



### Main

|                              |  |
|------------------------------|--|
| Range                        | EcoStruxure Building Expert  |
| Product name                 | SE7000 Series  |
| Device short name            | SE7600W  |
| Product or component type    | Room controller  |
| Device application           | Low voltage heat pump  |
| Product specific application | 3-stage heating<br>2-stage cooling   |
| PIR cover                    | With cover   |
| Sensor type                  | Single point calibrated bulk polymer RH sensor measurement range: +/- 5 %<br>10 kOhm T2 NTC thermistor measurement range: +/- 0.2 °F |

### Complementary

|                               |  |
|-------------------------------|--|
| Range compatibility           | communication card<br>sensor<br>temperature sensor<br>relay<br>sensor coverplate                             |
| [Us] rated supply voltage     | 10...30 V AC 50/60 Hz  |
| Rated operational power in VA | 2 VA   |
| Electrical insulation class   | Class II   |
| Network frequency             | 50 Hz<br>60 Hz   |
| Communication port protocol   | BACnet MS/TP   |
| Function available            | Humidity control<br>Scheduling   |
| Information displayed         | Temperature: - 40...122 °F   |
| Control accuracy              | Humidity: +/- 5 %, 20...80 % RH (non-condensing)<br>Temperature: +/- 0.9 °F, (at 70 °F typically calibrated) |
| Number of inputs              | 2 dry contact  |
| Number of outputs             | 2 universal  |
| Output rating                 | For digital output: 30 V AC, 1 A (maximum)<br>For digital output: 30 V AC, 3 A (inrush)                      |
| Temperature setting range     | 4...32 °C heating<br>-17 °C per step   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |  |
|-------------------------|--|
|                         | 12...38 °C cooling   |
| Proportional band       | For heating: adjustable P regulator by -17 °C (factory setting)<br>For cooling: adjustable P regulator by -17 °C (factory setting) |
| Contact operation       | 5 standard push-button   |
| AWG gauge               | AWG 22...AWG 18  |
| Connections - terminals | Screw terminal   |
| Width                   | 86.87 mm   |
| Depth                   | 29.97 mm   |
| Height                  | 124.97 mm  |
| Net weight              | 0.34 kg  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Setting range                         | Dehumidification: 30...95 %<br>Humidification: 10...90 %  |
| Ambient air temperature for operation | -0...50 °C  |
| Ambient air temperature for storage   | -30...50 °C   |
| Relative humidity                     | 0...95 %, non-condensing (operating)<br>0...95 %, non-condensing (storage)  |
| Standards                             | FCC part 15 subpart B<br>UL 873<br>CSA C22.2 No 24<br>ICES-003  |
| Product certifications                | FCC conforming to CFR 47 part 15 class A<br>CE<br>C-Tick conforming to AS/NZS CISPR 22<br>UL listed file E27734 CCN XPAX<br>UL listed file E27734 CCN XPAX7 |
| Directives                            | 89/336/EEC - electromagnetic compatibility  |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 45 g    |
| Package 1 Height             | 15.2 cm |
| Package 1 width              | 10.1 cm |
| Package 1 Length             | 5.2 cm  |

## Offer Sustainability

|                   |  |
|-------------------|--|
| EU RoHS Directive | Will be compliant – Date to be confirmed |
|-------------------|--|