTAGE: 120VAC, 240VAC, 24VAC, 24VDC, 12VDC
FREQUENCY: 50/60 Hz (AC models)
TOLERANCE (VOLTAGE): -20% to +10% of nominal
POWER CONSUMPTION: 10VA (AC models)
 2W (DC models)
TRANSIENT PROTECTION: MOV

OUTPUT

TYPE: Electromechanical relay
MECHANICAL LIFE: 10,000,000 operations
ELECTRICAL LIFE: 100,000 operations minimum
 (at full rated load)
RATING: 5A at 250VAC (resistive)

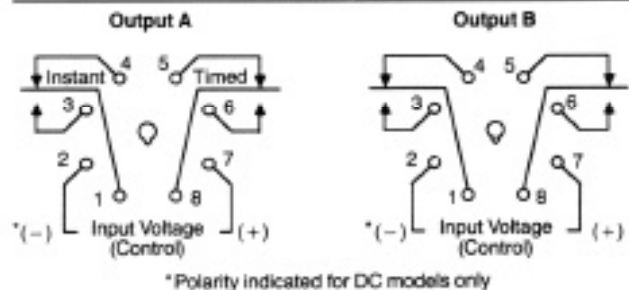
TIMING

TYPE: On Delay
REPEAT ACCURACY: $\pm .3\%$ of setting
TIMING RANGE: .02 secs to 100 hrs in 12 ranges
RESET TIME: < 100 ms at maximum time setting

PHYSICAL

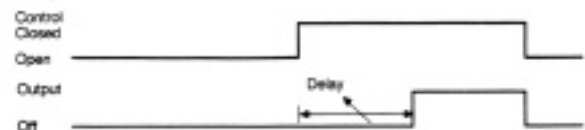
OPERATING TEMPERATURE: -10° to +50°C (14°-122°F)
TIMING VARIATION VS TEMPERATURE: $\pm 2\%$ maximum
MOUNTING: Plug-in or panel mount
TERMINATION: 8 pin socket
HOUSING: Polycarbonate

WIRING



OPERATION

On Delay



Adjustable time delay on energizing

- Closing the control circuit starts time delay
- Opening the control circuit during timing resets time delay to zero—no accumulation of time delay or false output

DIMENSIONS

