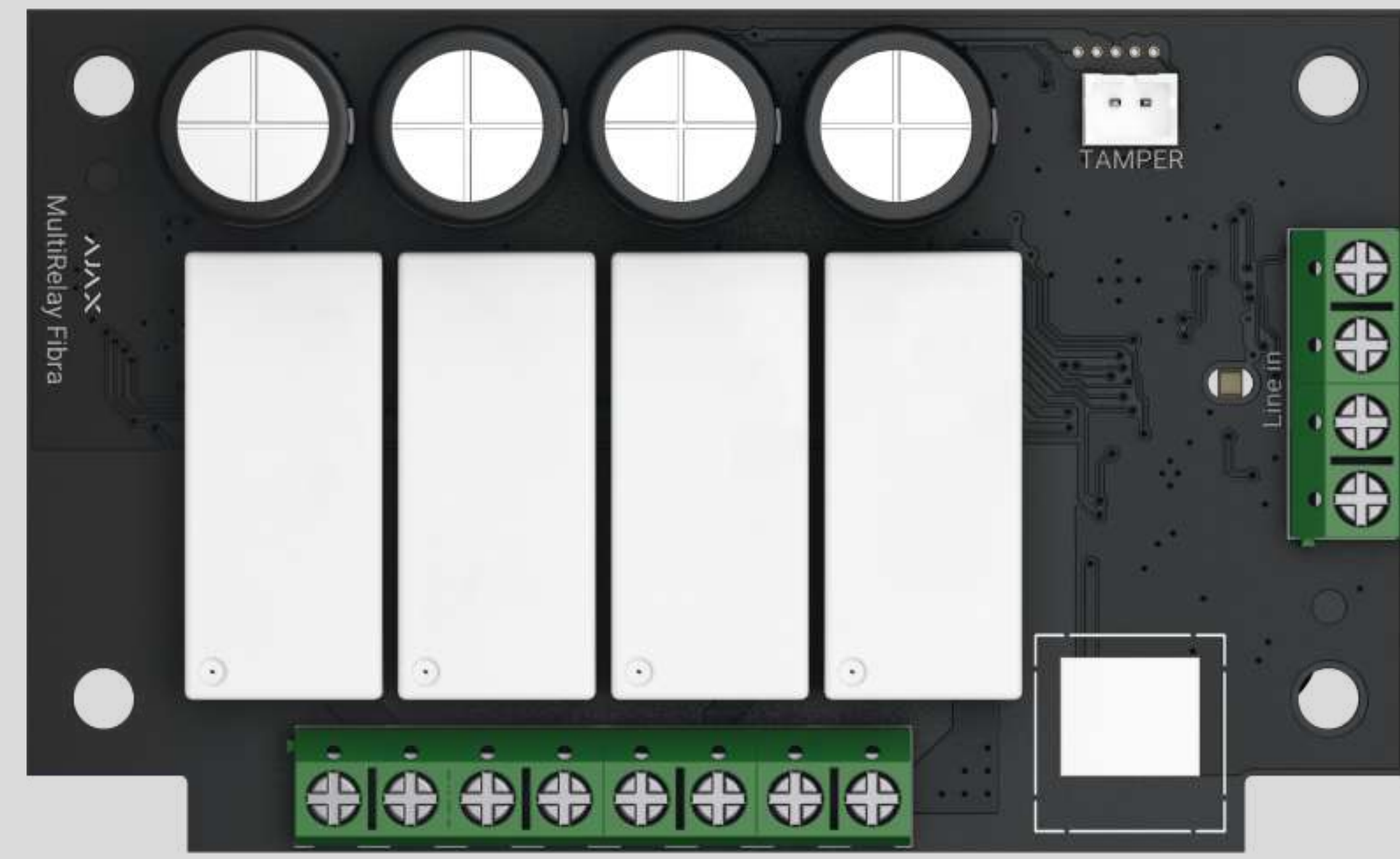


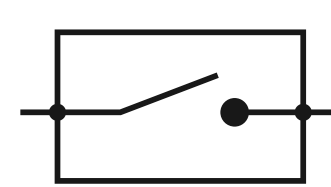


## MultiRelay Fibra

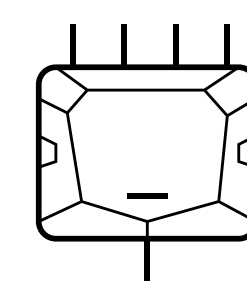
Four-channel relay module with potential-free contacts to control power supply remotely.



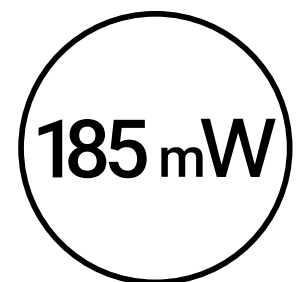
MultiRelay Fibra is a device of the wired Fibra product line. Only accredited Ajax Systems partners can sell, install, and administer Fibra products.



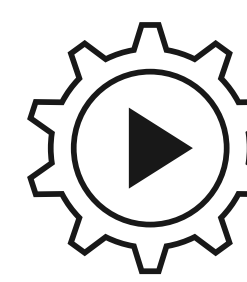
Potential-free (dry) contacts



4 relay outputs



Low power consumption: up to 185 mW



Automation scenarios

### Operation modes

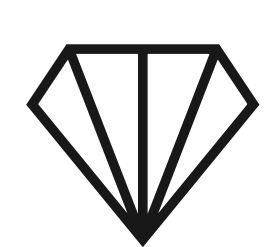
- **Bistable** – the relay changes contact state after each activation, turning the connected appliance on or off.
- **Pulse** – the relay changes contact state for the adjustable period of time (from 10 s to 2 h).

### Contact states

- **Normally closed (NC)** – the relay stops supplying power when activated and resumes when deactivated.
- **Normally open (NO)** – the relay supplies power when activated and stops when deactivated.

**Protection against overheating:** all four relays of MultiRelay are deactivated automatically the moment at least one of them exceeds +85°C.

**Steady contact state:** the current state of contacts remains the same after a power outage.



### Fibra communication technology

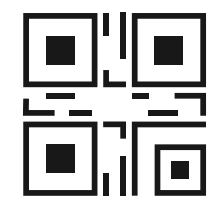
- Up to 2,000 m of wired communication
- Data is encrypted throughout the transmission process
- Regular polling to display current device statuses
- One line for different types of devices



### Sabotage resistance

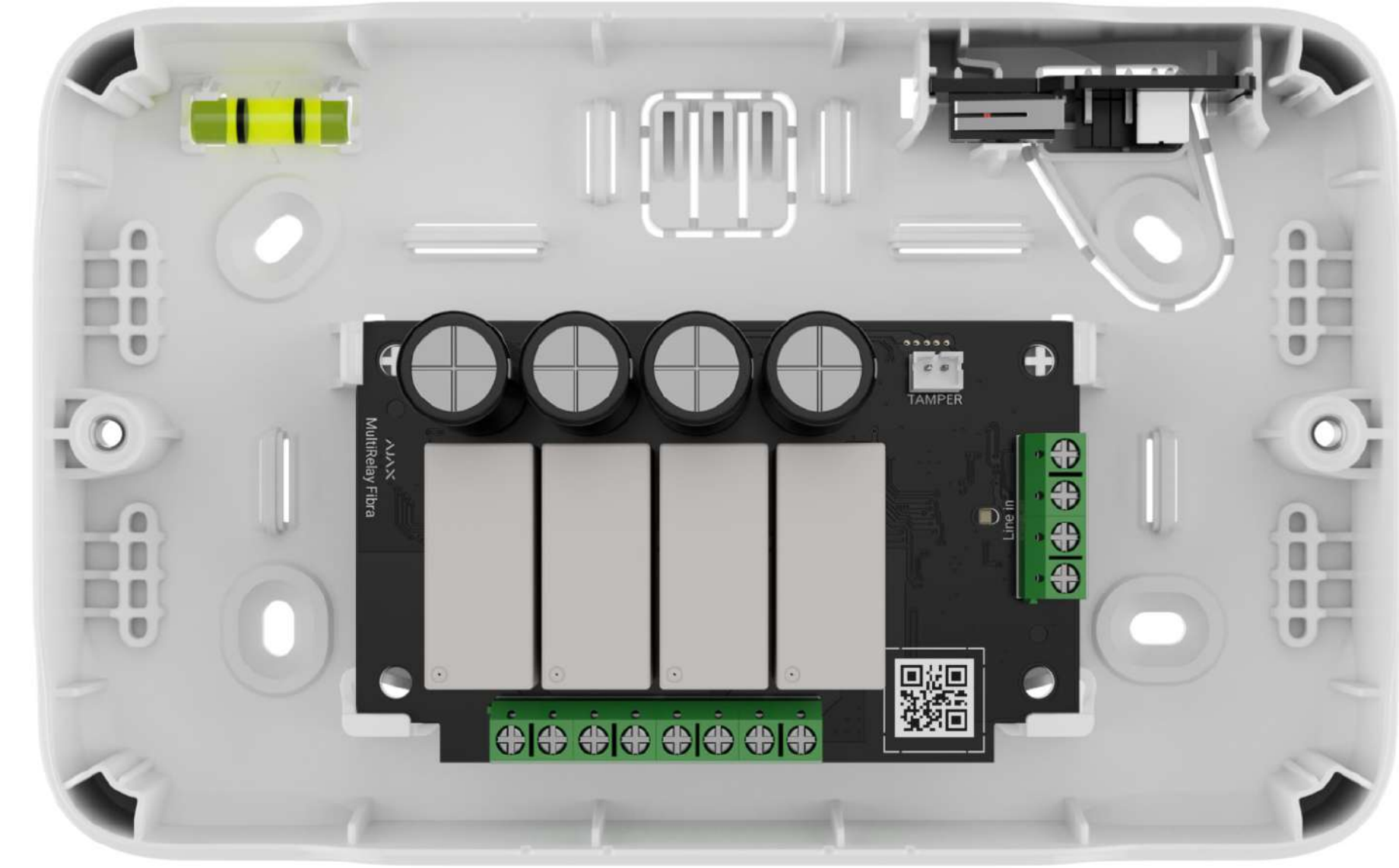
- Tamper alarm<sup>1</sup>
- Protection against short circuit
- Device authentication to prevent spoofing





## Quick installation and setup

- Pairing with a hub via automatic line scanning or QR code
- Remote control and configuration in the app
- Easy maintenance
- Installing into Case<sup>2</sup> (sold separately)



Compliance	Compatibility	Communication with the control panel	Features
<p>EN 50131 (Grade3) EN 50130-5, EN 50130-4 EN 55032 EN 55035 EN 60669-1:2018</p>	<p>Hubs Hub Hybrid (2G) Hub Hybrid (4G)</p>	<p>Fibra communication technology</p> <p><b>Wired connection</b> U/UTP cat.5 4×2×0.51 (copper conductor) signal cable 4×0.22 (copper conductor)</p> <p><b>Communication range</b> up to 2,000 m With U/UTP cat.5 4×2×0.51 cable</p>	<p><b>Number of relays</b> 4 relay outputs</p> <p><b>Relay modes</b> bistable, pulse</p> <p><b>Operating time for pulse mode</b> from 10 s to 2 h</p> <p><b>Temperature protection</b> over +85°C</p> <p><b>Steady contact state</b> If enabled, the current state of contacts remains the same after a power outage.</p>
Power supply	Installation	Board	Complete set
<p><b>Fibra line</b> 8.5–30 V<sub>DC</sub>, up to 185 mW The hub powers MultiRelay. The module does not supply additional power to connected appliances.</p> <p><b>Maximum load current</b> 5 A at 30 V<sub>DC</sub> 10 A at 230 V<sub>AC</sub></p>	<p><b>Operating temperature range</b> from -10°C to +40°C</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Dimensions</b> 90 × 55 × 30 mm</p> <p><b>Weight</b> 84 g</p>	<p><b>MultiRelay Fibra</b> Quick start guide</p> <p>Case is not included in the complete set and sold separately from the MultiRelay Fibra module.</p>

1 – Notification about attempts to open Case or detach it from the surface. Available only when MultiRelay is installed into Case. Case is sold separately.

2 – Case has an optimal arrangement of wire channels, special holders for the module, and a tamper alarm. It's available in different sizes to place one or several devices inside the casing. More details: [ajax.systems/products/fibra/case](https://ajax.systems/products/fibra/case)



For detailed information, scan the QR code or follow the link:  
[support.ajax.systems/manuals/multirelay-fibra/](https://support.ajax.systems/manuals/multirelay-fibra/)

- ✉ [support@ajax.systems](mailto:support@ajax.systems)
- 📍 [@AjaxSystemsSupport\\_Bot](https://twitter.com/AjaxSystemsSupport_Bot)
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