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 Superior LineSupply Fibra

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## Tech specs

**S**UPERIOR

# Superior LineSupply (75 W) Fibra

Module for additional power supply with 75 W power and two output Fibra lines



**Device compatibility**



## Communication

### ◆ Fibra communication technology

Proprietary wired communication technology combines the reliability of wires with the freedom of radio connection.

Key features:

- Two-way communication.
- Advanced anti-sabotage.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote configuration in the Ajax apps.

**Learn more** >

### Line connection

4-core cable

### Connection

to any point of the Fibra line

LineSupply (75 W) can be installed after a hub, detector, keypad, siren, or another LineSupply. The module provides additional power to Fibra devices

installed between the LineSupply (75 W) and the end of the line.

### Wired connection range

- between the module and the hub – up to 2,000 m;
- between the module and the last Fibra device on each line – up to 2,000 m.

The maximum line length is relevant when using the U/UTP cat.5 twisted pair.

Calculate the length of the line on the object >

### Encrypted communication

All stored and transmitted data are protected by block encryption featuring a dynamic key.

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## Line connection

### Number of input lines

1

LineSupply (75 W) can be connected after any Fibra device.



## Number of output lines

2

Fibra devices with a total power consumption of up to 30 W can be connected to each output line.

Superior LineSupply (45 W) Fibra version is also available, featuring less output power and one output line instead of two.

## Cable length

up to 2,000 m

For each output line between the module and the last Fibra device on the line when using U/UTP cat.5 twisted pair.

**Calculate the length of the line on the object** 

## Galvanic isolation

Ensures that devices connected between the LineSupply (75 W) and the end of the line do not consume power from the hub.

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## Power supply

### Main

100–240 V~, 50/60 Hz

### Backup

12 V<sup>==</sup> battery with a capacity from 7 to 18 Ah

Not included. When the main power is available, the backup battery is charged from the mains.

### Power output

- per line – 30 W;
- to charge the backup battery – 15 W.

## Recommendations

Power supply 100–240 V~.

The device is designed for indoor use only. Installation in Case C (260) or Case D (430) is

recommended. The casing is sold separately.

**Which Case to choose** >

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## Sabotage protection

### Tamper alarm

LineSupply (75 W) has a connector to fasten the tamper board to the module. The tamper board is in Case that is sold separately.

**What is a tamper** >

**More about Case** >

### Protection against short circuit on the line

### Protection against overvoltage

on the Fibra signal lines

The module protects devices when voltage is applied to the signal terminals A, B.

### Protection against spoofing

device authentication

### Communication loss detection

after 36 s

Between the hub and LineSupply (75 W). It can be changed in hub settings.

[Learn more >](#)

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## Enclosure

### Dimensions

160 × 85 × 53 mm

### Weight

456 g



## Operating temperature range

from  $-10\text{ }^{\circ}\text{C}$  to  $+40\text{ }^{\circ}\text{C}$

## Operating humidity

up to 75%

## Electric shock protection

Class III



53 mm

## Colors

Black



White



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## Complete set

Superior LineSupply (75 W) Fibra

Power supply cable

Battery connection cable

Terminal adapter – 2 pcs.

Quick start guide

## Certification and compliance with standards



## Superior LineSupply (75 W) Fibra



### Additional information

### Compliance with standards

### User manual

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### Warranty

24 months

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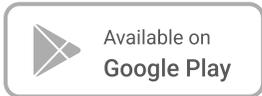
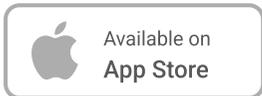
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- Ajax Desktop
- Ajax PRO Desktop
- Ajax Translator
- Scenarios



- Solutions by facility type
- Upgrades and retrofits
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- How it works

## Support

- Manuals and articles
- Compliance with standards

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