

Introductuion

Energom-MIOS system is a special design isolated signal remote I/O system, it linked a local area network designed to connect controllers to remote I/O chassis and replacement of discrete wirings by fieldbus or industrial Ethernet communication.

Energom-MIOS supports up to 31 slots with as many as 128 I/O points in each system. If you need more, you can expand your system with Ethernet router, easily support thousands of I/O points in a single system

Features

- Support universal Input Signal
- Local area network designed for factory-floor applications
- Connects controllers to remote I/O chassis and other intelligent devices
- Channel to channel isolated Remote I/O
- Built-In Web Server
- Dual Channel , Power Hot Swap Supported
- Support Multi Communication Protocols
- Flexibly Configuration With Sorts of Full Isolated I/O models
- Back board designed with redundant power-supply interfaces



Technical characteristics

Power supply:	
Power Supply	24VDC±10%
Power Consumption	Energom-MWG1 ≅ 1W, other module ≅ 3W
Group capacity:	
Analog input	Max 60 channels
Digital input	Max 60 channels
Analog output	Max 60 channels
Digital output	Max 60 channels
Energom-MWG1 module support up to 31units I/O modules	
Communication:	
RJ45 port	10m/100m Protocol Modbus TCP, TCP/IP, http Modbus TCP(client) Max 6 connections http (client) Max 2 connections
Modbus Port	Protocol Modbus RTU Address ID range 1~254
Isolation:	
Insulation Resistor	>100MΩ / 500V between the input / output
Isolation Strength	AC1500v 1min between the input / output
Other:	
Ambient Temp. / Humi.	-40 ~ 85 C / ≅ 95% RH
Dimensions	113 X 109 X N mm (N ≅ 17.5*32)
Terminal Wiring	Screw mounting, AWG #26-12
Comm Interface	Mini USB
Standard	EN61326-2003
LED Indicator	Normally lighting indicates power supplied and working normally, blinking indicates digital communication is under way.