

Product datasheet

Specifications



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

SE8650U0B00

 **Discontinued on:** 22 Feb 2024

 **To be discontinued**

EAN Code: 3606489928414

Main

Product Name	SE8000 Series
Device Short Name	SE8600
Product Or Component Type	Roof top unit
Device Application	Staging equipment (RTU/HP)
Net Weight	340 g
Awg Gauge	AWG 22...AWG 18
Targeted Region	North America.
Height	120 mm
Width	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	25 mm
Ambient Air Temperature For Operation	0...50 °C
Market Segment	Lodging/hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Housing Colour	Silver
Ambient Air Temperature For Storage	-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	60 Hz 50 Hz
Communication Port Protocol	BACnet MS/TP Modbus RTU
Input Voltage	0...10 V

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

Temperature Setting Range	12...37.5 °C cooling 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 for relay output 0...10 V AC/DC for 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	2 x dry contact 5 x analog
Humidity Setting Range	30...95 %
Range	EcoStruxure Building Expert
Economizer	No
Humidity Control	Yes
Pir Cover	No
Scheduling	Yes

Complementary

Surface Finish	Matt
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.5 cm
Package 1 Width	8.6 cm
Package 1 Length	12.0 cm
Package 1 Weight	43.0 g

Contractual warranty

Warranty	18 months
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Sustainability



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration