TRANSLATOR
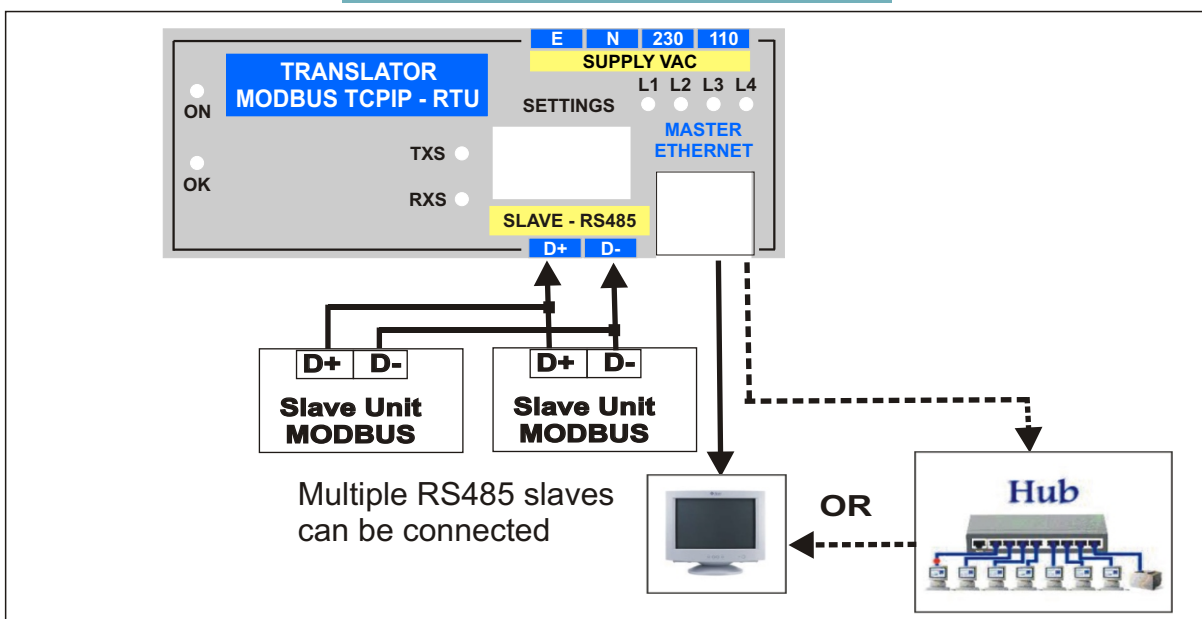
- Ruggedised, State-of-the-art Micro-controller based system

- User selectable baud rate for MODBUS RTU slave on DIP switch.

- LED Indications for master and slave operations for easy diagnosis.

- Read/write all MODBUS slave register from master.

- On request Slave side Modbus TCP and Master side Modbus RTU can be supplied.

Application

The TRANSLATOR is a Ethernet (PC LAN side Master) to RS232 or RS485 (RTU side - Slave) protocol converter converts MODBUS TCP-IP protocol to MODBUS RTU protocol.
MASTER side is Ethernet (PC LAN side). (TCP-IP protocol).
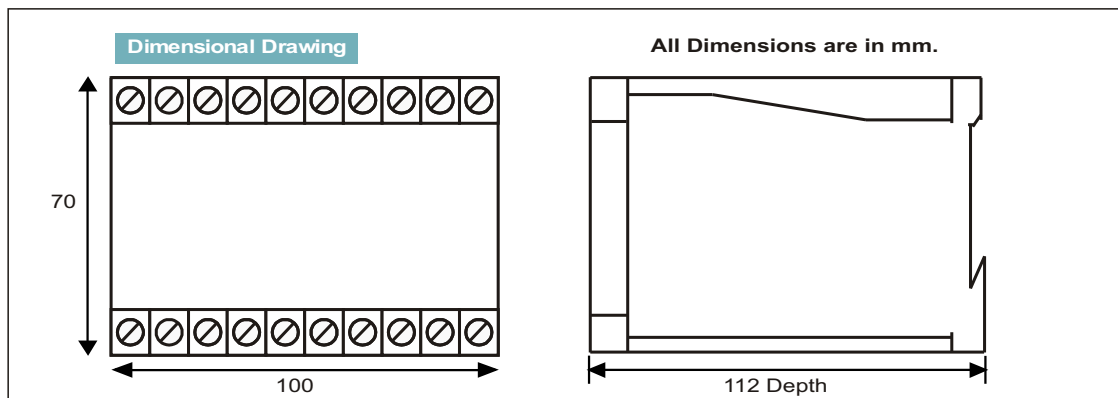SLAVE side RS232 or RS485 (2 wire). (MODBUS RTU protocol).

General Connection Diagram

Multiple RS485 slaves can be connected

OR

TRANSLATOR

TECHNICAL SPECIFICATIONS

MOUNTING	DIN rail mount ,ABS molded , 20 terminal box. 70 x 100 x 114 mm (H x W x D).
SUPPLY	230 VAC / 110 VAC ± 10%, 1ph, 50 Hz.
TERMINATIONS	Supply, RS 485 Slave side connections on screw type.
CONNECTORS	9 pin D type (F) connector for RS232-S.in case of RS232 only.Ethernet port on RJ45 connector.
SERIAL COMMUNICATION	MASTER SIDE - > ETHERNET TCP-IP protocol SLAVE SIDE -> RS232 or RS485 MODBUS RTU protocol.
SERIAL COMMUNICATION SETTINGS	Master side TCP-IP Baud rate (fixed) = 115.2kbps, station ID(fixed) = 1 Slave side -> RTU Baud rate 9600,19200,38400,57600 bps on DIP switch.
LED INDICATIONS	ON (Red) : Converter Power On indication. OK (Red) : Converter system OK indication. TXM / RXM (Red/Green):Transmit & receive indications on master side. TXS / RXS (Red/Green): Transmit & receive indications on slave side. L1 (ER) Output LED output 1, Red Ethernet status LED L2 (EG) Output LED output 2, Green Ethernet status LED L3 (SG) Output LED output 3, Red status LED L4 (SR) Output LED output 4, Green status LED, Watchdog reset line.
MODBUS RTU	On Master side Read/Writes coil status, input status, holding register, input register values of slave unit having MODBUS RTU protocol connected on RS232 or RS485 slave side.

Dimensional Drawing

All Dimensions are in mm.

70

100

112 Depth

Note : *Due to continuous development specifications may change without prior notice*