**OVERVIEW:**

The Ondeis™ WireFree RTS is a solar powered combination rain and sun sensor compatible with Radio Technology Somfy® motorized exterior products, including awnings, rolling shutters and screens. The Sensor monitors rain and sun levels and automatically activates RTS motorized products once user selected thresholds are passed.

**FEATURES SUMMARY:**

- Combination rain and sun sensor
- Control one channel of Radio Technology Somfy® motorized products
- Solar powered rechargeable battery
- Adjustable rain and sun thresholds
- Wireless installation with flexible mounting options
- Six available modes of operation:
  - Awning Rain (default)
  - Awning Sun (requires Telis Soliris Transmitter)
  - Awning Rain & Sun (requires Telis Soliris Transmitter)
  - Shutter/Screen Rain
  - Shutter/Screen Rain & Sun
  - Shutter/Screen Rain & Auto Up
- Demo mode for testing configurations
- 2 easy-to-read LED indicator lights

**TECHNICAL SPECIFICATIONS:**

- **Power:** Solar powered
- **Material:** ABS
- **Dimensions:** 4.53"L (115mm) x 2.60"W (66mm) x 1.97"D (50mm)
- **Maximum Range:** 65ft under optimal conditions
- **Rain sensitivity:**
  - The lowest setting (fully counter clockwise [CCW]) will react to very light rain 2-4 drops 1-2mm within 1-2 seconds or condensation or fog heavy enough to cause a drop to run down sensor.
  - The highest setting (fully clockwise [CW]) will react only to very heavy rain 1-2" per hour
- **Sun Sensitivity**
  - Sun level threshold adjustable from 0.5 (CCW) to 50 klux (CW)
- **Operating Temperature Range:**
  - Storage: -4°F to 140°F (-20°C to +60°C)
  - Operational: 32°F to 140°F (0°C to +60°C)
- **Frequency:** 433.42Mhz
- **Shipping Weight:** 1lb
- **IP Rating:** IP55
- **Approvals:** FCC

**WHAT’S IN THE BOX:**

- Ondeis™ WireFree RTS Optical Rain & Sun Sensor with a mounting plate and 2 round head wood screws
- Gutter mount:
  - 1 Aluminum gutter-mount bracket
  - 2 Socket head screws

**OPTIONAL ACCESSORIES:**

- Telis 1 Soliris # 1810647
- Telis 4 Soliris # 1811243
CONNECTIONS AND INDICATORS:

<table>
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<tr>
<th>ELEMENT</th>
<th>FUNCTION</th>
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<td>1 Optical Rain Sensor</td>
<td>Senses rain levels</td>
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<tr>
<td>2 Sun Sensor</td>
<td>Senses brightness levels</td>
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<td>3 Solar Charging Panel</td>
<td>Charges battery</td>
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<td>Allows for easy wall, pole or gutter mount</td>
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<td>5 Hatch</td>
<td>Protects the dials and switches</td>
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<td>6 Rain Sensor LED</td>
<td>Provides visual feedback of the rain function</td>
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<td>7 Sun Sensor LED</td>
<td>Provides visual feedback of the sun function</td>
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<td>8 Rain Threshold Dial</td>
<td>Sets threshold levels of rain sensing levels</td>
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<tr>
<td>9 Sun Threshold Dial</td>
<td>Sets threshold levels of sun sensing levels</td>
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<td>10 Demo Button</td>
<td>Used to test/demonstrate settings</td>
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<td>12 Configuration Switches</td>
<td>For mode selection</td>
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<td>13 Switch Sticker</td>
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DIMENSIONS: