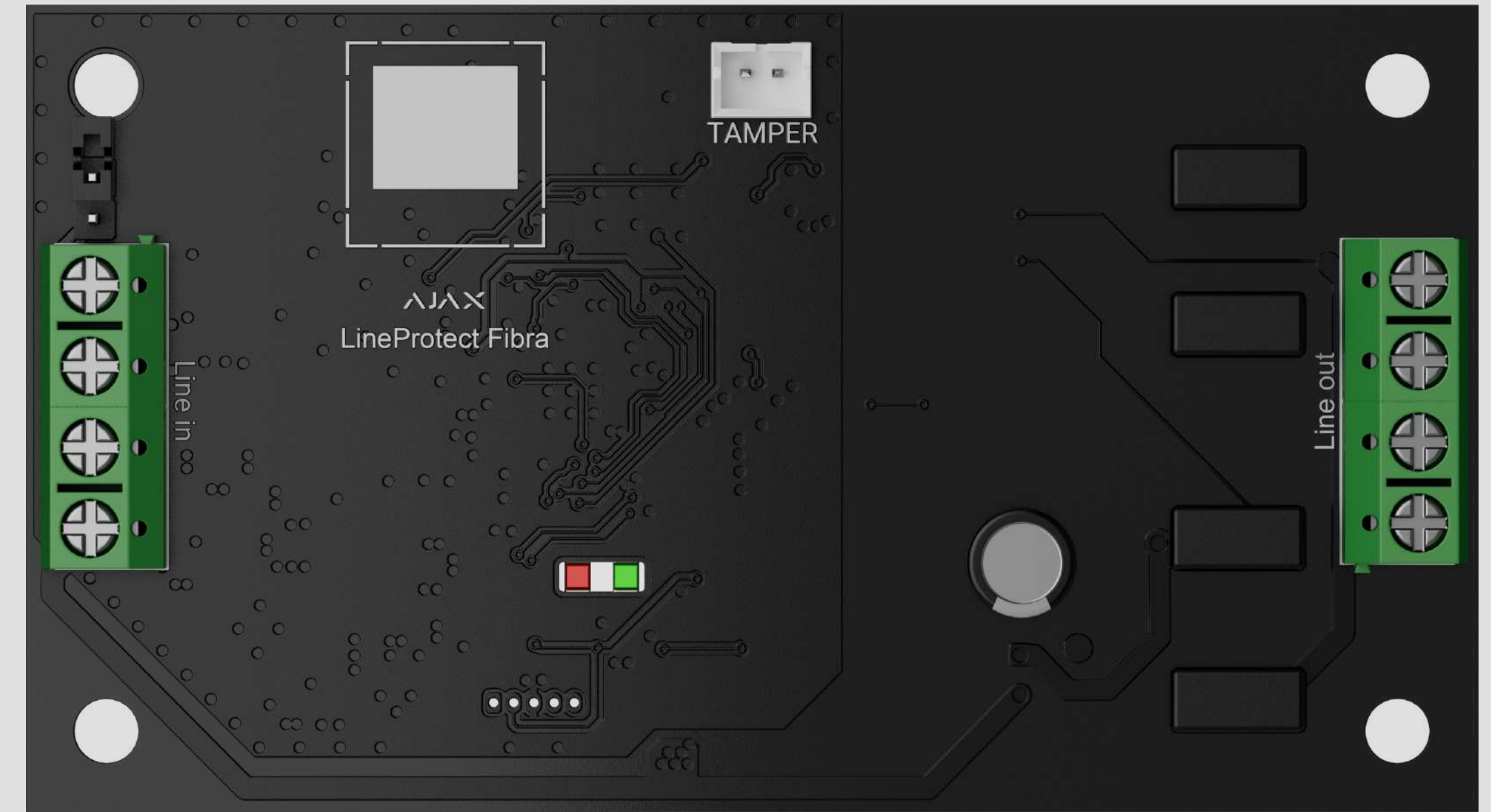


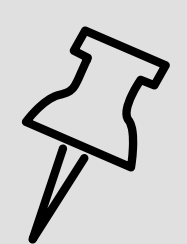
# LineProtect Fibra

Module to protect devices on the Fibra line from short circuits and sabotage.

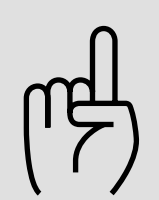


The module is compatible only with hubs supporting Fibra protocol.

Find the detailed information by QR code or the link:

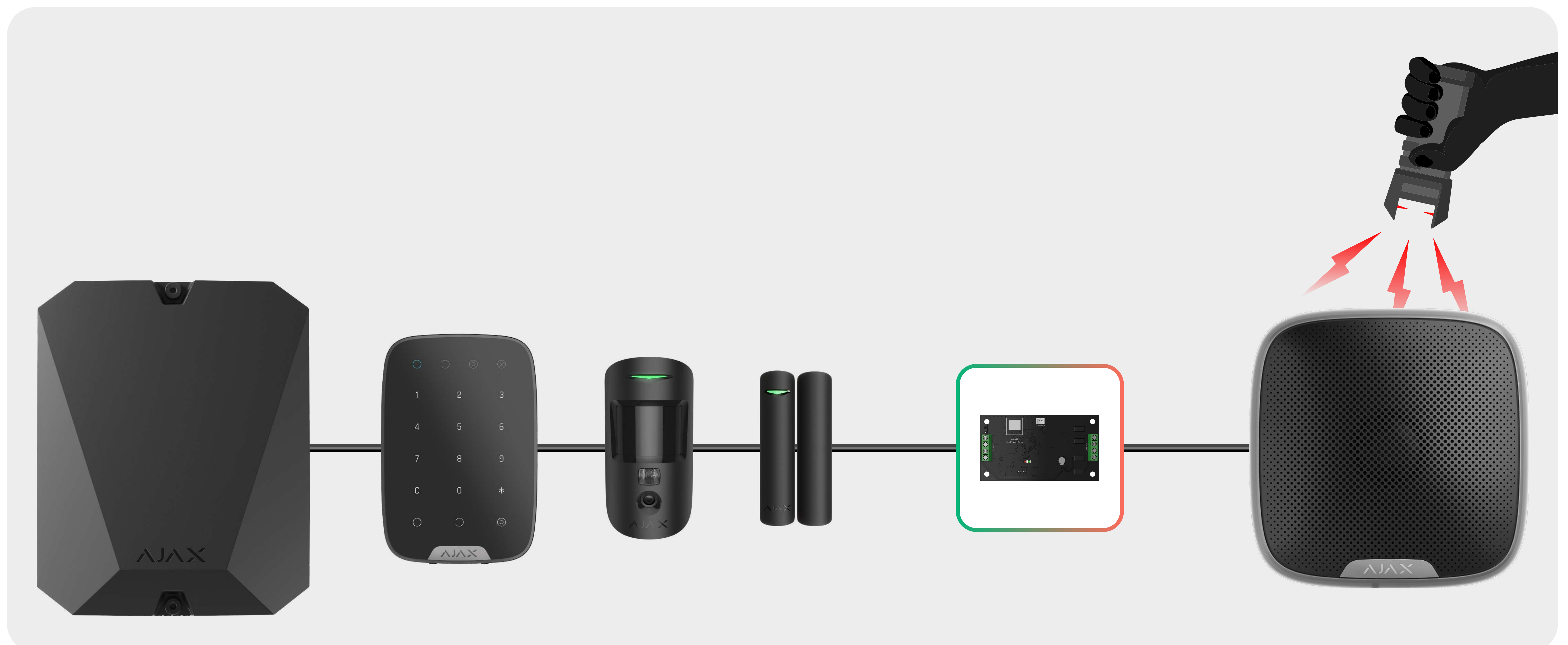


[ajax.systems/support/devices/lineprotect-fibra/](https://ajax.systems/support/devices/lineprotect-fibra/)

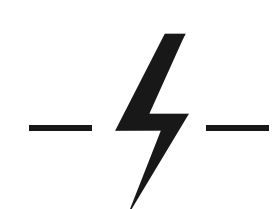


LineProtect Fibra is the device of the Fibra wired product line. Only accredited Ajax Systems partners can sell, install, and administer Fibra products.

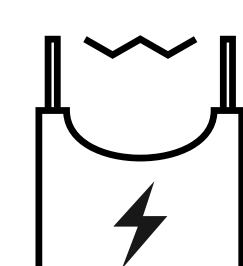
## Sabotage protection if an intruder uses current



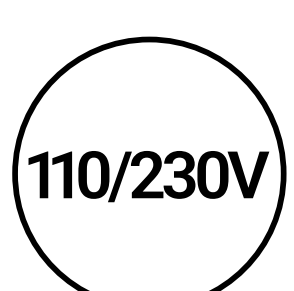
LineProtect Fibra protects Ajax hubs and wired devices from sabotage when an intruder causes short circuits, applies 110/230 V~, or uses stun guns. The module monitors the input and output voltage on the Fibra line. If LineProtect detects an abnormal voltage on the line, it activates the fuses and cuts off the power supply to the devices that installed before the module.



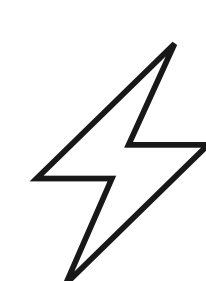
Short circuits



Stun guns

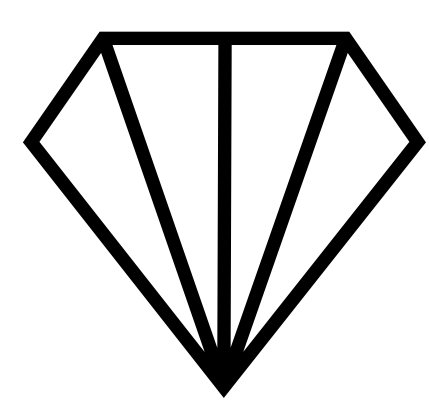


Applying 110/230 V~



High voltage on the Fibra line





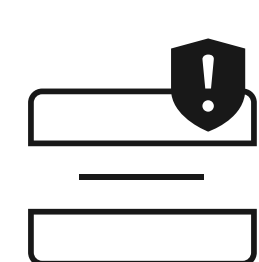
# Fibra

## communication technology

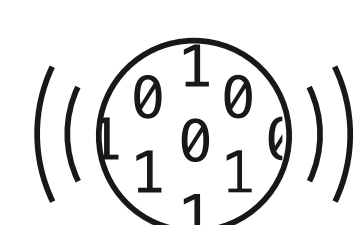


**Fibra is the wired protocol providing** fast and secure two-way communication between the hub and devices. Fibra delivers instant alarms with all the data: security companies and users know which device was triggered, when, and where it happened.

Fibra features **encryption** and **authentication** to prevent spoofing. The protocol supports regular polling to monitor the devices' statuses in real time. The U/UTP cat.5 cable provides a wired connectivity range of up to 2,000 m between the hub and LineProtect and between LineProtect and connected after the module devices.



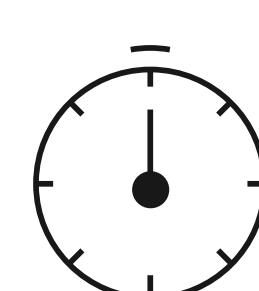
Informative notifications



Encrypted communication and protection from spoofing



Low consumption: up to 0.17 W



Adjustable polling interval: from 12 to 300 s

## Easy-to-mount into Case

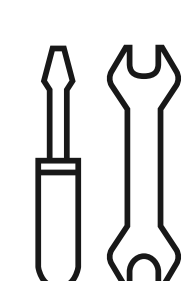
LineProtect is inserted into Case. Case has an optimal arrangement of wire channels, special holders for the module, and the tamper.

Several variations of casings are available. You can mount one LineProtect module into Case or fit several devices like LineSplit, MultiRelay, etc.

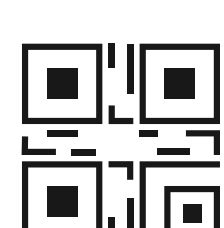
The required minimum number of casings with the optimal set of devices can be selected for the facility's needs, which saves the budget and speeds up the installation of the security system.

## Quick installation and start-up

LineProtect is mounted on holders inside Case. Pair the module with the hub automatically using the Fibra line scanning function or manually via QR code. All settings can be changed on-site or remotely in the Ajax mobile or desktop apps. It saves a lot of time for installers.



Mounting into Case




Pairing with the hub via the line scanning function or QR code



Configuring and testing remotely or on-site

# Technical specifications

Compliance with standards	EN 50131 (Grade 3) PD 6662:2017	Compatibility	<b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)
Connecting to the Fibra line	<b>Number of output lines</b> 1  <b>Number of input lines</b> 1	Module	<b>Dimensions</b> 90 × 50 × 15 mm  <b>Weight</b> 34 g  <b>Operating temperature range</b> from -10°C до +40°C  <b>Operating humidity</b> up to 75%
Communication with control panel	 <b>Fibra communication technology</b>  <b>Communication range</b> up to 2,000 m With U/UTP cat.5 4×2×0.51 cable  <b>Signal cable</b> 4×0,22 with a copper conductor  <b>Features</b> Two-way communication. Advanced sabotage protection. Instant notifications. Remote control and setup via the app.	Sabotage protection	<b>Protection against short circuits</b>  <b>Protection against applying 110/230 V~</b>  <b>Protection against stun guns</b>  <b>Protection against high voltage on the Fibra line</b>  <b>Tamper alarm</b> Notification of attempts to break or open Case. The tamper alarm is located in Case. Case is sold separately.  <b>Protection against spoofing</b> Device authentication

Communication with control panel	<p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in Ajax apps.</p> <p><b>Encrypted communication</b></p>	Sabotage protection	<p><b>Lost connection detection</b> from 36 seconds to detect lost connection between the hub and LineProtect Fibra. The value can be changed in the hub settings. Adjusted by PRO or user with admin rights in Ajax apps.</p>
Power supply	<p><b>Power supply</b> 24 V = 0.17 W From Fibra line.</p> <p><b>Output voltage</b> 24 V =</p>	Complete set	<p>LineProtect Fibra Quick Start Guide</p> <p>Case is not included in the complete set. Case is sold separately from the LineProtect Fibra module.</p>