

## Care, faults & disposal

### Care and servicing

Isolate supplies before cleaning with a soft, dry cloth. Do not use liquids or solvents. Do not open, modify or repair the gateway.

If damaged, wet, unusually hot or emitting an unusual smell, stop use. Have a qualified installer isolate it safely.

For faults, contact Elausys with the product identification, firmware version and symptoms.

### Before removal or transfer

Have the alarm installer restore required monitoring, remove obsolete control permissions and arrange secure removal of configuration with Elausys.

### Electrical waste

Do not put this device in household waste. The crossed-out wheeled bin indicates separate collection of electrical equipment.

Use an authorised electrical-waste collection point or supplier return scheme. Recycling protects health and the environment.

Sort packaging according to local collection rules.

## Manufacturer & documentation

### Manufacturer

#### Elausys SRL

Rue de la petite ferme 5C  
4218 Couthuin  
Belgium

#### Support:

[info@elausys.be](mailto:info@elausys.be)  
[elausys.com](http://elausys.com)

### EU conformity documentation

For the EU Declaration of Conformity for AJAX-MBTCP, contact Elausys at the email address above. Quote the product reference and the identification shown on the device.

### Manuals and downloads

Access the product user manual and Quick Start Guide through the Elausys Support Center.

[elausys.com/en/support](http://elausys.com/en/support)



Scan for product documentation.



Design. Integrate. Visualise.

# AJAX-MBTCP

## Safety & regulatory information

ENGLISH

### Read before installation

Read this notice and the product user manual before installation. Keep both and pass them to the end user.

### Intended use

AJAX-MBTCP connects compatible AJAX Hubs to Modbus TCP controllers for alarm status monitoring and optional arm/disarm control.

Local SIA events provide status feedback. Arm/disarm commands require internet access and AJAX cloud availability.

**Do not use the gateway as a substitute for the alarm system or as the sole input to a life-safety function.**

## Electrical safety

**WARNING - Hazardous voltage may be present in the installation cabinet and alarm power supply.**

Installation and wiring must be performed by a qualified electrical installer in accordance with applicable national rules.

Before wiring or removal, isolate relevant supplies, prevent reconnection and verify absence of voltage. Follow the alarm equipment isolation procedure, including any backup supply, when working on it.

Use a regulated, safety-isolated 12-30 VDC supply. Observe the marked polarity. Never connect mains voltage to a gateway terminal.

Keep low-voltage wiring separate from mains. Prevent loose strands and contact with live parts.

## Installation environment

Mount on a DIN rail in a dry indoor enclosure. Protect from moisture, condensation, dust and heat. Ambient temperature: +5 °C to +45 °C.

Do not install or energise a damaged device.

## Connections & limits

### Essential technical data

**Product:** AJAX-MBTCP

**Auxiliary supply:** 12-30 VDC

**Ambient:** +5 °C to +45 °C

**Mounting:** DIN rail, 2 modules

**Network:** Ethernet RJ45

**Modbus TCP:** port 502, Unit ID 1

**Clients:** 2 simultaneous

### Connection requirements

Connect 12-30 VDC to the bottom screw terminal, observing + and -. Connect RJ45 Ethernet to the AJAX Hub local network.

Before power-up, check voltage, polarity, mounting and wiring against the manual.

### Protect alarm monitoring

**SIA reporting to this gateway replaces the existing destination. A separate SIA monitoring service cannot run alongside it.**

Agree reporting changes with the alarm installer and monitoring provider first.

## Commissioning & secure use

Follow the manual for web and Modbus setup. Verify area mapping and coil offsets.

Agree alarm tests with the owner and monitoring provider. Verify commands and feedback in AJAX before enabling automation.

Network LED: Ethernet link. Connected: AJAX communication. LEDs do not verify all statuses.

**Zone status may remain stale after communication loss. Detect the loss; do not treat stale data as a safe state.**

Zones normally report when armed or in Night Mode. Always Active also triggers alarms while disarmed.

Partial arming sets global Night Mode. With groups enabled, disarming one group does not disable Night Mode.

### Protect control access

Restrict LAN and Modbus access to authorised controllers. Do not expose gateway services to the internet. Limit commands to authorised users.

Use Elausys firmware and update instructions. Maintain power and verify operation afterwards.