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 Superior LineSupply Fibra

Tech specs 

Where to buy

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.

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.

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 >

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](#) >

Enclosure

Dimensions

160 × 85 × 53 mm

Weight

456 g



Operating temperature range

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



53 mm

Operating humidity

up to 75%

Electric shock protection

Class III

Colors

Black



White



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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24 months

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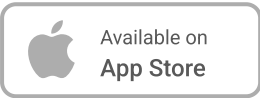
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- Ajax PRO Desktop
- Ajax Translator
- Scenarios



- Solutions by facility type
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- How it works

Support

- Manuals and articles
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Tools

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