

# Product data sheet

Specifications



## Roof Top Unit, Heat Pump & Indoor Air Quality Controller, BACnet MS/TP, RH sensor & control, PIR motion sensor, Zigbee Pro, White Case/Fascia

SE8650U5B11P

### Main

<b>Product name</b>	SE8000 Series
<b>Device short name</b>	SE8600
<b>Product or component type</b>	Roof top unit
<b>Device application</b>	Staging equipment (RTU/HP)
<b>Net weight</b>	340 g
<b>AWG gauge</b>	AWG 22...AWG 18
<b>Height</b>	120 mm
<b>Width</b>	86 mm
<b>Directives</b>	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
<b>Depth</b>	25 mm
<b>Ambient air temperature for operation</b>	0...50 °C
<b>Market segment</b>	Hotel Lodging Small commercial Buildings Healthcare Non-critical buildings Office Residential School
<b>Housing colour</b>	White
<b>Ambient air temperature for storage</b>	-30...50 °C
<b>Measurement accuracy</b>	Temperature: +/- 0.5 °C, Humidity: +/- 5 %, 20...80 % RH (non-condensing) Humidity: +/- 10 %, 10...20 % (non-condensing) Humidity: +/- 10 %, 80...90 % (non-condensing)
<b>Information displayed</b>	Temperature: - 40...122 °F
<b>Network frequency</b>	50 Hz 60 Hz
<b>Communication port protocol</b>	BACnet MS/TP Zigbee Pro Modbus RTU
<b>Input voltage</b>	0...10 V
<b>Temperature setting range</b>	12...37.5 °C cooling

4.5...32 °C heating

<b>Standards</b>	EN/IEC 60730-1 EN/IEC 60730-2-9 EN/IEC 60730-2-13 CSA E60730-2-9 UL 60730-2-9 UL 60730-2-13 ICES-003 FCC part 15 Subpart B ETSI EN 300 328:v2.1.1 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C ETSI EN 301 489-17:v2.2.1, 2012 RSS 247
<b>Relative humidity</b>	0...75 %
<b>[Us] rated supply voltage</b>	24 V AC 50/60 Hz +/- 15 %
<b>Output voltage</b>	0...10 V DC for analog output 24 V AC/DC for relay output 0...10 V AC/DC for voltage output
<b>Output type</b>	5 x relay output 5 x discrete 4 x universal 4 x analog
<b>Output current</b>	1 A relay output 3 A relay output (inrush)
<b>Sensor type</b>	10 kOhm T2 NTC thermistor temperature Space RH sensor humidity Single point calibrated bulk polymer RH sensor humidity
<b>Input type</b>	2 x dry contact 2 x 2 x discrete 5 x analog
<b>Humidity setting range</b>	30...95 %
<b>Range</b>	EcoStruxure Building Expert
<b>Economizer</b>	Yes
<b>Humidity control</b>	Yes
<b>PIR cover</b>	Yes
<b>Scheduling</b>	Yes

## Complementary

<b>Surface finish</b>	Matt
<b>Surface treatment</b>	Untreated
<b>Function available</b>	HVAC control Available with CO2/RH/T Brightness sensor Changes can be made directly over display Code lock function Easily configurable Firmware update by USB Fan control

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.6 cm
<b>Package 1 Width</b>	12.0 cm
<b>Package 1 Length</b>	2.5 cm
<b>Package 1 Weight</b>	245.0 g

## Offer Sustainability

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<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>
<b>RoHS exemption information</b>	Yes
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: LEAD, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Recommended replacement(s)