

# Superior LineSupply (75 W) Fibra

Module for additional power supply of Fibra devices

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compatibility</b>   | <b>Control panels</b><br>Hub Hybrid (2G)<br>Hub Hybrid (4G)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Communication</b>   | <b>Fibra communication technology</b><br>Proprietary wired communication technology combines the reliability of wires with the freedom of radio connection.<br><br>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><br><b>Line connection</b><br>4-core cable<br><br><b>Connection</b><br>to any point of the Fibra line<br>Superior LineSupply (75 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 (75 W) and the end of the line.<br><br><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.<br><br><b>Encrypted communication</b><br>All stored and transmitted data are protected by block encryption featuring a dynamic key. |
| <b>Line connection</b> | <b>Number of input lines</b><br>1<br>Superior LineSupply (75 W) can be connected after any Fibra device.<br><br><b>Number of output lines</b><br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <p>Fibra devices with a total power consumption of up to 15 W can be connected to the output line.<br/>Superior LineSupply (45 W) Fibra version is also available, featuring less output power and one output lines instead of two.</p> <p><b>Cable length</b><br/>up to 2,000 m<br/>up to 6,500 ft<br/>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><br/>Ensures that devices connected between the Superior LineSupply (75 W) and the end of the line do not consume power from the hub.</p>                       |
| <b>Power supply</b>        | <p><b>Main</b><br/>100–240 V~, 50/60 Hz</p> <p><b>Backup</b><br/>12 V= battery with a capacity from 7 to 18 Ah<br/>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><br/>Superior LineSupply (75 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><br/>on the Fibra signal lines<br/>The module protects devices when voltage is applied to the signal terminals A, B.</p> <p><b>Protection against spoofing</b><br/>device authentication</p> <p><b>Communication loss detection</b><br/>after 36 s<br/>Between the hub and Superior LineSupply (75 W). It can be changed in hub settings.</p> |

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