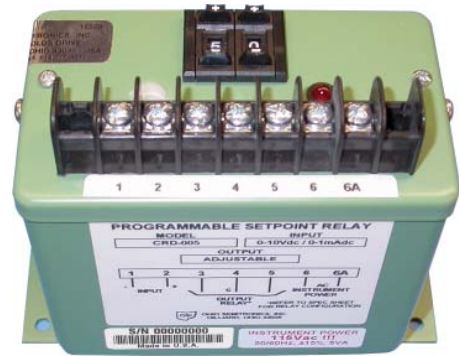


PROGRAMMABLE AS A PERCENT OF RANGE

FEATURES

- Programmable settings for either current or voltage input, threshold levels, and over- or under-relay alarms.
- Internal DIP-switches may be set for either 0-1mAdc or 0-10Vdc, and may be set for under-alarm or over-alarm relay operation.
- Factory setting “0-1mA and over-range alarm mode”
- Lid-mounted two-digit numerical push-button switch calibrated as percent of full scale with a threshold range of 1-99%.
- Red LED lamp lights to indicate when threshold level has been obtained.

5 YEAR WARRANTY



INPUT RANGE	INTERNAL SWITCH POSITIONS							
	1	2	3	4	5	6	7	8
	UNDER RANGE*							
0-1mA _{dc}	ON	ON			ON	ON		
0-10V _{dc}	ON	ON				ON		
	OVER RANGE**							
0-1mA _{dc} *			ON	ON	ON	ON		
0-10V _{dc}			ON	ON		ON		

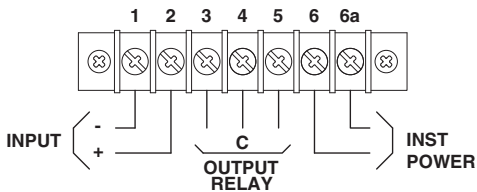
Highlighted area indicates Factory Setting. Unit is set at factory for the 0-1mA input and in the over-range alarm mode.

*The output relay will energize when instrument power is applied and the current is above the set point threshold. It will remain in a “Fail Safe” mode until either the input current drops below the set point threshold or instrument power is removed.

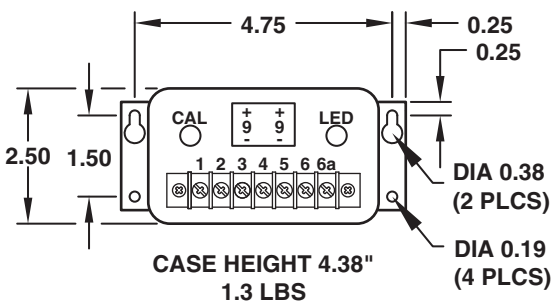
OUTPUT TERMINAL CONNECTIONS & LED OPERATION								
MODE OF OPERATION	UNDER RANGE*				OVER RANGE**			
	3	4	5	LED	3	4	5	LED
INST. POWER OFF	N/C	Com	N/O	OFF	N/C	Com	N/O	OFF
INST. POWER ON	N/C	Com	N/O	ON	N/O	Com	N/C	OFF
INST. PWR. ON INPUT BELOW SET POINT	N/C	Com	N/O	ON	N/O	Com	N/C	OFF
INST. PWR. ON INPUT ABOVE SET POINT	N/O	Com	N/C	OFF	N/C	Com	N/O	ON

** The output relay will energize when instrument power is applied and will remain in a “Fail Safe” mode until either the instrument power is removed or the input exceeds the set point threshold level.

CONNECTION DIAGRAM



CASE DIMENSIONS



All dimensions in inches

SPECIFICATIONS

INPUT

Current 1mA_{dc}
 Current Burden 1kΩ
 Voltage 0-10V_{dc}
 Voltage Burden 10kΩ
 Set Point (Digital) 1-99%, 1% minimum

DIELECTRIC TEST

Input to Output and Case 1500Vac

INSTRUMENT POWER 85-135Vac, 50-400Hz, 2.5VA

OUTPUT

Relay Form C, SPDT
 Rating 120Vac, 3A
 Response Time 10ms

ACCURACY

Accuracy Setpoint ±2 digits
 Resolution ±1 Digit
 Hysteresis ±1 Digit
 Temperature Effect (-10°C to +60°C) ±0.1%/°C

MECHANICAL

Mechanical Operations 1 Million