

## Superior LineSupply (45 W) Fibra

Module for additional power supply.  
Features one Fibra output.



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



### Additional power supply for wired Ajax devices

- 30 W of output power for connected devices and 15 W for backup battery charging
- Additional supply of the line with any configuration of wired devices
- Line extension<sup>1</sup> by 2,000 m (6,550 ft)
- Backup power supply from the connected battery in case of main power supply loss



### Sabotage protection

- Tamper alarm<sup>2</sup>
- Protection against short circuit and overvoltage
- Device authentication to prevent spoofing



Superior LineSupply (75 W) Fibra is also available. It features greater output power and two output lines instead of one.



### Fibra communication technology

- Wired connection range between the module and the hub at a distance<sup>1</sup> of up to 2,000 m (6,550 ft)
- Encrypted communication
- Regular polling to display current device states



### Quick installation and setup

- Pairing with the hub via automatic line scanning function or QR code
- On-site or remote configuration and testing via Ajax apps
- Convenient mounting into Case (sold separately)
- Easy maintenance

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT</p>	<p><b>Compatibility with hubs</b></p> <p>For detailed information, scan the QR code or follow the link:</p>  <p><a href="https://ajax.systems/tools/devices-compatibility/?models=LSU.45.F">https://ajax.systems/tools/devices-compatibility/?models=LSU.45.F</a></p>	<p><b>Communication with a hub</b></p> <p><b>Fibra communication technology</b> Wired connection U/UTP cat.5 4 × 2 × 0.51 mm (24 AWG) cable, copper conductor</p> <p>4 × 0.22 mm<sup>2</sup> signal cable, 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>Power supply for third-party devices</b></p> <p><b>Number of output lines</b> 1 If you need two output lines, choose Superior LineSupply (75 W) Fibra</p> <p><b>Output voltage</b> 24 V<sub>DC</sub></p> <p><b>Max output current</b> 1.25 A</p>
<p><b>Power supply</b></p> <p><b>Main</b> 100–240 V~, 50/60 Hz</p> <p><b>Backup</b> 12 V<sub>DC</sub> battery with a capacity from 7 to 18 A·h Battery is not included in the complete set</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from –10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 160 × 85 × 53 mm 6.3" × 3.35" × 2.09"</p> <p><b>Weight of the white device</b> 269 g 9.49 oz</p> <p><b>Weight of the black device</b> 262 g 9.24 oz</p>	<p><b>Complete set</b></p> <p>Superior LineSupply (45 W) Fibra Power supply cable Battery connection cable Two terminal adapters Quick start guide</p> <p>Case is not included in the complete set and sold separately</p>

<sup>1</sup> When using a U/UTP cat.5 4 × 2 × 0.51 mm (24 AWG) cable.

<sup>2</sup> Notification about attempts to open Case or detach it from the surface. Available only when Superior LineSupply (45 W) Fibra is installed into Case, which is sold separately.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/linesupply/](https://ajax.systems/support/devices/linesupply/)

-  support@ajax.systems
-  @AjaxSystemsSupport\_Bot
-  ajax.systems