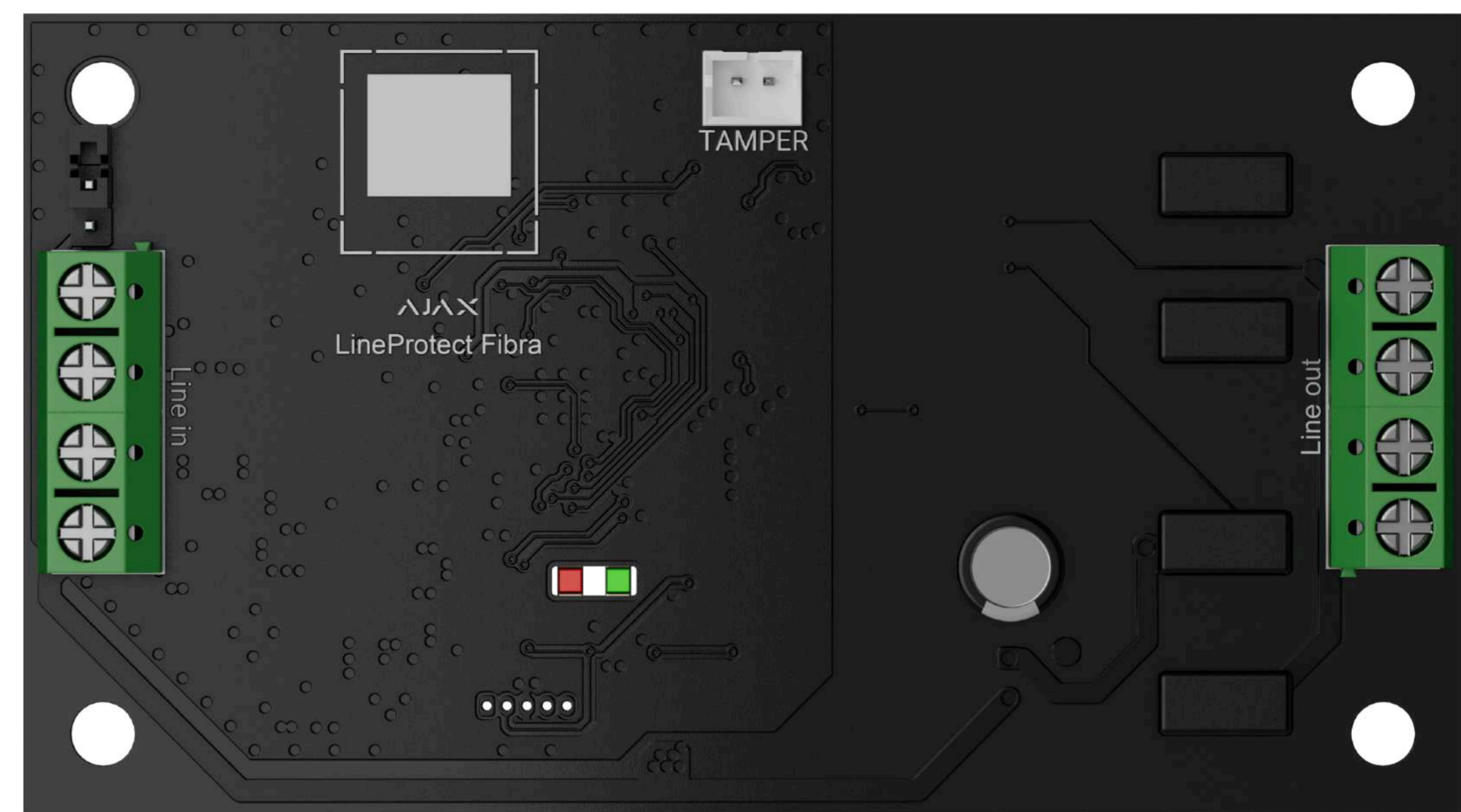


Superior LineProtect Fibra

Module to protect Fibra devices against short circuit and sabotage

This is the device of the Superior product line.
Only accredited Ajax Systems partners can sell, install, and administer Superior products.



3
GRADE
EN 50131

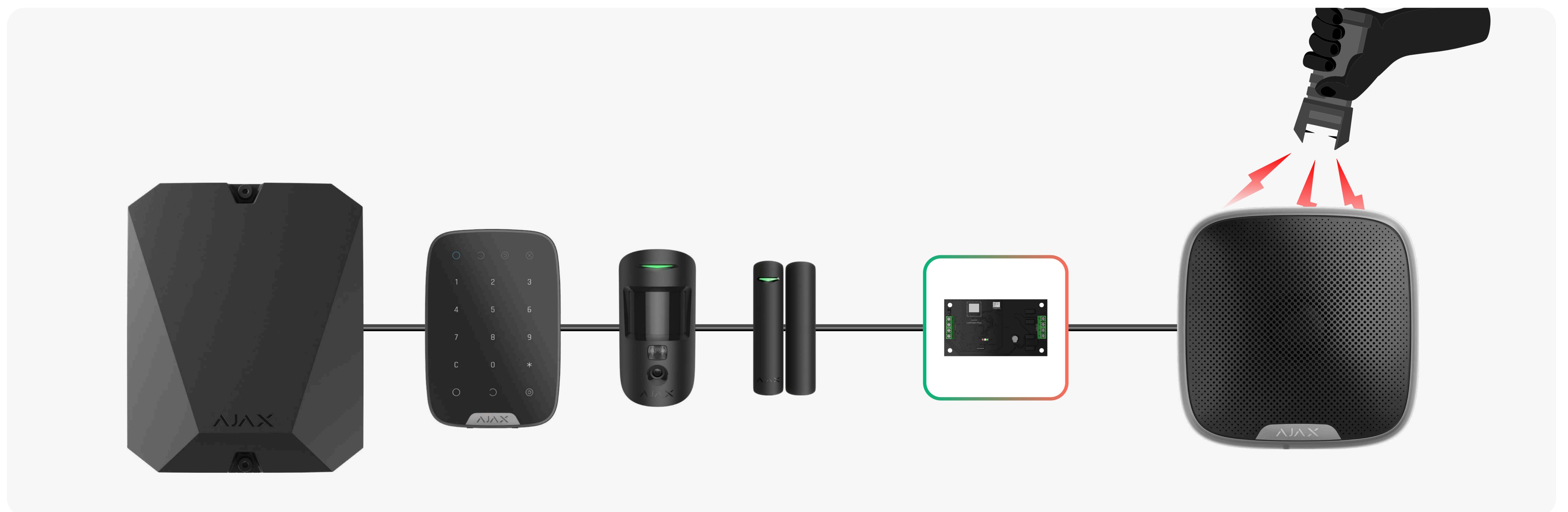
PD 6662
2017

INCERT

Superior LineProtect Fibra comes as a board compatible¹ with Case A (106), Case B (175), and Case D (430).

Next-level protection of the Fibra line

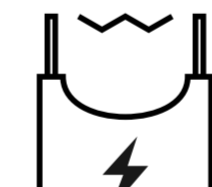
Superior LineProtect Fibra protects an Ajax hub and wired devices from sabotage. The module monitors the input and output voltage on the Fibra line. If the device detects an abnormal voltage, it activates the fuses and cuts off power to the devices installed before the module.



Short circuit



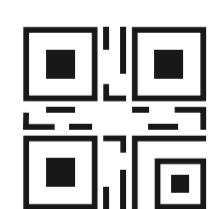
Applying 110/230 V~



Stun gun hit

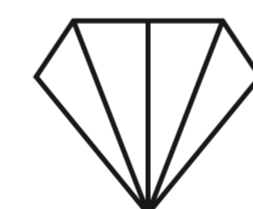


Overvoltage



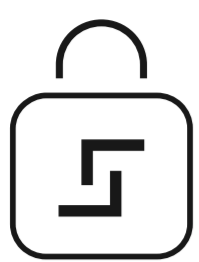
Quick installation and setup

- Pairing with an Ajax hub via the automatic line scanning or QR code
- Installing into Case, which is sold separately
- On-site or remote configuration and testing via Ajax apps
- Automatic device self-diagnosis with status reporting
- Instant data-rich maintenance notifications
- Jumper included in the complete set



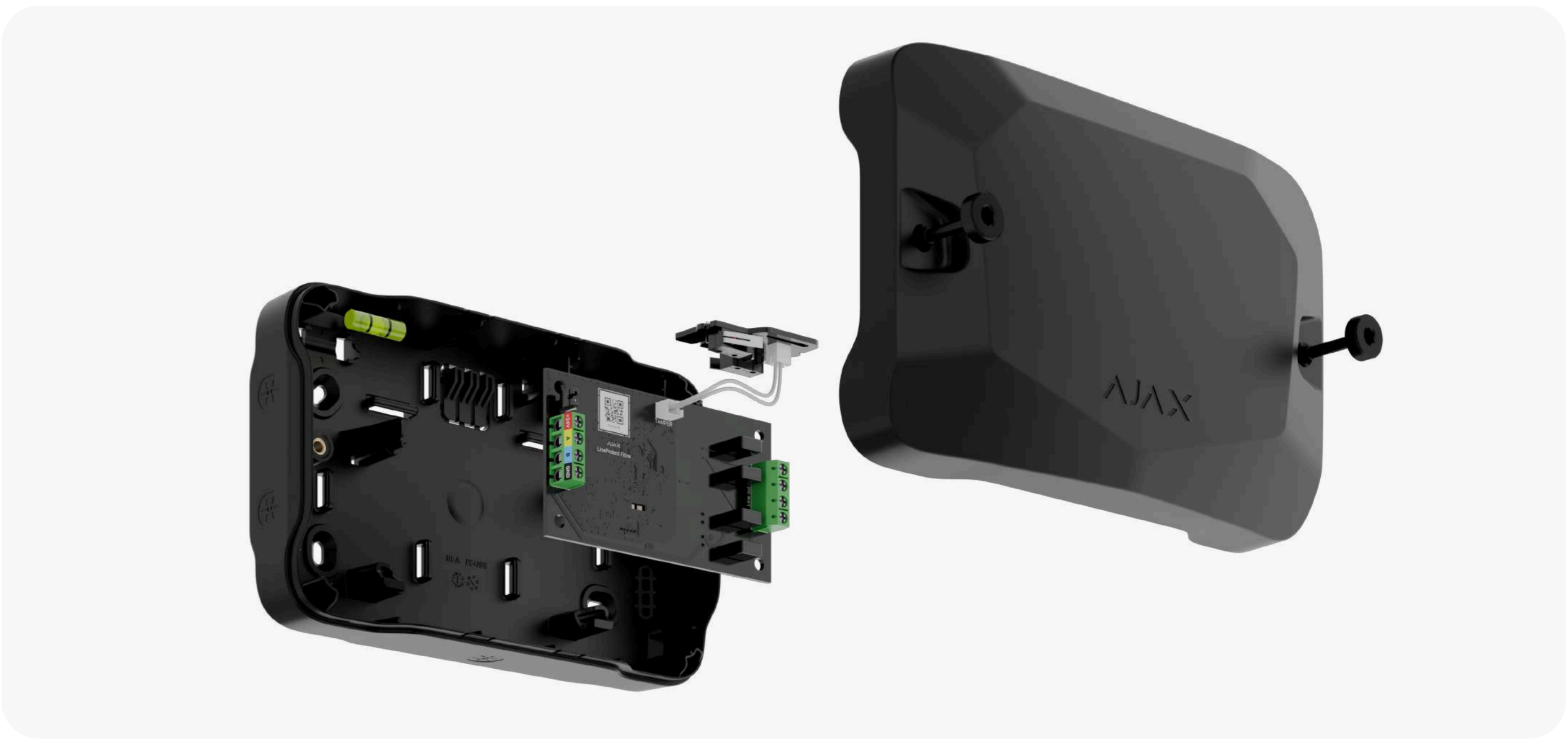
Fibra communication technology



- Up to 2,000 m (6,550 ft) of wired connection range² between the detector and the hub
- Encrypted communication
- Regular polling to display current device statuses
- Connecting with 4-core signal or 8-core U/UTP cables



Sabotage protection

- Tamper alarm³
- Device authentication to prevent spoofing






Compatibility with hubs  For detailed information, scan the QR code or follow the link: ajax.systems/tools/devices-compatibility/?models=LP.Y.F	Compatibility with cases  For detailed information, scan the QR code or follow the link: ajax.systems/tools/case-configurator/	Compliance with standards EN 50131 (Grade 3) PD 6662:2017 INCERT	Communication with a hub Fibra communication technology Wired connection U/UTP cat.5 4×2×0.51 mm (24 AWG) cable with a copper conductor 4×0.22 mm² signal cable with a copper conductor Communication range up to 2,000 m up to 6,550 ft With a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable Polling interval 12–300 s Adjusted by a PRO or user with admin rights in Ajax apps
Power supply Fibra line The hub powers the device Operating voltage range 5.7–30 V $\overline{=}$, up to 7 mA Nominal operating voltage 24 V $\overline{=}$ Quiescent current consumption at nominal voltage 1.6 mA Maximum current consumption at nominal voltage 7.5 mA	Installation Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75%	Board Dimensions 90 × 50 × 15 mm 3.54" × 1.97" × 0.59" Weight 28 g 0.99 oz	Complete set Superior LineProtect Fibra Quick start guide

¹ Ajax cases are sold separately.
² When a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable is used.
³ Available only when the device is installed into Case.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/lineprotect-fibra

-  support@ajax.systems
-  [@AjaxSystemsSupport_Bot](https://t.me/AjaxSystemsSupport_Bot)
-  ajax.systems