

Intelligent Power Automation Control – Single Phase



Features and Benefits

- High precision (24 Bit) analog inputs sample voltage and current.
- Direct Memory Access (DMA) allows over 100 data samples of a single cycle at 60Hz.
- Solid state relay provides rapid switching to protect circuits.
- Ethernet communications supports static and dynamic addressing.
- Powered by either AC or DC voltage.
- Easily installed with either panel mount box or din rail.
- Real-time clock for data synchronization.
- Onboard data storage.

Series Overview

M-Series:

Measures the voltage and current of a standard AC signal and outputs the data on the network.

B-Series:

Measures voltage and current and if limits are exceeded, shuts down power.

I-Series:

Measures voltage and current and makes intelligent decisions based on configuration registers. Accepts commands from the Internet allowing prioritization of power, only powering critical loads when power is limited.

Connectors

Molex Mega-Fit (1720640004) for voltage input.

SMA female connector for current input, one for each phase channel.

RJ-45 jack for network communications.

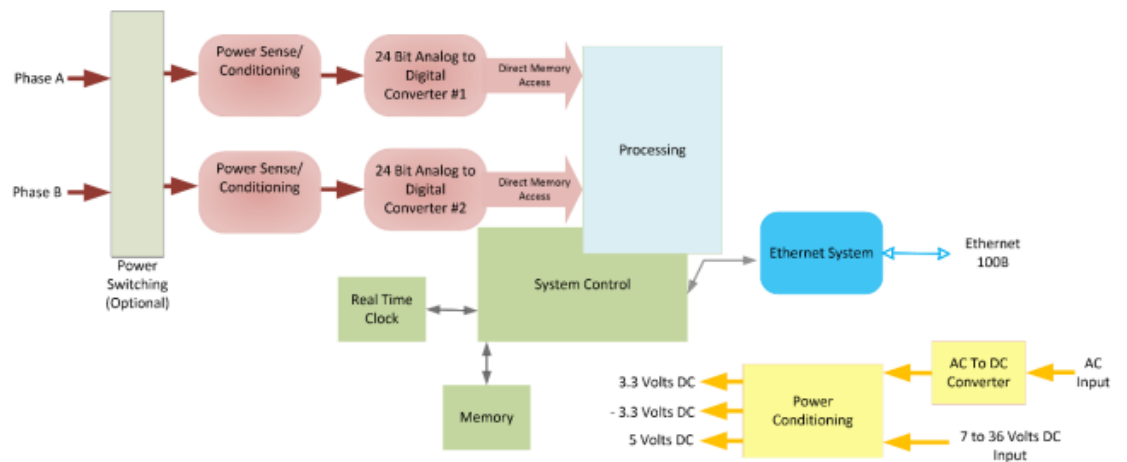
Connections must follow the wire list explicitly to ensure proper function and to avoid damaging the IPAC.

CONTACT US

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For more information on any of our products or services please visit us on the Web at:
www.extreme-endeavors.com

Specifications	
Communication Protocols:	Ethernet
Operating Temperature:	-40 °C to +85 °C
Power Consumption:	1.5W
Power Supply:	120 - 240 VAC, 9 - 36 VDC
Dimensions:	5.86 X 3.57 X 1.19
Enclosure Materials:	Aluminum
Input Current Ratings:	200 amps
Input Voltage Rating:	480 VAC



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