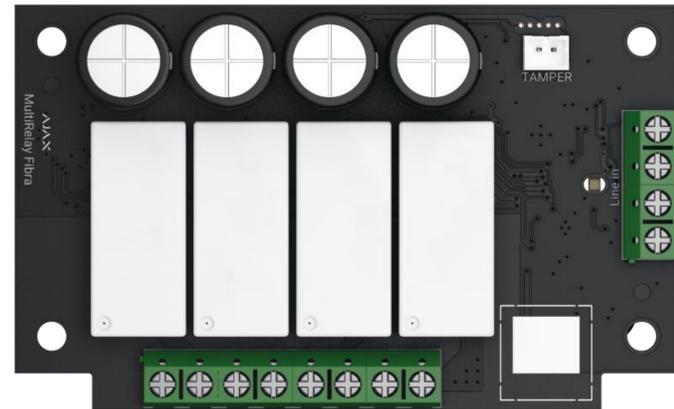


# Superior MultiRelay Fibra

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



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



Potential-free (dry) contacts



4 relay outputs



Low power consumption



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



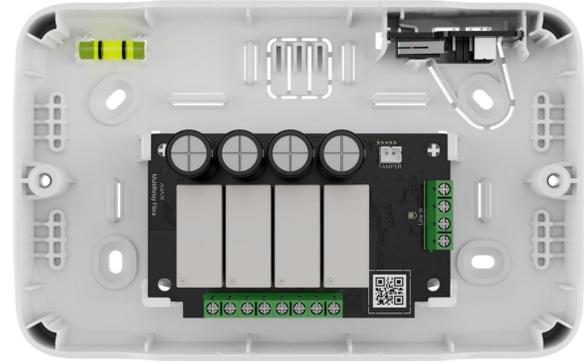
## Sabotage resistance

- Tamper 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)



<p><b>Compliance</b></p> <p>EN 50131 (Grade 3) EN 50130-5, EN 50130-4 EN 55032 EN 55035 EN 60669-1:2018 PD 6662:2017 INCERT</p>	<p><b>Compatibility</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=MR.Y.F">ajax.systems/tools/devices-compatibility/?models=MR.Y.F</a></p>	<p><b>Communication with the control panel</b></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>Features</b></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 1 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>
<p><b>Power supply</b></p> <p><b>Main power supply</b> 8,5–26 V<sub>DC</sub>, up to 516 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 110–230 V<sub>AC</sub></p>	<p><b>Installation</b></p> <p><b>Operating temperature</b> –10°C to +40°C</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Board</b></p> <p><b>Dimensions</b> 90 × 55 × 30 mm</p> <p><b>Weight</b> 84 g</p>	<p><b>Complete set</b></p> <p>Superior MultiRelay Fibra Quick start guide</p> <p>Case is not included in the complete set and sold separately from the Superior MultiRelay Fibra module.</p>

<sup>1</sup> Notification about attempts to open Case or detach it from the surface. Available only when Superior MultiRelay Fibra is installed into Case. Case is sold separately.

<sup>2</sup> 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/case/](https://ajax.systems/products/case/)



For detailed information, scan the QR code or follow the link:

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

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