



Kanson Electronics, Inc.

INDUSTRIAL SOLID STATE TIMER

MODEL 1505 BASE MOUNT

SPECIFICATIONS

INPUT

VOLTAGE: 18V to 64V AC/DC
100VDC to 345VDC
90VAC to 260VAC

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, Zinc Plated Steel

TERMINATION: Terminal blocks on face of timer

HOUSING: Powder Coated Steel

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.



Continuous Duty Rated- On Delay

The 1505 is an on delay timer, built specifically for continuous duty, 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

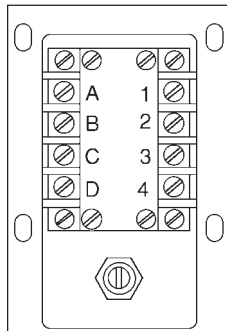
OUTPUT A

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

OUTPUT B

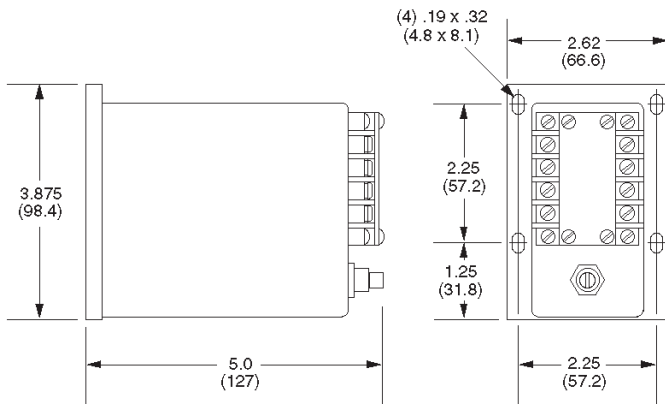
- A-B Voltage input
- 2-1 N.C. timed(2 positive)
- 2-3 N.O. timed(2 positive)
- D-4 N.C. timed(D positive)
- D-C N.O. timed(D positive)

Wiring Terminal Location



In DC applications indicated polarity provides optimum arc suppression

DIMENSIONS Inches (millimeters)



ORDERING DATA

ORDERING CODE 1505 - B - 4 - B

BASIC MODEL NUMBER

1505

INPUT VOLTAGE

- A 18V to 64V AC/DC
- B 100V to 345V DC
- 90V to 260V AC

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

Up to 345VDC Continuous Duty Timer