



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 BT

Remote Control Module

- Bluetooth 5
- 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
- HACCP-compliant alarm tracking
- 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



ORDER CODE : ENDA BT

Technical Specifications

Electrical Specifications

Supply Voltage	12-24V DC - 12-24VAC 50/60Hz
Power Consumption	Max 0.25A - 3VA
Wiring	1.5mm ² 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 Properties

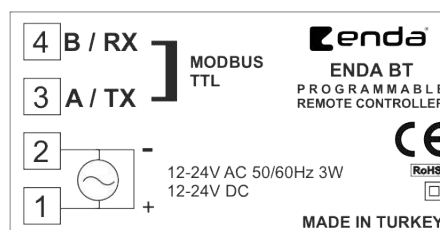
Mounting Style	Mounted by screwing
Dimensions	W32xH66xD15mm
Weight	Approximately 100 grams

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

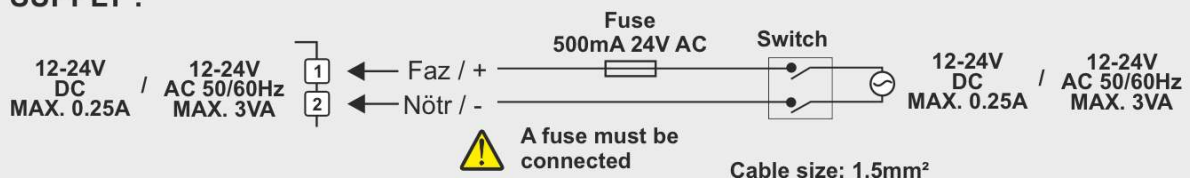
Connection Diagram



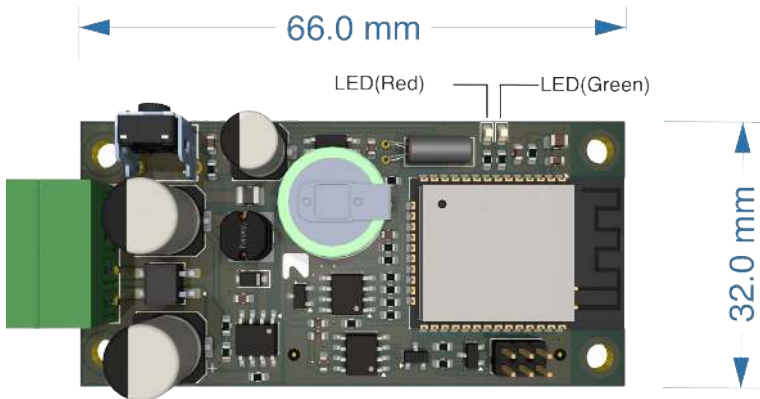
The device must be used in accordance with the instructions. There should be no electricity in the connection cables during assembly. The device must be protected from moisture, vibration, and contamination. Attention should be paid to the operating temperature. Shielded and twisted cord cables should 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.



SUPPLY :



Dimensions and Montage



Montage:

- 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
Mod bus (Green)	Initialize error / Communication error	No activity	*Auto scan working(Fast) / Mod bus activity(Slow)
Bluetooth (Red)	Initialize error / Communication error	No activity	Initialize / BT activity

**ENDA BT supports one Modbus RTU slave device. If there are multiple Modbus RTU slave devices in the network, the auto scan feature will identify the first device that responds to the request. The auto scan process starts at the lowest address with a baud rate of 9600 and continues to scan through all addresses and baud rates until a device is found.*

ENDA BT is equipped with a **reset button**. Press and hold the button for **10 seconds** to restore the **ENDA BT** to its default settings. The settings that will be reset include the admin password, user password, and pair name.

Default Admin Password: 654321

Default User Password: 123456

Default Pair Name: ENDA BT

The **ENDA BT** device supports two different access levels: **User** and **Admin**. The user password allows viewing parameters and alarms, and changing the control set point. The admin password provides full access to change **ENDA BT** settings, alarm configurations and parameters.

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.

