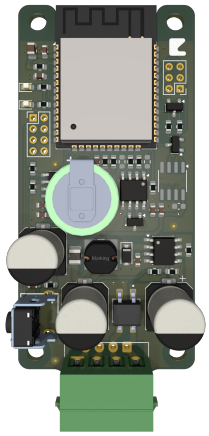
Read the user manual carefully before using the device! Responsibility for any damage, loss, or accidents to persons arising from failure to comply with the warnings in the user manual belongs to the user. In case of malfunctions under these circumstances, the device will be out of warranty.

ENDA WIFI

Remote Control Module



- WiFi 802.11 b/g/n
- Advanced data logging capability
- Real-time monitoring and parameter adjustment of ENDA devices with Modbus RTU via EndaLink application
- Supports dual connection methods: Modbus RTU and TTL for flexible integration
- Live data tracking of connected devices
- Wide supply voltage range: 12-24VAC / 12-24VDC
- Communication status LEDs for easy diagnostics
- CE marked in accordance with EN standards
- User-friendly interface for seamless operation
- Remote firmware updates for enhanced functionality
- Supports up to 1 slave device at a time

ORDER CODE : ENDA-WIFI-RS
ORDER CODE : ENDA-WIFI-TTL

Technical Specifications

Electrical Specifications	
Supply Voltage	12-24V DC - 12-24VAC 50/60Hz
Power Consumption	Max 0.25A - 3VA
Wiring	1.5mm2 terminal
EMC	EN 61326-1: 2021
Sensitivity	EN 61010-1: 2010 (Pollution degree 2, overvoltage category II)

Environmental Specifications	
Storage/Ambient Temperature	0 …+35°C / -20 …60°C
Relative Humidity	Operates at %80 up to 318°C, then linearly decreasing to %50 at 40°C
Protection Rating	IP00 according to EN 60529 standard
Operational Height	Max 2000m

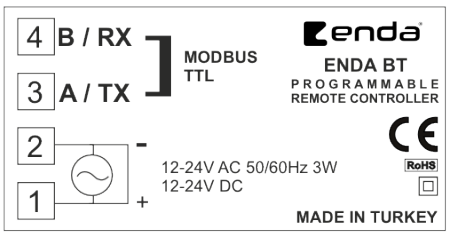
⚠ **KEEP AWAY device from exposed to corrosive, volatile and flammable gasses or liquids**

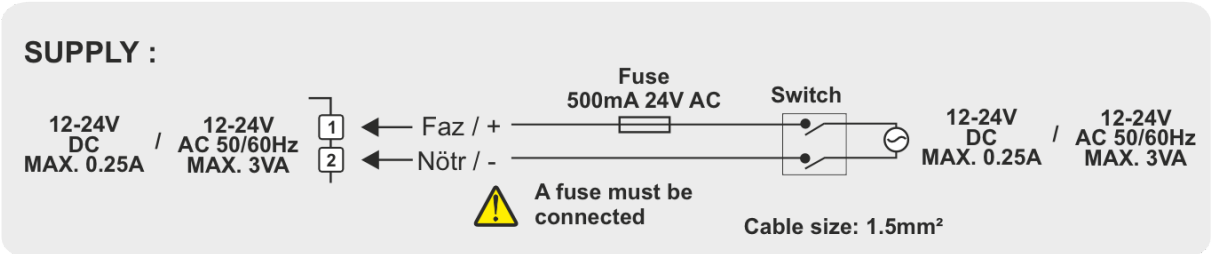
Physical Properites	
Mounting Style	Mounted by screwing
Dimensions	W32xH66xD15mm
Weight	Approximately 100 grams

⚠ **The device must not be physically touched without dielectric materials. Clean the product only with professional PCB cleaning agents.**

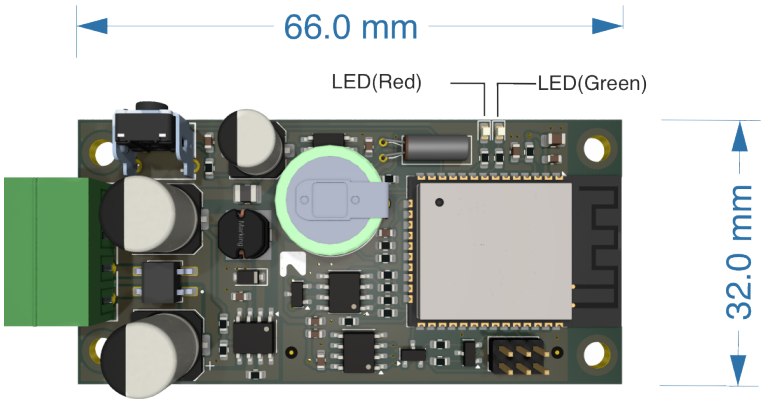
Connection Diagram

⚠ The device must be used in accordance with the instructions. There should be no electricity in the connection cables during assembly. The device must be protected from moisture, vibration, and contamination. Attention should be paid to the operating temperature. Shielded and twisted cord cables should be used in input and output lines that are not connected to the mains. These cables should not be routed near high power lines and devices. The shield line should be grounded from the device side. Installation and electrical connections should be made by technical personnel in accordance with the instructions in the user manual.





Dimensions and Montage



Motage:
1: Mount using M3 screws.

2: Electrical connection should be made by paying attention to the wiring diagram

LED Indicators And Reset Button

LED	ON	OFF	FLASH
Red	Modbus activity	No Modbus activity	• Modbus initialization failed (1 second on 1 second off)
Green	Message transfer over BLE or MQTT	No network activity	• Wifi initialization failed (1 second on 1 second off) • BLE initialization failed (2 seconds on 2 seconds off) • MQTT initialization failed (3 seconds on 3 seconds off)

The green LED will turn on briefly during message transfers over BLE or MQTT and will automatically turn off after the transfer is complete. Different blinking patterns of the green LED indicate different initialization failures as noted in the table above.

ENDA WIFI has a **reset button**. To reset **ENDA WIFI** to its default settings, press and hold the button before powering on the device. Then power on the device. When the device turns on, the green and red LEDs will blink quickly 3 times. In this case, the device's settings will be reset to factory defaults.

ENDALINK

ENDALink is a mobile application that enables fast and secure data sharing between Bluetooth-supported ENDA devices and mobile devices.

You can access the EndaLink application from Google Play and the App Store by scanning the QR code below.