



Kanson Electronics, Inc.

INDUSTRIAL SOLID STATE RESISTANCE DETECTOR

MODEL 1232 BASE MOUNT

SPECIFICATIONS

INPUT	VOLTAGE: 120VAC, 24VAC/DC FREQUENCY: 50/60 Hz TOLERANCE (VOLTAGE): ± 10% of nominal POWER CONSUMPTION: 10 VA maximum TRANSIENT PROTECTION: MOV
OUTPUT	TYPE: Electromechanical relay RATING: 10A @ 240VAC maximum
RESISTANCE INPUT	SENSITIVITY: 1.0k to 1.0M in 5 ranges OPEN CIRCUIT VOLTAGE: 13 volts maximum SHORT CIRCUIT CURRENT: 5 mA maximum HYSTERESIS: Approximately 20%
TIMING	TYPE: On delay - Off delay (independently adjustable) REPEAT ACCURACY: ≤ 0.5% TIME RANGE: 0.05 to 1.0 seconds CONTROL: Resistance applied to terminals C & D
PHYSICAL	OPERATING TEMP: 0° to 70° C (32° to 120°F) TIMING VARIATION VS. TEMP: ± 5% maximum MOUNTING: Base mount TERMINATION: Terminal block on face of timer HOUSING: Metal



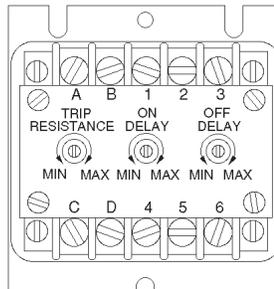
RESISTANCE DETECTOR WITH TIME DELAYS

The 1232 is useful where initial contact may be poor or the item to be detected may bounce against the sensing probes. Output operates when sensing probes come in contact with a material which provides a resistance value lower than the set resistance and after set on-delay. Output releases when the resistance between the sensing probes is greater than the set resistance and after set off-delay.

WIRING

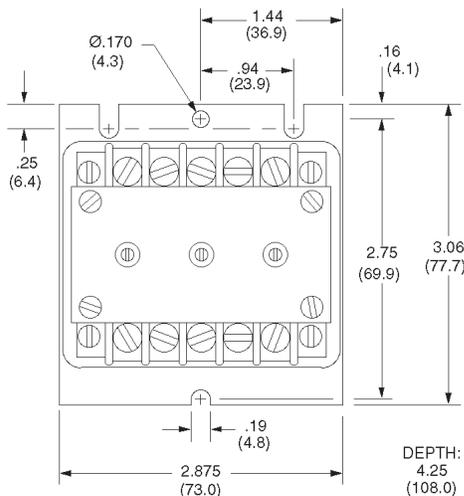
- A-B Voltage input (constant)
- C-D Control (energizes output)
- 1-2 N.O.
- 2-3 N.C.
- 4-5 N.O.
- 5-6 N.C.

Wiring Terminal Location

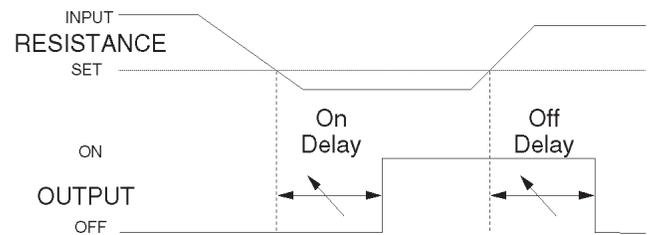


Caution: Never apply voltage to terminals C & D

DIMENSIONS Inches (millimeters)



OPERATION



ORDERING DATA

ORDERING CODE	1232 - 1 - A - B
BASIC MODEL NUMBER	1232
INPUT VOLTAGE	1 120VAC 2 24VAC/DC
SENSING RANGE	A 1.0k - 3.0k B 2.0k - 25k C 20k - 250k D 200k - 700k E 500k - 1.0M
OUTPUT	B Relay DPDT