

# Product data sheet

Specifications



## Roof Top Modulating Heat Controller: Stand Alone, 1H/2C, Local scheduling

SE7652F5045

### Main

<b>Product name</b>	SE7000 Series
<b>Device short name</b>	SE7600F
<b>Product or component type</b>	Room controller
<b>Device application</b>	Modulating heat Low voltage rooftop Staging equipment (RTU/HP)
<b>Net weight</b>	0.34 kg
<b>AWG gauge</b>	AWG 22...AWG 18
<b>Height</b>	124.97 mm
<b>Product specific application</b>	1-stage heating 2-stage cooling
<b>Width</b>	86.87 mm
<b>Directives</b>	89/336/EEC - electromagnetic compatibility
<b>Depth</b>	29.97 mm
<b>Ambient air temperature for operation</b>	-0...50 °C
<b>Market segment</b>	Residential
<b>Ambient air temperature for storage</b>	-30...50 °C
<b>Measurement accuracy</b>	Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
<b>Product certifications</b>	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
<b>Information displayed</b>	Temperature: - 40...122 °F
<b>Network frequency</b>	50 Hz 60 Hz
<b>Communication port protocol</b>	Standalone (network ready)
<b>Temperature setting range</b>	4...32 °C heating -17 °C per step 12...38 °C cooling
<b>Humidity setting range</b>	Dehumidification: 30...95 %
<b>Calibration certificate</b>	1 pt
<b>Sensor type</b>	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)**