CMC Series

Current Monitoring Card for External Current Limit Alarm

RoHS COMPLIANT

The CMC100 series is a stand alone DC current sensing module designed to provide a relay fault output when a set threshold current limit is reached. A fault threshold is easily set by selecting the range of current to be sensed and then fine-tuning the trip point via an on-board OFFSET trim pot. An adjustable fault delay of 200 mS - 15 S is also available in order to ride through momentary surges of current. A fault can be reset manually or set to automatic, where a fault will reset once current falls below an adjustable hysteresis point. This feature rich current sensing module is a valuable tool in new and existing systems where an added level of monitoring and protection is required.

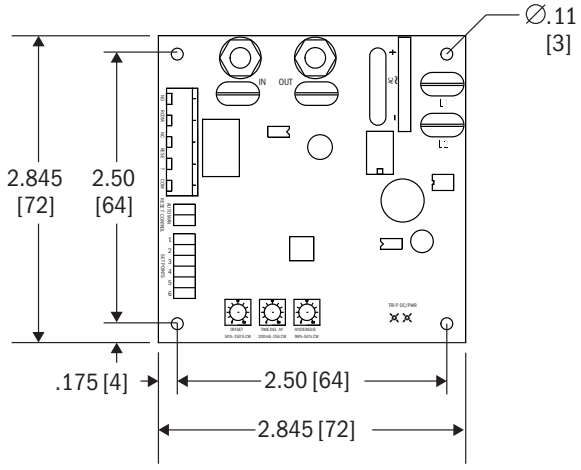
SPECIFICATIONS

Input Power.....-15 VDC @ 1.5 mA, 15 VDC @ 20 mA
Acceptable Input Devices .....Dry Contacts
Current-Sinking Open Collectors
TTL Logic Devices
Number of Switching Modes 4
Speed Adjust Potentiometers.....10K ohms
Maximum Reference Voltage to Drive..... ± 15 VDC
Ambient Operating Temperature Range .....10°C - 40°C

TRIM POTS

Offset
Time Delay
Hysteresis

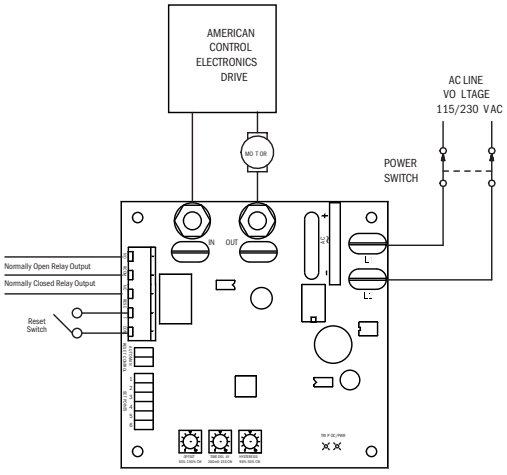
DIMENSIONAL DRAWINGS



FEATURES

External Current Limit Alarm: Can be used with any DC drive to provide a current limit alarm

WIRING



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CMC Series Quick Start Guide