

DESCRIPTION

- RMN - 002 is a device that connects Digital Input / Output from external 8 Channel to 2wire system.
- Master I / O Module RMN - 002 can extend I / O up to 32 Channel by using together Digital Expansion I / O Module, number of 3 Module
- The selected I / O Channel is Output. You can select to use a 12 VDC power supply inside or use an external supply 12 - 30 Vdc. In each channel of RMN - 002, you can select to make an input or output. Each unit can be independently separated. The channel, which is the Input, will write data to Bus and Output.
- I / O Each channel has a separate display of working status.
- For RMN - 002, results will be displayed with LED Power Supply (Green), Run (Yellow), Line (Yellow), and Alarm (Red).
- For the RMN - 002 with 1 Relay Alarm works when there is a communication signal error

OPERATION

Digital Master I / O Module RMN - 002 is a device that serves to connect between Digital Input / Output from outside with 2 wire remote control system built - in. This module has Input / Output. 8 digital channels and when connected with Digital Expansion I / O Module can be expanded to 32 channels

On the Master I / O module, there are 3 sets of Rotary Switch, Phase, Frame and Box, used to set the position used in the communication within the 2 wire system. In addition, LEDs display the status of Supply, Run, Alarm, and input / output status of each channel

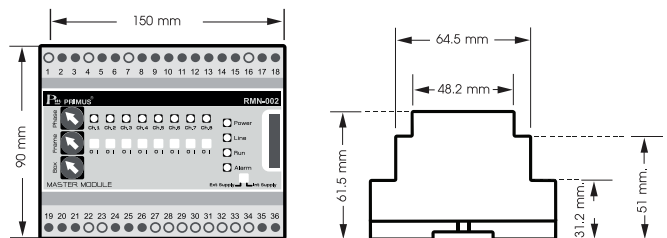
LED display (for RMN-002)

- LED POWER (Green) will be on when supplying power to the Master I / O Module
- LED RUN (Yellow) LED will be attached when the module receives a frame with numbers. Phase, Frame and Box match the setting on the Rotary Switch
- LED Line (Yellow) LED will be on when the module is connected to the 2 wire system and the module receives 2 wire signals
- LED Alarm (Red) LED will be on when the 2 wire signal that the module receives is faulty
- LED IO Status LED will be on when the I / O position is working

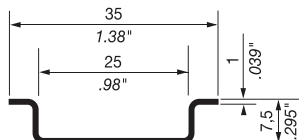
SPECIFICATION

Power Supply	220 VAC ± 10 % 50/60 Hz
Power Consumption	3VA
External Supply I/O Voltage	12-30VDC
Setting	3x Rotary Switch
Channel	8 Digital Input / Output (100mA, PNP Open Collector for Output, Dry Contact for Input)
Alarm Contact	5A/250VAC or 5A/30VDC
Operating Temperature	0 to 50 °C
Storage Temperature	-20 to 70 °C
Humidity	20 to 85 %RH
Insulation Resistance	>100M Ω (EN61010-1)
Installation Category	CAT II
Attitude	Not Suitable for Use Above 2000m.
Terminal size	For Cable from Ø 0.2 to 2.5 mm (AWG 22 to 14)
Material	PC-ABS (UL 94V-0)
Installation	DIN RAIL Mounting
Size	90 x 150 x 61.5 mm.
Weight	215 g.

DIMENSION



INSTALLATION



Alarm Relay operation

Is a relay with a NO, NC contact. Relay will run when the module finds a fault signal and stops when the module reads the signal normally