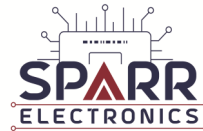


DLMS < > MODBUS CONVERTER



- The DLMS to Modbus Converter is a smart communication device that provides seamless integration between DLMS energy meters and Modbus-based devices such as PLCs and SCADA. It simplifies data exchange by converting DLMS parameters into Modbus registers for real-time monitoring and control.
- It reads electrical parameters from DLMS meters through RS232 and converts them into Modbus RTU/TCP registers that can be directly accessed by industrial controllers.
- The converter automatically maps selected OBIS codes (from the DLMS meter) to Modbus holding registers, allowing real-time monitoring of voltage, current, frequency, power, and energy data.
- It simplifies communication between utility-grade DLMS meters and industrial automation systems.



Features & Specifications

Interface

Interface	USB 2.0, RS 485
Baud Rate	9600 to 115200 bps
Parity	None
Connector	3 way screw terminal for RS485, DLMS(RS485), Type C for USB & 2 way screw terminal for power
Nodes	up to 32 on MODBUS
Cable length	1200 meters maximum for RS 485
Isolation	2500Vrms between RS485 & AC Power
Protocols	Modbus, DLMS

Indicators (LED)

Red	Power
Yellow	Status
Red	Transmit Data (TDX)
Yellow	Receive Data (RDX)

Power

Input Voltage	90-265 Vac
Current	15mA at 230Vac

Environmental

Operating	0 °C to 65 °C
Storage	0°C to 75 °C

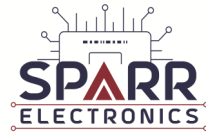
Packaging

Dimensions	90mm (L) x 36 mm (W) x 57 mm (H)
Weight	75g
Warranty	12 Months
Mounting	35mm DIN Rail, Table top

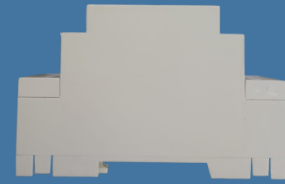
Sparr Electronics Limited

414A, 7th Main Rd, 1st Block, HRBR Layout, Banaswadi, Bengaluru, Karnataka 560043, INDIA
Bangalore: +91-9900477055, +91-80-41278033 For more details visit: <http://www.sparrl.com>

DLMS < > MODBUS CONVERTER



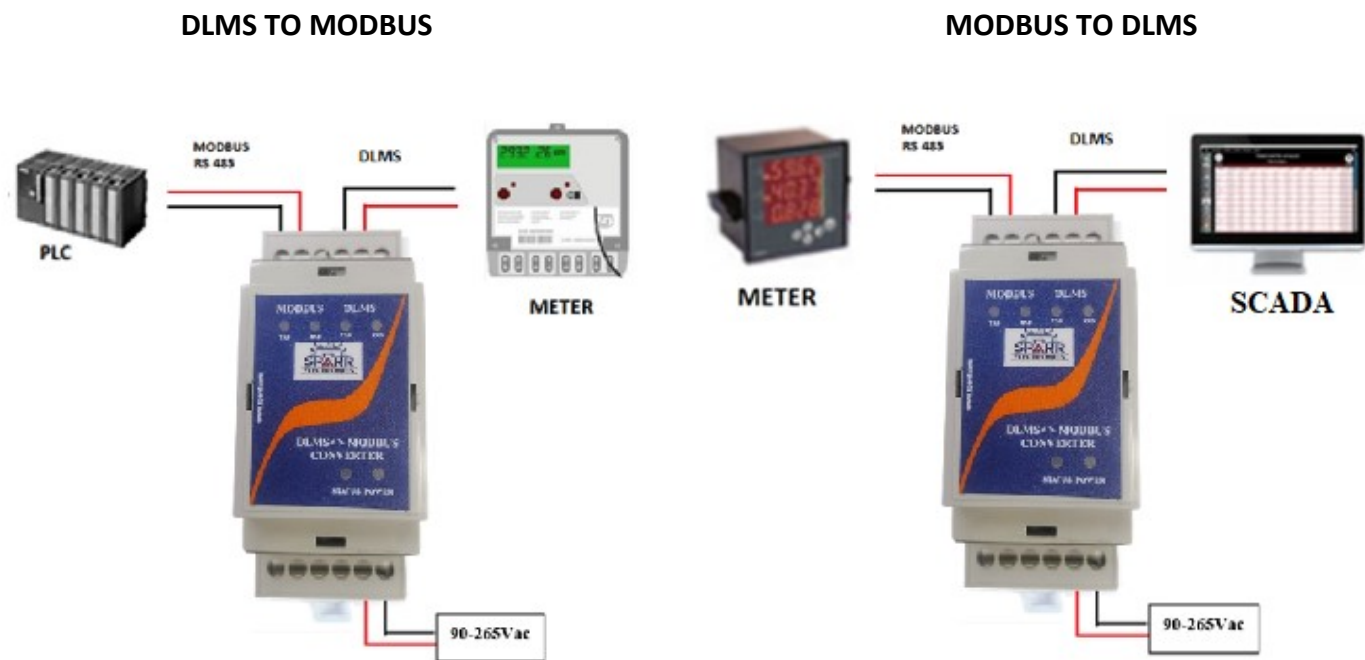
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Applications

- Building Management Systems.
- SCADA and Industrial Automation.
- Substation Monitoring.
- Energy Management Systems .
- Industrial Automation.
- Renewable Energy Plants.

Connection Diagram



Part Number	Model	Deliverables
2770015734	DLMS <> MODBUS CONVERTER	Converter

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