RANGES UP TO 20A AC CURRENT INPUT

FEATURES

- Programmable set-point relay setting for input current, threshold levels, over- and under-current operation.
- •Internal DIP-switch to set the current ranges of either 0-5, 0-10, 0-15, or 0-20 Amperes, and the relay mode for under- or over-current operation.
- Lid-mounted two-digit numerical push-button switch calibrated as percent of full-scale with a threshold range of 1-99 percent.
- Red LED lamp lights to indicate when threshold level has been obtained.

5 YEAR WARRANTY

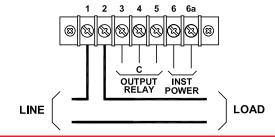
INPUT AND RELAY OPERATION SETTINGS

INDUT	INTERNAL SWITCH POSITIONS							
INPUT RANGE	1	2	3	4	5	6	7	8
104102	UNDER CURRENT*							
5	ON	ON						ON
10	ON	ON					ON	
15	ON	ON				ON		
20	ON	ON			ON		ON	
	OVER CURRENT**							
	1	2	3	4	5	6	7	8
5			ON	ON				ON
10			ON	ON			ON	
15			ON	ON		ON		
20			ON	ON	ON		ON	

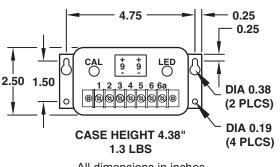
Highlighted area indicates Factory Setting. Unit is shipped from the factory with a 0-5 Amp input and in an over-current relay mode. The set point relay can be set to provide any one of the four current ranges and modes of operation.

*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.

CONNECTION DIAGRAMS



CASE DIMENSIONS



All dimensions in inches

OPERATION OF THE OUTPUT RELAY AND LED

OUTPUT TERMINAL CONNECTIONS & LED OPERATION								
MODE OF	UNDER-CURRENT*			OVER-CURRENT**				
OPERATION	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 CURRENT BELOW SET POINT	N/C	Com	N/O	ON	N/O	Com	N/C	OFF
INST. PWR. ON CURRENT 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 current exceeds the set point threshold level.

SPECIFICATIONS

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Current Ranges		See Table
Current Detection	5A Range	Current at 80mA
	10A Range.	Current at 160mA
	15A Range.	Current at 200mA
	20A Range.	Current at 220mA
Burden	Any Range.	0.5VA Max.
Over-current	Any Range,	continuous25Aac
	transient	50Aac (10s/Hr)
	transient	250Aac (1s/Hr)
Frequency		50-425Hz, 60Hz Nom.
Set Point (Digital)		01-99%, 01 minimum
Hysteresis		±1 Digit

DIELECTRIC TEST

Input/Output/Case	1500Vac
Internal Program Switch	8-Position DIP-switch

INSTRUMENT POWER85-135Vac, 50-400Hz, 2.5VA

OUTPUT

Relay	Form C, SPDT
Rating	
Response Time to 90%5A Range	
	250ms
15A Range	350ms
20A Range	550ms
CCUDACY	Cotroint 10 digito

ACCURACY Setpoint ±2 digits

PHYSICAL

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