



BAYLAN MD.01 OSOS Modem



General Specifications

- Quad-Band GSM850 / EGSM900 / DCS1800 / PCS1900 Mhz
- GSM / GPRS (2G) communication
- Arm Cortex High Speed Microcontroller
- Dual RS485 connection. (+ RS232 Optional)
- Remote software update
- 4MB internal memory (can be increased optionally)
- Real time clock (RTC) and NTP support
- Define and execute scheduled tasks
- Reporting power outages to the data center
- 300-115200 baud automatic speed setting depending on the type of electricity meter.
- Relay output and digital input
- Reading Short and Long Packet, Obis Code and Load Profile in Compliance with IEC 62056-21C protocol.
- Access control in transparent mode

Technical Specifications

Model Name	MD.01
Reference Voltage (Un)	230 V
Operating Frequency	50 Hz $\pm$ 5%
Maximum Current Consumption	0.03 A
IP Class	IP54 (Outdoor)
Protection Class	Two (2)
Operating Temperature	-40 ° C, +70 ° C
Communication Speed and Interface	RS485, RS232, GSM, GPRS
Related Standards	TS EN 60950-1
Memory	4 Mb
Relay Output Up to	2 dry contacts (Optional)
Digital Input Up to	4 (Optional)
Protocols	IEC 62056-21
	Baylan Protocol