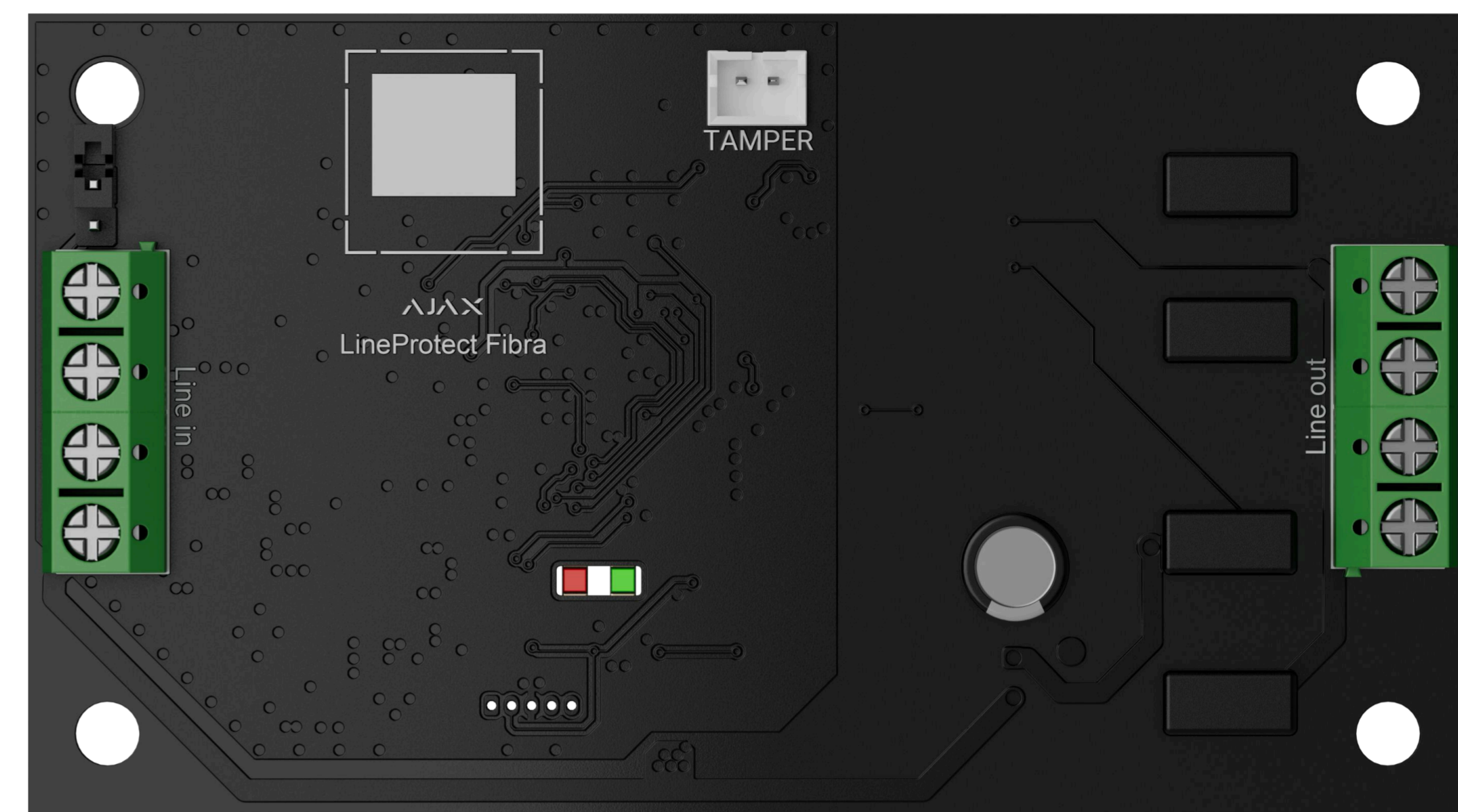


## Superior LineProtect Fibra

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 50131PD 6662  
2017

INCERT



Superior LineProtect Fibra comes as a board compatible<sup>1</sup> 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.

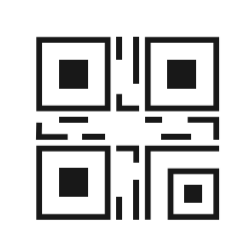


⚡ Short circuit

110/230V Applying 110/230 V~

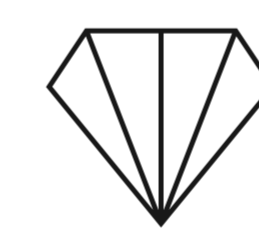
⚡ Stun gun hit

⚡ Overvoltage



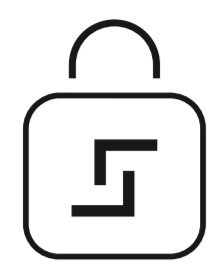
### Quick installation and setup

- 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



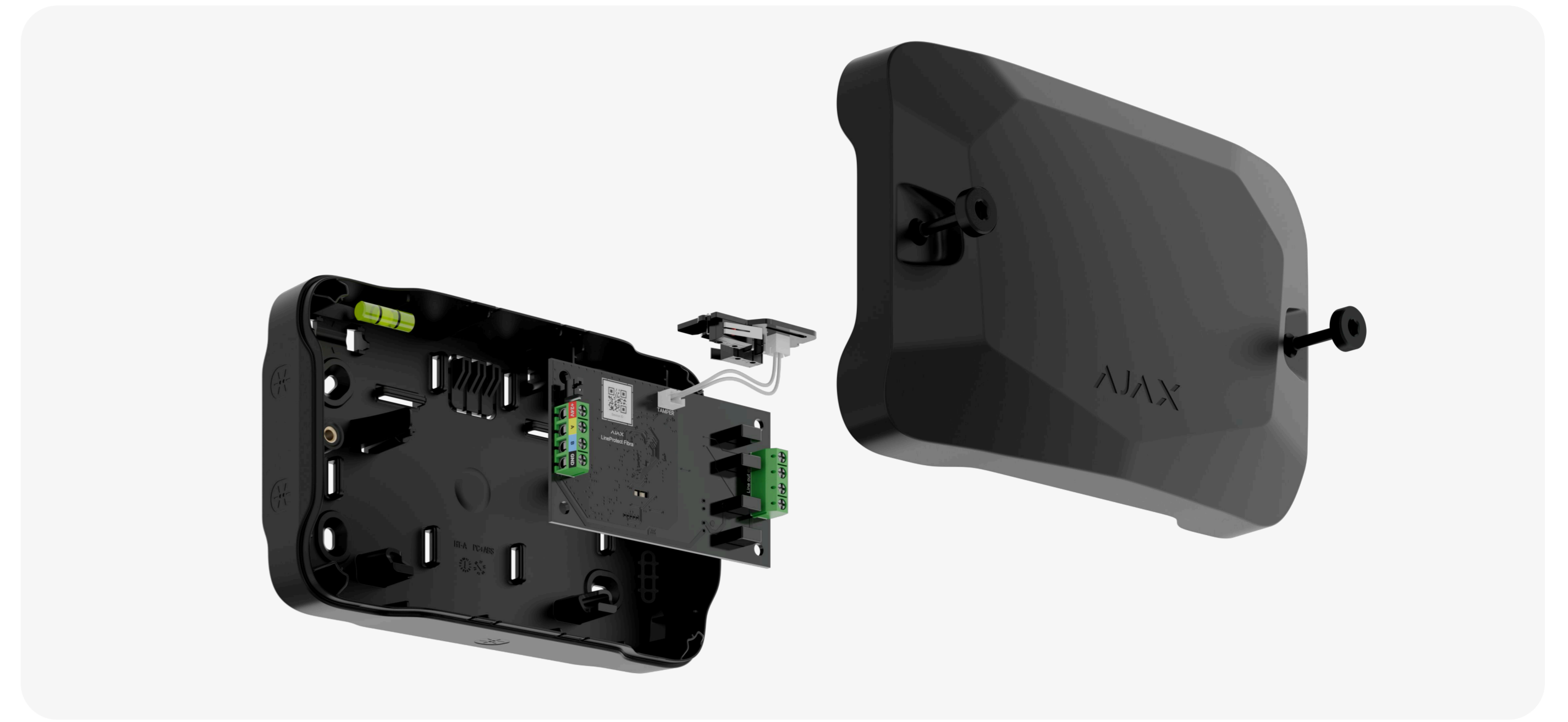
### Fibra communication technology



- Up to 2,000 m (6,550 ft) of wired connection range<sup>2</sup> 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 alarm<sup>3</sup>
- Device authentication to prevent spoofing



<p><b>Compatibility with hubs</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=LP.Y.F">ajax.systems/tools/devices-compatibility/?models=LP.Y.F</a></p>	<p><b>Compatibility with cases</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/case-configurator/">ajax.systems/tools/case-configurator/</a></p>	<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT</p>	<p><b>Communication with a hub</b></p> <p>Fibra communication technology</p> <p><b>Wired connection</b> U/UTP cat.5 4×2×0.51 mm (24 AWG) cable with a copper conductor</p> <p>4×0.22 mm<sup>2</sup> signal cable with a copper conductor</p> <p><b>Communication range</b> up to 2,000 m up to 6,550 ft With a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable</p> <p><b>Polling interval</b> 12–300 s Adjusted by a PRO or user with admin rights in Ajax apps</p>
<p><b>Power supply</b></p> <p><b>Fibra line</b> The hub powers the device</p> <p><b>Operating voltage range</b> 5.7–30 V<sub>DC</sub>, up to 281 mW</p> <p><b>Nominal operating voltage</b> 24 V<sub>DC</sub></p> <p><b>Quiescent current consumption at nominal voltage</b> 1.6 mA</p> <p><b>Maximum current consumption at nominal voltage</b> 11.7 mA</p>	<p><b>Installation</b></p> <p><b>Operating temperature</b> –10 °C to +40 °C 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Board</b></p> <p><b>Dimensions</b> 90 × 50 × 15 mm 3.54" × 1.97" × 0.59"</p> <p><b>Weight</b> 12 g 0.42 oz</p>	<p><b>Complete set</b></p> <p>Superior LineProtect Fibra Quick start guide</p>

<sup>1</sup> Ajax cases are sold separately.

<sup>2</sup> When a U/UTP cat.5 4×2×0.51 mm (24 AWG) cable is used.

<sup>3</sup> 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](https://ajax.systems/support/devices/lineprotect-fibra)

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems