# Product datasheet

Specifications




## Roof Top Controller: BACnet MS/TP, 2H/2C, Local scheduling

SE7652B5045B

To be discontinued

## 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** | 22 AWG...18 AWG |
| **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<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 |
| **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 |

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

| | |
|---|---|
| **Output current** | 1 A digital output (maximum)<br>3 A digital output (inrush)<br><= 5 mA analog output |
| **Output type** | 2 xuniversal |
| **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 |
| **Humidity control** | No |
| **PIR cover** | No |
| **Scheduling** | Yes |

## Complementary

| | |
|---|---|
| **Device presentation** | Without cover |
| **Rated operational power in VA** | 2 VA |
| **Internal resistance** | >= 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** | 5.080 cm |
| **Package 1 Width** | 10.922 cm |
| **Package 1 Length** | 15.240 cm |
| **Package 1 Weight** | 276.691 g |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |