

Product data sheet

Specifications



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

SER8350A5B11

Main

Product Name	SE8000 Series
Device Short Name	SER8300
Product Or Component Type	Room controller
Device Application	Line 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

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
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	7 V DC 50/60 Hz +/- 10 %
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	4.7 cm
Package 1 Width	10.6 cm
Package 1 Length	15.2 cm
Package 1 Weight	220 g

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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[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
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 www.P65Warnings.ca.gov