

# Superior LineSupply (45 W) Fibra

Module for additional power supply of Fibra devices

<b>Compatibility</b>	<b>Control panels</b> Hub Hybrid (2G) Hub Hybrid (4G)
<b>Communication</b>	<b>Fibra communication technology</b> Proprietary wired communication technology combines the reliability of wires with the freedom of radio connection.  Key features: <ul style="list-style-type: none"><li>• Two-way communication.</li><li>• Advanced anti-sabotage.</li><li>• Block encryption featuring a dynamic key.</li><li>• Instant notifications.</li><li>• Remote configuration in the Ajax apps.</li></ul> <b>Line connection</b> 4-core cable  <b>Connection</b> to any point of the Fibra line Superior LineSupply (45 W) can be installed after a hub, detector, keypad, siren, or another Superior LineSupply. The module provides additional power to Fibra devices installed between the Superior LineSupply (45 W) and the end of the line.  <b>Wired connection range</b> <ul style="list-style-type: none"><li>• between the module and the hub – up to 2,000 m; 6,500 ft;</li><li>• between the module and the last Fibra device on the line – up to 2,000 m. 6,500 ft.</li></ul> The maximum line length is relevant when using the U/UTP cat.5 twisted pair.  <b>Encrypted communication</b> All stored and transmitted data are protected by block encryption featuring a dynamic key.
<b>Line connection</b>	<b>Number of input lines</b> 1 Superior LineSupply (45 W) can be connected after any Fibra device.  <b>Number of output lines</b> 1

	<p>Fibra devices with a total power consumption of up to 30 W can be connected to the output line. Superior LineSupply (75 W) Fibra version is also available, featuring greater output power and two output lines instead of one.</p> <p><b>Cable length</b> up to 2,000 m up to 6,500 ft For the output line between the module and the last Fibra device on the line when using U/UTP cat.5 twisted pair.</p> <p><b>Galvanic isolation</b> Ensures that devices connected between the Superior LineSupply (45 W) and the end of the line do not consume power from the hub.</p>
<b>Power supply</b>	<p><b>Main</b> 100–240 V~, 50/60 Hz</p> <p><b>Backup</b> 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.</p> <p><b>Power output</b></p> <ul style="list-style-type: none"> <li>• of the output line – 30 W;</li> <li>• to charge the backup battery – 15 W.</li> </ul>
<b>Recommendations</b>	<p>Power supply 100–240 V~.</p> <p>The device is designed for indoor use only. Installation in Case (260×210×93) or Case (430×400×133) is recommended. The casing is sold separately.</p>
<b>Sabotage protection</b>	<p><b>Tamper alarm</b> Superior LineSupply (45 W) has a connector to fasten the tamper board to the module. The tamper board is in Case that is sold separately.</p> <p><b>Protection against short circuit on the line</b></p> <p><b>Protection against overvoltage</b> on the Fibra signal lines The module protects devices when voltage is applied to the signal terminals A, B.</p> <p><b>Protection against spoofing</b> device authentication</p> <p><b>Communication loss detection</b> after 36 s Between the hub and Superior LineSupply (45 W). It can be changed in hub settings.</p>

<b>Enclosure</b>	<b>Dimensions</b> 160 × 85 × 53 mm 6.3" × 3.35" × 2.09"  <b>Weight</b> 456 g 16.05 oz  <b>Operating temperature range</b> from −10 °C to +40 °C from 14 °F to 104 °F  <b>Operating humidity</b> up to 75%  <b>Electric shock protection</b> Class III
<b>Complete set</b>	Superior LineSupply (45 W) Fibra Power supply cable Battery connection cable Terminal adapter – 2 pcs. Quick start guide
<b>Warranty</b>	24 months