Product data sheet

Specifications

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

SER8350A0B11

Product availability: Stock - Normally stocked in distribution facility

Main

Product Name	SE8000 Series
Device Short Name	SER8300
Product Or Component Type	Room controller
Device Application	Line voltage fan coil
Net Weight	11.99 oz (340 g)
Awg Gauge	AWG 24...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
Line Rated Current	4 A
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

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

Input Voltage	0...10 V DC
Temperature Setting Range	54…100 °F (12…37.5 °C) cooling 40…90 °F (4.5…32 °C) heating
Calibration Certificate	1 Pt
Output Voltage	24 V AC relay output 0...10 V DC analog output
Relative Humidity	0…95 %
Output Current	1 A relay output
Input Type	Dry contact 2 Analog 5
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	No
Scheduling	No

Complementary

Surface Finish	Matte
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

Ordering and shipping details

Category	US1DE1021009
Discount Schedule	DE10
Gtin	3606480771606
Returnability	Yes
Country Of Origin	MX

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.93 in (4.9 cm)
Package 1 Width	4.21 in (10.7 cm)
Package 1 Length	6.10 in (15.5 cm)
Package 1 Weight	7.52 oz (213.2 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-CO_2 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
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