

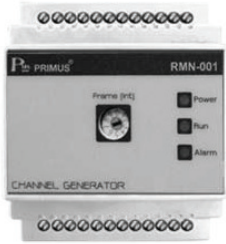
## 2 WIRE REMOTE SYSTEM

### RMN-001 CHANNEL GENERATOR

#### DESCRIPTION

RMN-001 is the Channel Generator for remote control through only two wires by functioning to create punch signal that contain information to set the rhythm of data synchronization between I/O Module to create the channel for I/O Module.

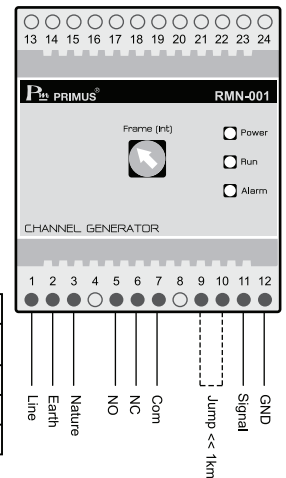
It can be sent through the signal into 2 Wire systems with the alarm output NO and NC that will work in case that the signal of 2-wire system works wrongly.



#### TECHNICAL SPECIFICATION

• Electrical supply Voltage	220VAC ±10%, 50-60Hz
• Electrical power rate	3 VA
• Tested Voltage	2.5 kV
• Working Temperature	-20 to 60°C
• Setting	Spinning button
• Display status (LED)	Green : supply electrical status Yellow : system status Red : problem alarm
• Relay output	1A/250VAC

#### WIRING DIAGRAM



Sending Type	Hi-Priority Mode								Lo-Priority Mode							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Rotary Switch CH. Gen																
#Ch.Max (Digital)	32	64	96	128	160	192	224	256	256	512	768	1024	1280	1536	1792	2048
#Ch.Max (Analog)	4	8	12	16	20	24	28	32	32	64	96	128	160	192	224	256
Sensitivity	62ms	125ms	187ms	250ms	313ms	375ms	430ms	500ms	62ms	125ms	187ms	250ms	313ms	375ms	430ms	500ms

### RMN-002 MASTER MODULE

#### DESCRIPTION

RMN-002 is the Master Module that will be the connector between digital input and output from outside and the remote control system through 2 Wire system. Master Module will have 8 channels of digital input and output and can be connected together with Expansion Input/ Output Module as highest at 32 channels. The Alarm channel displays on LED in case 2 Wire system has problem, it needs at least two Master Modules to install on the starting point and the end.

#### TECHNICAL SPECIFICATION

• Electrical supply Voltage	220VAC ±10% 50 to 60 Hz
• External electrical supply Voltage	12 to 24 VDC (for I/O Module)
• Electrical power rate	3 VA
• Tested Voltage	2.5 kV
• Signal channel	8 channels
• Expansion amount	3 Modules
• Working Temperature	-20 to 60°C
• Setting	spin adjust button
Phase	getting the value from 0-8 to setup the working mode
Frame	getting the value from 1-8 to set the frame position
Box	getting the value from 1-8 to set the box position
• Display status (LED)	
Green	POWER will show when supplying the electric to the Channel Generator
Yellow	RUN will show when receiving the data frame with no. of Phase, Frame and Box exactly as the setting values
Red	LINE will show when connecting the module to 2 Wire system
Red	Alarm will show when there is the problem in the system
Alarm Relay	will show as the touch screen NC and NO that show when the module signal works normally

#### WIRING DIAGRAM

