MCI SERIES
CURRENT CONTROL RELAY

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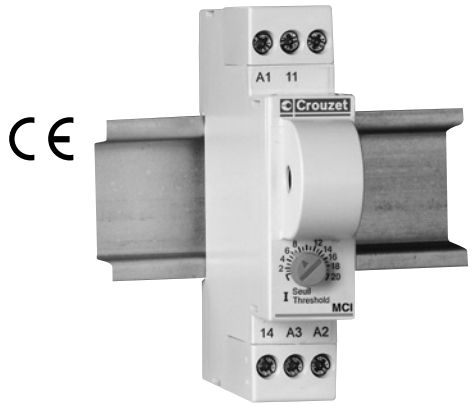
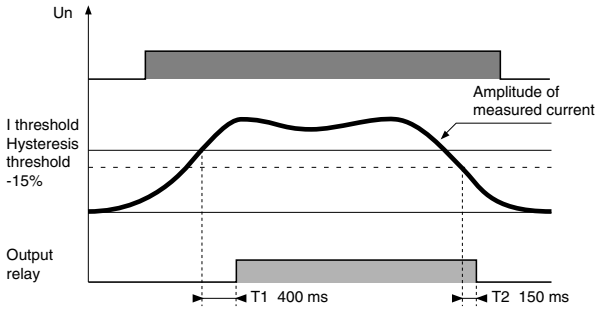
- **Simple to Install**
- **Built in Current Transformer**
- **1 to 20 Amp Current Control**
- **Space Saving 17.5mm Wide Enclosure**





When the value of the controlled AC current reaches the threshold displayed on the front face, the output relay changes state at the end of T1 (400 ms fixed). It returns to its initial position at the end of T2 (150 ms fixed), when the controlled current drops below the displayed threshold minus the fixed hysteresis of 15%.

Simple to install. 1.) Run the electric cable through the current transformer on the unit. 2.) Set the over current control threshold between 1 and 20 A. 3.) Connect power to the MCI.

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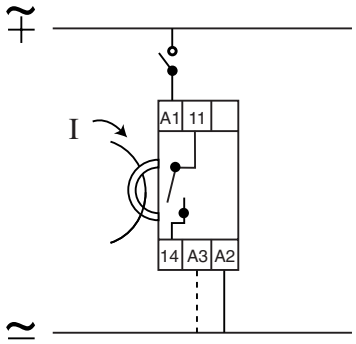
SPECIFICATIONS:

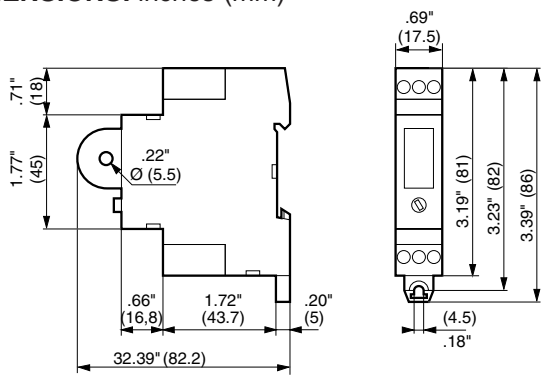
Input power	24 VAC/VDC, 110 to 240 VAC, 50/60 Hz
Input power operating range	24 VAC/VDC ±15% 90 to 260 VAC
Maximum power consumption	10 VA
Hysteresis	Fixed at -15% Threshold
Display accuracy of preset threshold	±10% of full scale
Repetition accuracy with constant parameters	±.5%
Temperature drift	0.08%
Voltage drift	0.01%/degree C
Power up delay	150 ms max.
Delay on threshold overrun T1	400 ms
Delay on downward crossing on threshold T2	150 ms
Output relay	SPST NO
Maximum output rating	5 Amp
Operating relay	+14° to +140°F (-10°C to 60°C)
Storage temperature	-22° to +150°F (-30°C to 70°C)
Weight	3 oz. (85g)
Conformity to EC Standards	Level 3 according to EN 1000-4-2 Level 3 according to EN 1000-4-3 Level 3 according to EN 1000-4-4 Level 3 according to EN 1000-4-5

WIRING DIAGRAM:



Input Voltage Connection: A1&A2 is 110 TO 240VAC
A1&A3 is 24 VDC/VAC

DIMENSIONS: inches (mm)



ORDERING INFORMATION:

Voltage	Part Number
24 VAC/VDC	84 871 102
110 - 240 VAC	

Products and specifications subject to change without notice.
Consult factory for application assistance.