

# Product data sheet

Specifications



## Roof Top Modulating Heat Controller: BACnet MS/TP, 1H/2C, Local scheduling

SE7652F5045B

### Main

Product name	SE7000 Series
Device short name	SE7600F
Product or component type	Room controller
Device application	Low voltage rooftop Modulating heat Staging equipment (RTU/HP)
Net weight	0.34 kg
AWG gauge	AWG 22...AWG 18
Height	124.97 mm
Product specific application	1-stage heating 2-stage cooling
Width	86.87 mm
Directives	89/336/EEC - electromagnetic compatibility
Depth	29.97 mm
Ambient air temperature for operation	-0...50 °C
Market segment	Residential
Ambient air temperature for storage	-30...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 C-Tick conforming to AS/NZS CISPR 22 UL listed file E27734 CCN XPAX UL listed file E27734 CCN XPAX7
Information displayed	Temperature: - 40...122 °F
Network frequency	60 Hz 50 Hz
Communication port protocol	BACnet MS/TP
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °C cooling
Humidity setting range	Dehumidification: 30...95 %
Calibration certificate	1 pt
Sensor type	10 kOhm T2 NTC thermistor temperature

<b>[Us] rated supply voltage</b>	10...30 V AC 50/60 Hz
<b>Input type</b>	2 x dry contact
<b>Output current</b>	1 A digital output (maximum) 3 A digital output (inrush) <= 5 mA analog output
<b>Output type</b>	2 x universal
<b>Output voltage</b>	30 V AC for digital output 0...10 V DC for analog output
<b>Standards</b>	FCC part 15 Subpart B UL 873 CSA C22.2 No 24 ICES-003
<b>Relative humidity</b>	0...95 % RH, non-condensing
<b>Storage Relative Humidity</b>	0...95 % RH, non-condensing
<b>Range</b>	EcoStruxure Building Expert
<b>Economizer</b>	No
<b>Humidity control</b>	No
<b>PIR cover</b>	No
<b>Scheduling</b>	Yes

## Complementary

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

## Environment

<b>Electrical insulation class</b>	Class II
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	15.2 cm
<b>Package 1 Width</b>	10.1 cm
<b>Package 1 Length</b>	5.2 cm
<b>Package 1 Weight</b>	45.0 g

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>

<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>

**Recommended replacement(s)**