

# SE8650U5B11

Roof Top Unit, Heat Pump & Indoor Air Quality  
Ctrl: BACnet MS/TP, RH sensor & control, PIR  
motion sensor, White Case/Fascia

---



## Main

Product name	SE8000 Series
Device short name	SE8600
Product or Component Type	Roof top unit
Device Application	Staging equipment (RTU/HP)
Net Weight	11.99 oz (340 g)
AWG Gauge	AWG 22...AWG 18
Targeted Region	North America.
Height	4.72 in (120 mm)
Width	3.39 in (86 mm)
Temperature Resolution	0.1 °C
Humidity Measurement Drift	Less Than 1 % Yearly
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
Depth	0.98 in (25 mm)
Ambient Air Temperature for Operation	32...122 °F (0...50 °C)
Market Segment	Lodging/Hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Housing Colour	White
Ambient Air Temperature for Storage	-22...122 °F (-30...50 °C)
Measurement accuracy	Temperature +/- 0.5 °C, Humidity +/- 5 %, 20...80 % RH non-condensing) Humidity +/- 10 %, 10...20 % non-condensing) Humidity +/- 10 %, 80...90 % non-condensing)
Information displayed	Temperature - 40...122 °F
Network frequency	50 Hz 60 Hz
Communication Port Protocol	BACnet MS/TP Modbus RTU Zigbee Pro
Input voltage	0...10 V
Temperature Setting Range	54...100 °F (12...37.5 °C) cooling 40...90 °F (4.5...32 °C) heating
Calibration Certificate	1 Pt
Standards	EN/IEC 60730-1 FCC part 15 Subpart B ICES-003 ETSI EN 300 328 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C UL 60730-2-9 ETSI EN 301 489-17:v2.2.1, 2012
Relative Humidity	0...75 %
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 %
Output voltage	24 V AC/DC relay output 0...10 V AC/DC voltage output
Output type	5 xrelay output 4 xuniversal

Output Current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Sensor Type	10 kOhm T2 NTC thermistor Temperature Space RH sensor Humidity Bulk polymer Humidity
Input type	Dry contact 2 Analog 5
Humidity setting range	30...95 %
Range	EcoStruxure Building Expert
Economizer	No
Humidity Control	Yes
PIR Cover	Yes
Scheduling	Yes

## Complementary

Surface Finish	Matte
Surface treatment	Untreated
Function available	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

## Ordering and shipping details

Category	21009-SBS ROOM CONTROLLERS SE8000
Discount Schedule	DE10
GTIN	3606481204998
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.98 in (2.5 cm)
Package 1 Width	3.39 in (8.6 cm)
Package 1 Length	4.72 in (12.0 cm)
Package 1 Weight	1.52 oz (43.0 g)

## Offer Sustainability

California proposition 65	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>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes