PRIMUS

CE

TECHNICAL SPECIFICATION

Power Supply		9-30 VDC or VAC, 180 mA @ 12 VDC
Power consumption		1.8 VA
Display		1 LED (Show Status Power Supply)
		1 LED (Show Status Tx)
		1 LED (Show Status Rx)
		RJ-45, 10/100 Base-T Haft/Full Deplex
Protection Port Ethernet		Ethernet Port 1.5 KV
Serial Port		RM-012-IP-232
		RM-012-IP-485
		RM-012-IP-232-485
		RM-012-IP-485-485
Communication	Protocol	TCP/IP (Configuration Parameter)
	Communication mode	TCP Socket, MODBUS
	Address	1 - 128
	Baud rate	2400, 4800, 9600, 19200, 38400, 57600 bps
	Parity	None, Even, Odd
	Data Bits	8 bits
	Stop Bits	1, 2
	Support device node	32
Ambient operation	Temperature	-10 ˚C to 60 ˚C
	Humidity	85 % RH Non-Condensing
Ambient storage	Temperature	-20 ˚C to 80 ˚C
	Humidity	85 % RH Non-Condensing
Protection degree		IP20
Installation		Panel, Mounting
Material		IP20 IEC 529, EN60529
Size		22.5 x 82.5 x 90.5 mm.
Weight		100 g.

DESCRIPTION

- Conveter device from TCP/IP to RS485/RS232
- Can set the device through the general browser page without installing the program
- There Is a LED Showing Status the working status
  - Power : LED ON when supplying power supply voltage 9 VDC
  - Tx : LED ON when sending signals
  - Rz : LED ON when receiving signals
- There is a 9 VDC Adapter to supply power voltage to RM-012-IP-10/100
- Able to communicate with protocols: Tcp socket modbus Tcp
- Communication rate : 2400, 4800, 9600, 19200, 38400 and 57600 bps.
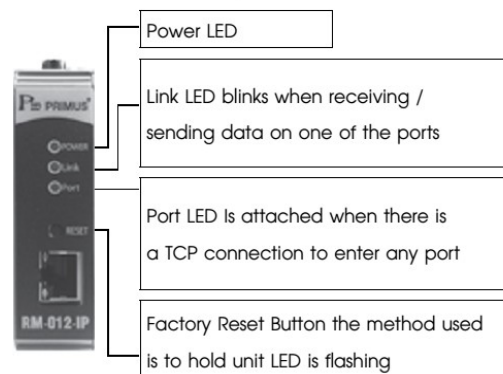
OPERATION

RM-012-IP-10/100 equipment for connecting to various industrial devices that support RS-485 or RS-232, such as PLC, CNC, Weighing Scale, Scanner, etc., allowing direct communication on TCP/IP newtworks.

Device settings RM-012-IP-10/100 Can be set up via a web browser page such as Internet Explorer without the need to install the program

RM-012-IP-10/100 Series is divided into 4 models, namely
- RM-012-10/100-232
- RM-012-10/100-485
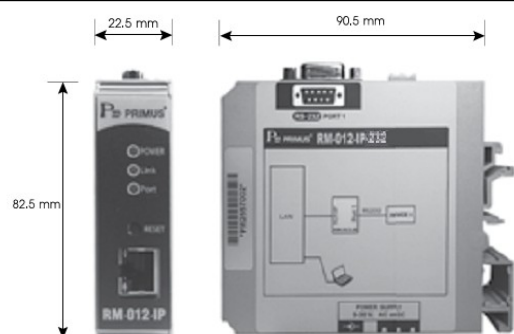- RM-012-10/100-232-485
- RM-012-10/100-485-485

DISPLAY INDICATOR

Power LED

Link LED blinks when receiving / sending data on one of the ports

Port LED Is attached when there is a TCP connection to enter any port

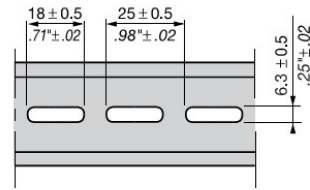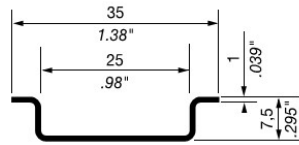Factory Reset Button the method used is to hold unit LED is flashing

⚠ WARNING
- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
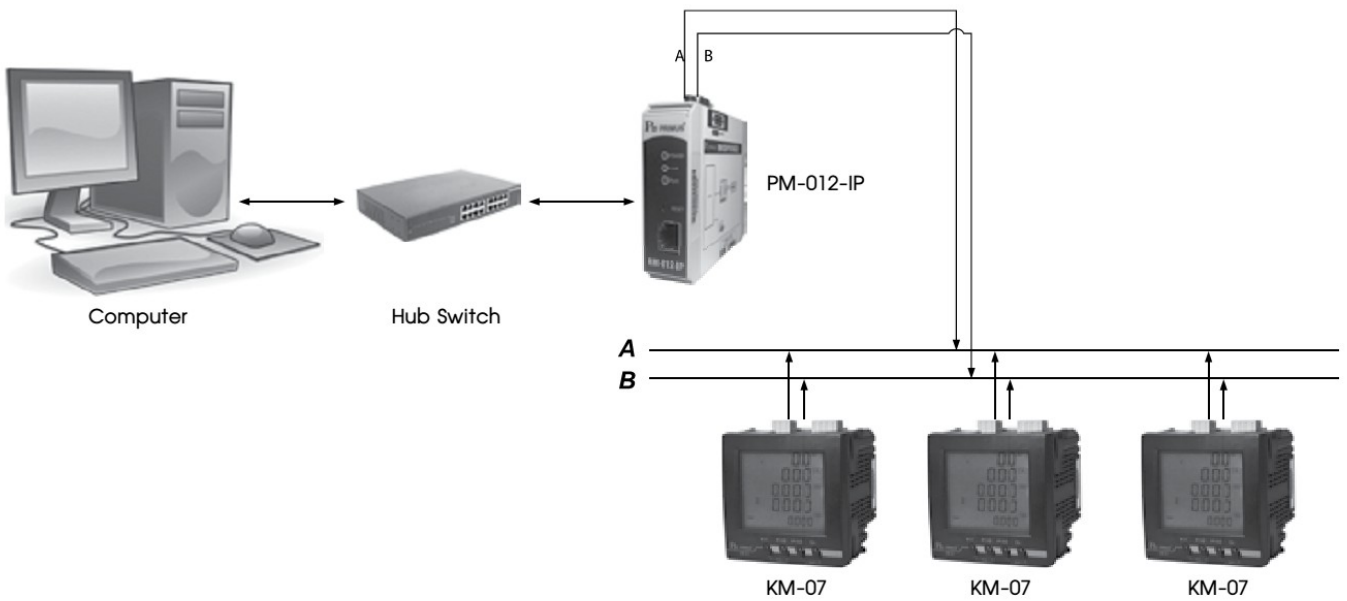- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

DIMENSION

22.5 mm   90.5 mm

82.5 mm

PRIMUS

INSTALLATION

DIN RAIL

35
1.38"

25
.98"

1
.039"

7.5
.295"

18 ± 0.5
.71"±.02

25 ± 0.5
.98"±.02

6.3 ± 0.5
.25"±.02

OPERATION RM-012-IP-10/100

Computer

Hub Switch

PM-012-IP

A
B

A
B

KM-07

KM-07

KM-07

ORDERING CODE

PORT 1

OPTION PORT 2

RM-012-IP- [   ] - [   ]

PORT 1	
232	RS-232
485	RS-485

OPTION PORT 2	
485	RS-485