

### Energom-M240

4 channels  
Digital Input Module

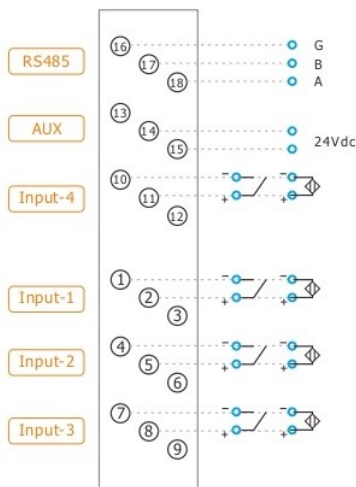
#### Description

The digital input module provides isolation between 4-channels discrete signal inputs, power, and network circuits.

Support RS-485 Modbus RTU protocol, can be works as independent signal isolator with communication. Multiple M series modules combine with Energom-MWG1 to build remote I/O DAS system.



#### Typical wiring



#### Technical characteristics

<b>Power supply:</b>	
Power Supply	15~30Vdc or 10~24Vac
Power Consumption	≅ 1.5W
<b>I/O capacity:</b>	
Valid input	Digital (Discrete) *4
Response Time	< 10ms
Input Resistance	3 K ohms
Detect loop power	~8V (OC output)
<b>Isolation:</b>	
Insulation Resistor	>100MΩ / 500V between the input / output
Optical Isolation	AC1500 volts (transient)
Isolation Strength	AC1500v 1min between all terminal
<b>Other:</b>	
Operation Temp.	-10~70 C
Ambient Temp. / Humi.	-40 ~ 85 C / ≅95% RH
Dimensions	113 X 109 X 17.5mm
Terminal Wiring Way	Screw mounting, AWG #26-12
Standard	EN61326 : 1997+A1: 1998+A2 : 2001+A3 : 2003
LED Indicator	Normally lighting indicates power supplied and working normally, blinking indicates digital communication is under way.