

# MTR-SPM Series

ezPLC

## Serial Modem For PLC

Serial modem for power line communication is the converter that converts RS232 / 422 / 485 serial communication data into power line communication method.

Able to communicate with the serial equipment by using installed power line without requiring separate communication railing work.

Moreover, able to transmit ethernet data besides serial data by using power line.

## Advantage

- Support for converting of diverse methods
  - Serial data     ◀▶ PLC data
  - Ethernet data   ◀▶ PLC data
  - Ethernet data   ◀▶ serial data
- Communication with enabled with existing power line without requiring a separate communication line.
- Easy to install and to use at the industrial sites by attaching onto DIN rail.



MTR-SPM-D200A

## Specification

Serial Port			
Interface	RS - 232 / RS - 422 / RS - 485 / Zigbee	Signals	RS - 232 : TxD, RxD, RTS, CTS, GND RS - 422 : TxD+, TxD-, RxD+, RxD-, GND RS - 485 : TRxD+, TRxD-, GND
Connector	DB9, Terminal Block		
Baud Rate	110 bps to 921.6 kbps		
Data Bits	5, 6, 7, 8	Ethernet Port	
Stop Bits	1, 2	Standard	IEEE 802.3u (10/100 Base-T)
Flow control	None, RTS / CTS, Xon / Xoff	Connector	RJ-45 UTP-Cat.5
PLC (Power Line Communication)		Hardware	
Payload Speed	Up to 198 Mbps OFDM@1024QAM	LED	COM, ETH, ALC, PWR
MAC Throughput	Max. 120 Mbps	Management	Web Management, Console
Coverage	Up to 200 m	Dimension	200 X 120 X 40 mm
Frequency	2 ~34 MHz	Power Consumption	Max. 5.5 W
MAC	CSMA / CA	Standard	IEEE802.3u, EIA/TIA RS232 / 422 / 485
Standard	OPERA	Reset	Reset to Factory default

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## Application

