



### Main

|                                       |  |
|---------------------------------------|--|
| Device application                    | Low voltage rooftop<br>Staging equipment (RTU/HP)  |
| Net weight                            | 0.34 kg  |
| Product or component type             | Room controller  |
| Product name                          | SE7000 Series  |
| Device short name                     | SE7600B  |
| Height                                | 124.97 mm  |
| Product specific application          | 2-stage heating<br>2-stage cooling   |
| AWG gauge                             | AWG 22...AWG 18  |
| Directives                            | 89/336/EEC - electromagnetic compatibility   |
| Width                                 | 86.87 mm   |
| Market segment                        | Residential  |
| Ambient air temperature for storage   | -30...50 °C  |
| Depth                                 | 29.97 mm   |
| Ambient air temperature for operation | -0...50 °C   |
| Measurement accuracy                  | Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)   |
| Product certifications                | FCC conforming to CFR 47 part 15 class A CE<br>C-Tick conforming to AS/NZS CISPR 22<br>UL listed file E27734 CCN XPAX<br>UL listed file E27734 CCN XPAX7 |
| Information displayed                 | Temperature: - 40...122 °F   |
| Network frequency                     | 60 Hz<br>50 Hz   |
| Communication port protocol           | BACnet MS/TP   |
| Temperature setting range             | 4...32 °C heating<br>-17 °C per step<br>12...38 °C cooling   |
| Humidity setting range                | Dehumidification: 30...95 %  |
| Calibration certificate               | 1 pt   |
| Sensor type                           | 10 kOhm T2 NTC thermistor temperature  |
| [Us] rated supply voltage             | 10...30 V AC 50/60 Hz  |
| Input type                            | 2 x dry contact  |
| Output current                        | 1 A digital output (maximum)<br>3 A digital output (inrush)<br><= 5 mA analog output   |
| Output type                           | 2 x universal  |
| Output voltage                        | 30 V AC for digital output<br>0...10 V DC for analog output  |
| Standards                             | FCC part 15 Subpart B<br>UL 873<br>CSA C22.2 No 24<br>ICES-003   |
| Relative humidity                     | 0...95 % RH, non-condensing  |
| Storage Relative Humidity             | 0...95 % RH, non-condensing  |
| Range                                 | EcoStruxure Building Expert  |
| Economizer                            | No   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                  |     |
|------------------|-----|
| Humidity control | No  |
| PIR cover        | No  |
| Scheduling       | Yes |

## Complementary

|                               |  |
|-------------------------------|--|
| Device presentation           | Without cover  |
| Rated operational power in VA | 2 VA   |
| Internal resistance           | $\geq 2$ kOhm  |
| Connections - terminals       | Screw terminal   |
| Contact operation             | 5 standard push-button   |
| Regulation loop               | For heating: adjustable P regulator by -17 °C (factory setting)<br>For cooling: adjustable P regulator by -17 °C (factory setting)   |
| Range compatibility           | EcoStruxure Building Expert communication card<br>EcoStruxure Building Expert sensor<br>EcoStruxure Building Expert temperature sensor<br>EcoStruxure Building Expert relay<br>EcoStruxure Building Expert sensor coverplate |

## Environment

|                             |          |
|-----------------------------|----------|
| Electrical insulation class | Class II |
|-----------------------------|----------|

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 10.0 cm |
| Package 1 Width              | 15.0 cm |
| Package 1 Length             | 5.0 cm  |
| Package 1 Weight             | 500.0 g |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| EU RoHS Directive          | Compliant with Exemptions                     |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#">Yes</a>                           |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | <a href="#">End Of Life Information</a>       |