MODEL 1014UL SP13A INDUSTRIAL SOLID STATE TIMER **BASE MOUNT**





Instant Contacts simplify the timing control circuit. A separate relay, which operates in conjunction with the input power switch or control device, can be used to operate a separate control function. Timing function controls timing relay.

AC Control Circuit is compatible with both standard mechanical switches and solid state proximity sensors.

Many other specialty (SP) configurations available

ORDERING DATA

ORDERING CODE

1014UL-SP13A

BASIC MODEL NUMBER -

Remote Adjust between terminals 5 and 6 will

adjust timing as follows:

100K resistor 1% 1 sec.

73.2K resistor 1% 732 msec

47.5K resistor 1% 475 msec

21K resistor 1% 210 msec

APPLICABLE ACCESSORIES

See accessory section for details

RP-201 thru RP-210 Potentiometers

Reference dial RP-216 Locking attachment RP-217

SPECIFICATIONS

VOLTAGE: 120VAC

FREQUENCY: 50/60 Hz

TOLERANCE (VOLTAGE): ± 15% of nominal **POWER CONSUMPTION: 10 VA maximum TRANSIENT PROTECTION:** Isolation transformer

TYPE: Two electromechanical relays RATING: 10A @ 240VAC maximum

AVAILABLE TYPES: On delay, Off delay **REPEAT ACCURACY:** ± 1% of setting **RESET TIME:** 50 msec minimum **INDICATION:** LED, ON when timing

TIMING RAMP: 0.06 sec minimum time - $100k\Omega/sec$

 $0.5 \text{ sec minimum time} - 10 \text{k}\Omega/\text{sec}$ **TIME RANGE:** 0.06 to 500 secs in 12 ranges

RANGE TOLERANCE: $\leq 10\%$

CONTROL: Isolated contact closure or

AC proximity sensor **CONTROL TERMINALS:** A-C

VOLTAGE PRESENT AT CONTROL TERMINALS:

Same as input voltage

OPERATING TEMP: 0° to 50° C (32° to 120°F) **PHYSICAL TIMING VARIATION VS. TEMP:** ± 5% maximum

MOUNTING: Base mount

TERMINATION: Terminal blocks on face of timer

HOUSING: Metal

WIRING

OUTPUT

Voltage input (constant) A-B

Control (starts timing) A-C

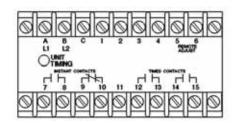
5-6 Remote adjust (never apply voltage)

7-8 N.O. instant

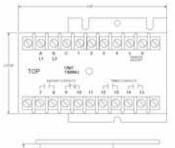
9-10 N.C. instant

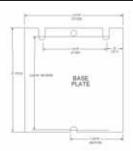
12-13 N.O. timed

14-15 N.O. timed



DIMENSIONS Inches (millimeters)





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