

Product datasheet

Specifications



Low-Voltage Fan Coil Room Controller & Zone Controller: BACnet MS/TP, RH sensor & control, PIR motion sensor, White Case/Fascia

SE8350U5B11

Main

Product Name	SE8000 Series
Device Short Name	SE8300
Product Or Component Type	Room controller
Device Application	Low voltage fan coil
Net Weight	340 g
Awg Gauge	AWG 24...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
[In] Rated Current	4 A
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	White
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	50 Hz 60 Hz
Communication Port Protocol	BACnet MS/TP Modbus RTU
Input Voltage	0...10 V DC

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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
Output Voltage	24 V AC for relay output 0...10 V DC for analog output
Relative Humidity	0...95 %
Output Current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Input Type	2 x dry contact 5 x analog
Sensor Type	10 kOhm T2 NTC thermistor temperature Space RH sensor humidity Bulk polymer humidity
Output Type	5 xrelay output 4 xuniversal
[Us] Rated Supply Voltage	24 V AC 50/60 Hz +/- 15 %
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
Humidity Setting Range	30...95 %
Range	EcoStruxure Building Expert
Economizer	Yes
Humidity Control	Yes
Pir Cover	Yes
Scheduling	No

Complementary

Surface Finish	Matt
Surface Treatment	Untreated
Function Available	Fan control 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5 cm
Package 1 Width	10.7 cm
Package 1 Length	15.2 cm
Package 1 Weight	241 g

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Mercury Free

 RoHS Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)