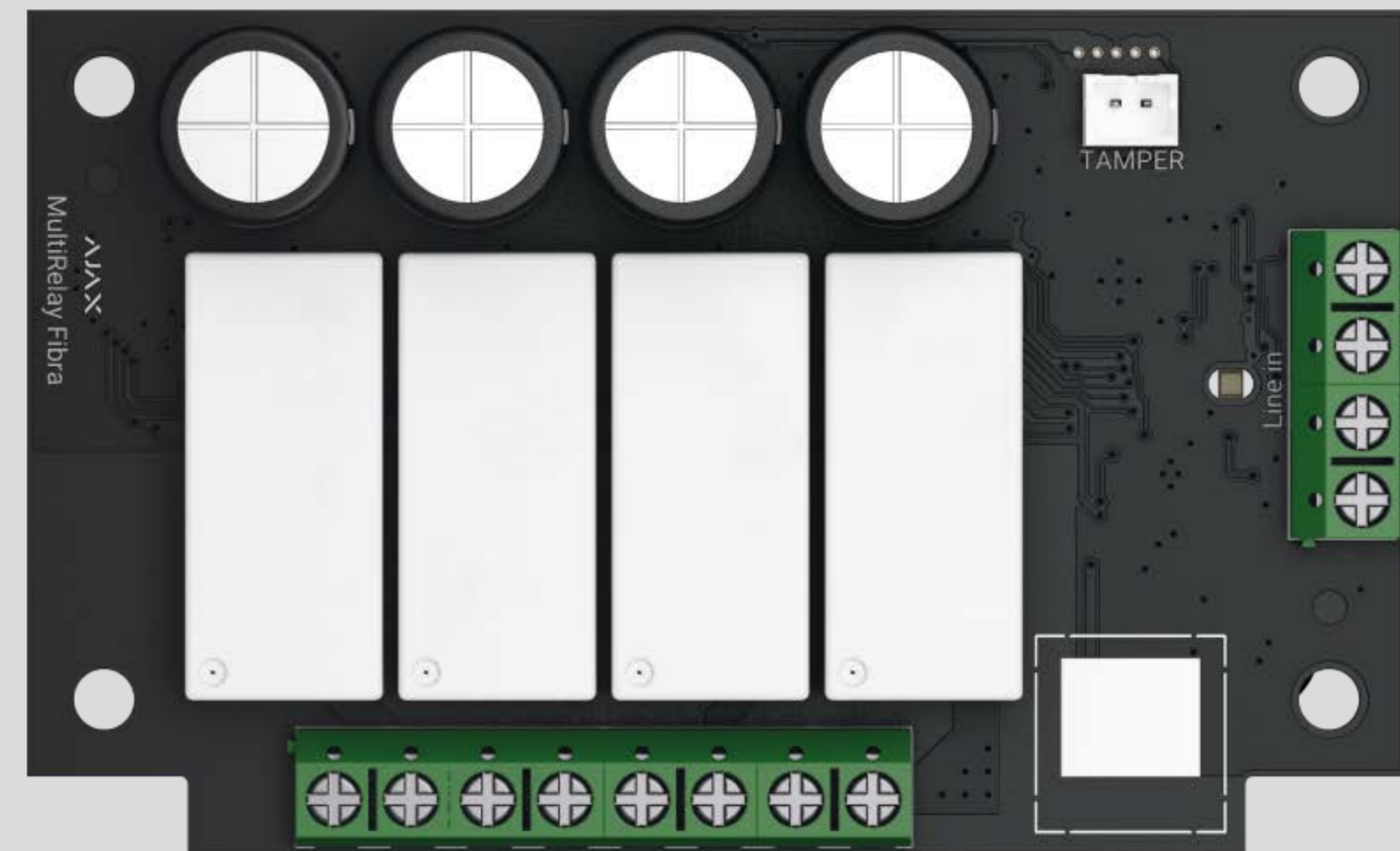




Fibra product line

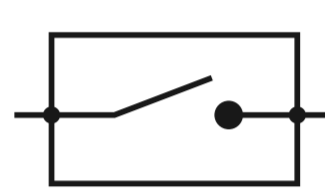
MultiRelay Fibra

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

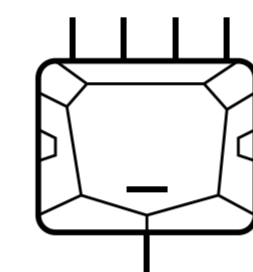


3
GRADE
EN 50131

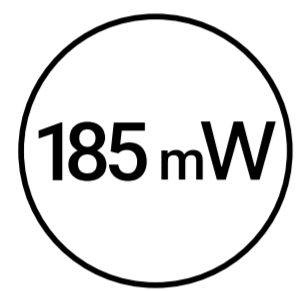
MultiRelay Fibra is a device of the wired Fibra product line. Only accredited Ajax Systems partners can sell, install, and administer Fibra products.



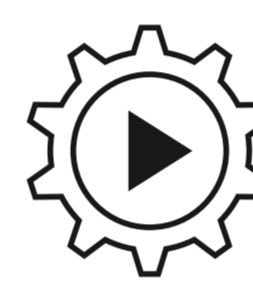
Potential-free (dry) contacts



4 relay outputs



Low power consumption: up to 185 mW



Automation scenarios

Operation modes

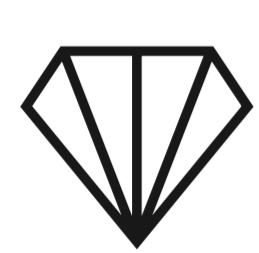
- **Bistable** – the relay changes contact state after each activation, turning the connected appliance on or off.
- **Pulse** – the relay changes contact state for the adjustable period of time (from 1 s to 2 h).

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.



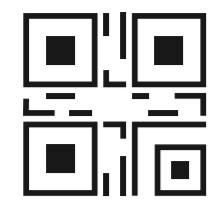
Fibra
communication technology

- 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



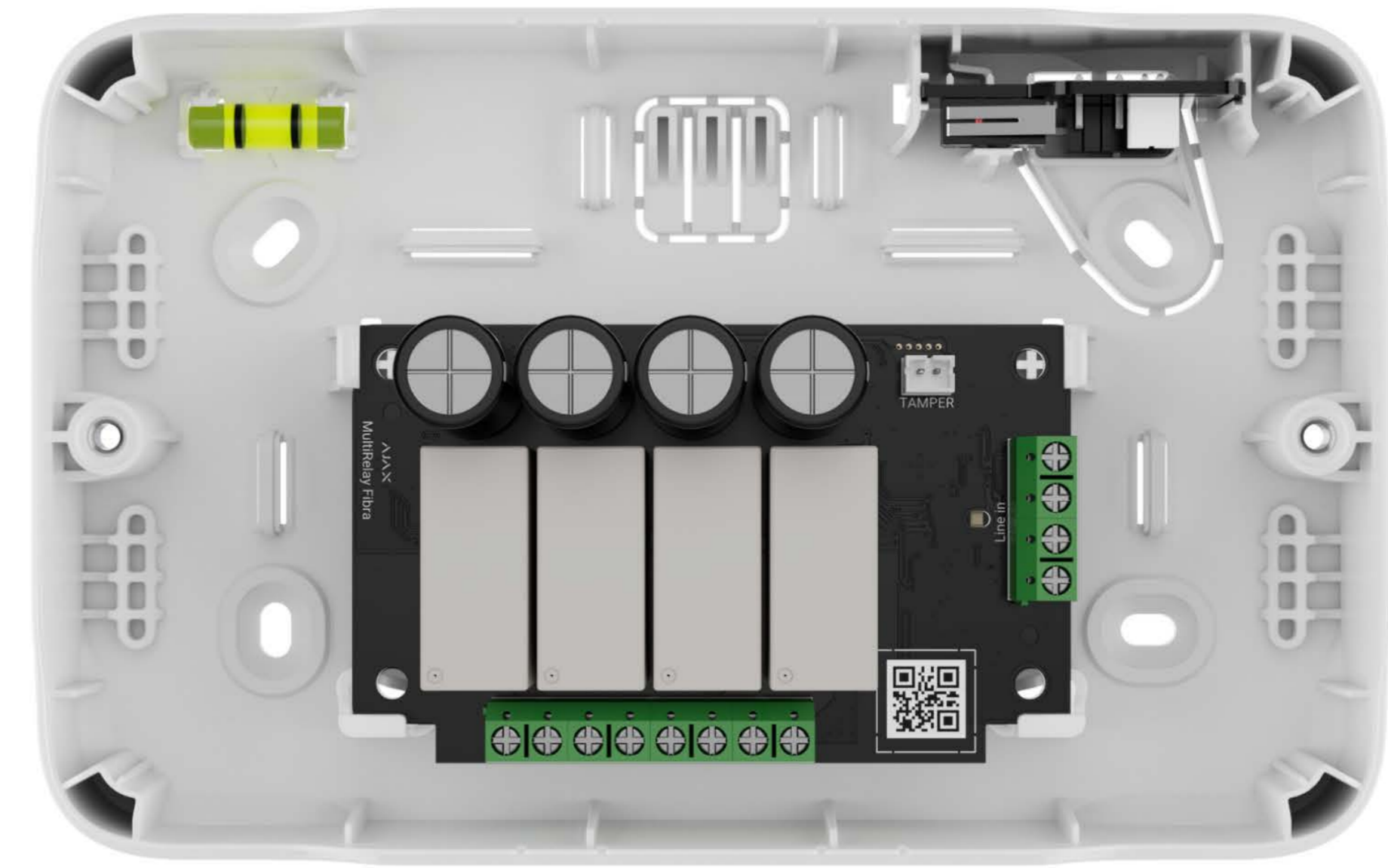
Sabotage resistance

- Tamper alarm¹
- 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 Case² (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>Wired connection U/UTP cat.5 4×2×0.51 (copper conductor) signal cable 4×0.22 (copper conductor)</p> <p>Communication range up to 2,000 m With U/UTP cat.5 4×2×0.51 cable</p>	<p>Number of relays 4 relay outputs</p> <p>Relay modes bistable, pulse</p> <p>Operating time for pulse mode from 1 s to 2 h</p> <p>Temperature protection over +85°C</p> <p>Steady contact state If enabled, the current state of contacts remains the same after a power outage.</p>
Power supply	Installation	Board	Complete set
<p>Fibra line 8.5–30 V_{DC}, up to 185 mW The hub powers MultiRelay. The module does not supply additional power to connected appliances.</p> <p>Maximum load current 5 A at 30 V_{DC} 10 A at 110–230 V_{AC}</p>	<p>Operating temperature range from -10°C to +40°C</p> <p>Operating humidity up to 75%</p>	<p>Dimensions 90 × 55 × 30 mm</p> <p>Weight 84 g</p>	<p>Complete set</p> <p>MultiRelay Fibra 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



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

- ✉ support@ajax.systems
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