

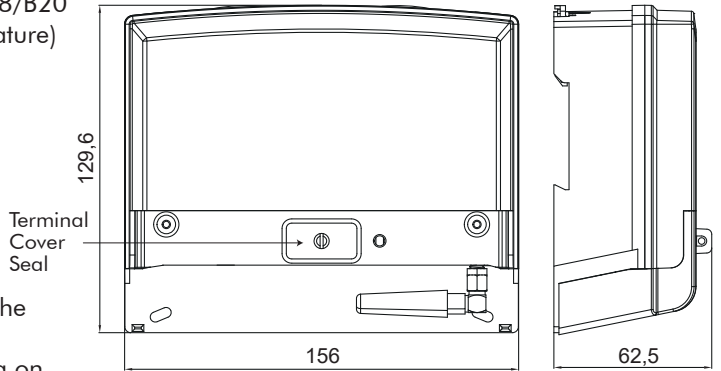


BAYLAN MT.04-H OSOS Modem



General Specifications

- GSM/GPRS/EDGE 900/1800 MHz, LTE-FDD B1/B3/B5/B7/B8/B20
- GSM/GPRS (2G/4G) communication (Automatic switching feature)
- LTE Cat 4 category
- Compatible with all operators
- Arm Cortex High Speed Microcontroller
- Isolated RS485 connection
- Remote and local software update
- 32MB internal memory (optionally expandable)
- SMS, FTP, Real Time Clock (RTC) and NTP support
- Defining and implementing scheduled and periodic tasks
- Reporting the status of Energy, Terminal Cover and Inputs to the data center
- Automatic speed adjustment of 300-115200 baud depending on the type of Electricity Meter
- Short and Long Readout, Obis Code and Load Profile Reading in Compliance with IEC 62056-21C protocol
- Access control in transparent mode



Technical Specifications

Model Name	MT-04H
Reference AC Voltage (Un)	57-270V AC
Reference DC Voltage	100-120V DC (Optional)
Operating Frequency	50 Hz $\pm$ 5%
Maximum Current Consumption	57V / 0,04A - 270V / 0,014A
Maximum Power Consumption	57V / 2,28W - 270V / 3,78W
IP Class	IP54 (Outdoor)
Protection Class	Two (2)
Operating Temperature	-40 °C, +70 °C
Communication	RS485, GSM/GPRS, LTE
Standards	EN 62368-1 / EN 55032 / EN 55035
Memory	32 MB (expandable to 64 MB)
Relay Outputs	2 pcs
Digital Input	Up to 4 pcs (Optional)
Protocols	IEC 62056-21 Baylan Protocol

"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."