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 Superior LineSupply Fibra

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## Tech specs

SUPERIOR

# Superior LineSupply (75 W) Fibra

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



Device compatibility

Check

## 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= 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 °C to +40 °C



## Operating humidity

up to 75%

## Electric shock protection

Class III

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## 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

Learn more 

#### User manual

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#### Warranty

24 months

Learn more 

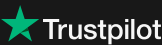
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