Somfy Connect™ LTI
Part #1870210

Overview:
The Somfy Connect™ LTI expands the capabilities of Somfy systems providing a centralized logic center and communication bridge. Connect allows Somfy Digital Network (SDN) and Radio Technology Somfy (RTS) systems to interact with third party systems allowing the shading system to become part of a truly integrated part of commercial and residential automation systems. The Somfy Connect LTI is equipped with a real-time hardware clock for scheduling shading events. The internal clock keeps time without the need for accessing an external time server and though power loss, ensuring continuous reliable operation. The Connect has Lutron®’s Integration protocol built in allowing Lutron®’s handheld and in-wall controls from RadioRA® 2, HomeWorks® QS, Grafik Eye® QS, and Quantum® systems to operate Somfy motorized applications.

Features Summary:
- Centralized logic center and communication bridge
- Hardware realtime clock for scheduled events
  - Astronomic events
  - Repeatable schedules
- Support for RadioRA® 2, HomeWorks® QS, Quantum®, and GRAFIK Eye® QS systems
  - Able to interpret:
    - Button press
    - Button release
    - Button Hold
    - Toggle
    - Group Raise/Lower
- 300 Programmable Lutron Home Control and communication maps
- 198 programmable timed events

Technical Specifications:
- Input: 9–24v DC
- Power Consumption: 100ma
- Material: ABS
- Dimensions: 6” x 3.5” x 1.5”
- Operating Temperature Range: ambient
- Shipping Weight: 1 Lb.

Optional Accessories:
- USB to RS485 Adapter: 9015260
- URTSI: 1810872
- Power Supply Bus & Sensor: 1822440

What’s in the Box:
- Somfy Connect
- DB9 cable (6’; male to female; straight through) RX

Connections and Indicators:

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<thead>
<tr>
<th>ELEMENT</th>
<th>FUNCTION</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>SDN BUS</td>
</tr>
<tr>
<td>2</td>
<td>Integration Port</td>
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<tr>
<td>3</td>
<td>Power</td>
</tr>
<tr>
<td></td>
<td>RS-485 – Connect to SDN system or URTSI</td>
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<tr>
<td></td>
<td>RS232 – Connect to Lutron Integration port</td>
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<tr>
<td></td>
<td>3.5mm Barrel connector (female)</td>
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</table>
Cable Pinouts:

**RJ 45 Pinout**

- 1 - Data +
- 2 - Data -
- 3 - N/A
- 4 - Power +
- 5 - Power +
- 6 - N/A
- 7 - Ground -
- 8 - Ground -

**DB9 Pinout**

- 2 RX
- 3 TX
- 5 GND
- 6 GND
- 7 GND
- 8 GND

Dimensions:

- 6”
- 3.5”
- 1.5”

Wiring Best Practices:

**SDN**

The Somfy Connect LTI joins a SDN network through a single connection which provides communication and power. Wiring from a SDN Data Hub to the Connect should not be more then 30Ft.

**RTS**

The Somfy Connect LTI RTS utilizes a URTSI to transmit RTS commands. Connect to the URTSI using a single wire connecting the SDN port of the connect and the RS-485 port of the URTSI. Additional range and channels can be added by introducing more URTSI into the system and interconnecting them though the RS485 output.

The DB9 RS232 connection to connect to Luton’s Integration port, this connection must be under 50ft in length.