



Kanson Electronics, Inc.

INDUSTRIAL SOLID STATE

TIMER

MODEL 1017 SP7

BASE MOUNT

SPECIFICATIONS

INPUT

VOLTAGE: 24V AC/DC, 48V AC/DC, 120VAC/125VDC, 240VAC/250VDC
TOLERANCE (VOLTAGE): ± 15% of nominal, ± 10% for 24V
POWER CONSUMPTION: 16 W maximum
TRANSIENT PROTECTION: TVS

OUTPUT

TYPE: Electromechanical relay
RATING: 3A @ 150 VDC maximum
10A @ 240 VAC 80% PF maximum

TIMING

AVAILABLE TYPE: On delay
REPEAT ACCURACY: ± 1% of setting
RESET TIME: 50 msec minimum
TIME RANGE: 1.5 to 120 cycles in 4 ranges or 0.5 to 300 sec in 4 ranges
RANGE TOLERANCE: ≤ 10%

PHYSICAL

OPERATING TEMP: -40° to 65° C (-40° to 150°F)
TIMING VARIATION VS. TEMP: ± 5% maximum
MOUNTING: Base mount
TERMINATION: Terminal blocks on face of timer
HOUSING: Metal
HI-POT: 1500V terminals to case, 1200V between open contacts
NOTE: Never apply HI-POT voltage across terminals A&B, 1&2, or D&4.



On Delay

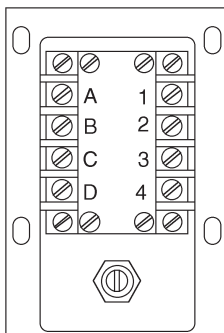
The 1017-SP7 is a intermittent duty on delay timer for electric utility applications capable of high voltage DC switching. It is equipped with transient protection and housed in a metal enclosure for maximum noise immunity. The timing dial is calibrated in AC cycles at 60Hz. or seconds.

WIRING

OUTPUT A

- A-B Voltage input
1-2 N.C. timed(1 positive)
3-4 N.O. timed(4 positive)

Wiring Terminal Location

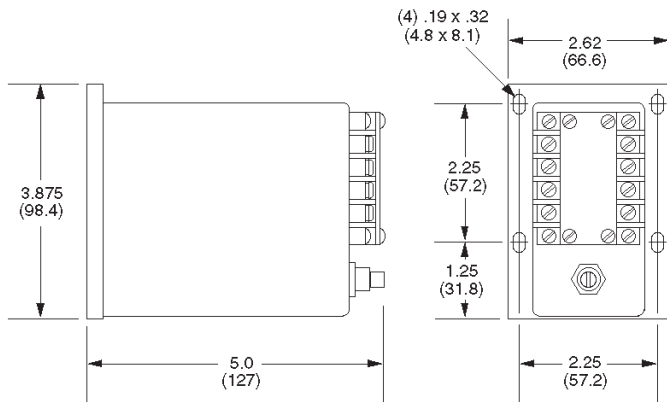


OUTPUT B

- A-B Voltage input
2-1 N.C. timed(2 positive)
2-3 N.O. timed(2 positive)
D-4 N.C. timed(D positive)
D-C N.O. timed(D positive)

In DC applications indicated polarity provides optimum arc suppression

DIMENSIONS Inches (millimeters)



ORDERING DATA

ORDERING CODE 1017 SP7 - B - 4 - B

BASIC MODEL NUMBER

1017-SP7

INPUT VOLTAGE

- D 24V AC/DC
A 48V AC/DC
B 120VAC/125VDC
C 240VAC/250VDC
E 208VAC/208VDC

TIME RANGE

- 1 1.5-30 Cycles* 7 0.5-30 Seconds
2 1.5-45 Cycles* 8 0.5-60 Seconds
3 1.5-60 Cycles* 9 0.5-120 Seconds
4 1.5-120 Cycles* 10 0.5-300 Seconds
(*Cycles at 60Hz)

TIMING FUNCTION

On delay

OUTPUT

- A Relay 1 N.O., 1 N.C.
B Relay DPDT

ACCESSORIES

See accessory section for details
Locking attachment RP-217