Product data sheet

Specifications



Line-Voltage Fan Coil Room Controller: BACnet MS/TP, ZigBee Embedded, RH sensor & control, IP ready, PIR motion sensor, White Case/Fascia [TAA]

SER8350A5B11P

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

AWG Gauge	24 AWG...18 AWG
Width	3.4 in (86 mm)
Market Segment	Lodging Small commercial Hotel Buildings Healthcare Non-critical buildings Office Residential School
Device Application	Line voltage fan coil
Net Weight	12.0 oz (340 g)
Product or Component Type	Room controller
Product name	SE8000 Series
Device short name	SER8300
Height	4.7 in (120 mm)
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
Line Rated Current	4 A
Housing Colour	White
Ambient Air Temperature for Storage	-22…122 °F (-30…50 °C)
Depth	1.0 in (25 mm)
Ambient Air Temperature for Operation	32…122 °F (0…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
Temperature Setting Range	54…100 °F (12…37.5 °C) cooling 40…90 °F (4.5…32 °C) heating

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
Output voltage	24 V AC relay output 0...10 V DC analog output
Relative Humidity	0…95 %
Output Current	1 A relay output 3 A relay output inrush)
Input type	Dry contact 2 Analog 5
Sensor Type	10 kOhm T2 NTC thermistor Temperature Space RH sensor Humidity
Output type	5 xrelay output 4 xuniversal
[Us] rated supply voltage	7 V DC 50/60 Hz +/- 10 %
Standards	EN/IEC 60730-1 EN/IEC 60730-2-9 EN/IEC 60730-2-13 CSA E60730-2-9 UL 60730-2-9 UL 60730-2-13 ICES-003 FCC part 15 Subpart B ETSI EN 300 328:v2.1.1 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C ETSI EN 301 489-17:v2.2.1, 2012 RSS 247
Humidity setting range	30…95 %
Range	SpaceLogic
Economizer	No
Humidity Control	Yes
PIR Cover	Yes
Scheduling	Yes

Complementary

surface treatment	Untreated
Surface Finish	Matte
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	US1BMS180230
Discount Schedule	BMS1
GTIN	3606489715502
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.0 in (15.2 cm)
Package 1 Width	4.3 in (10.8 cm)
Package 1 Length	2.0 in (5 cm)
Package weight(Lbs)	7.8 oz (220 g)

Compliance

Compliance	TAA Compliant

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**173 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**13 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**159 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**36265055-6713-4452-af94-2e6566ec0ebd**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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**

Use Again

Repack and remanufacture

Recyclability potential, in %	**0**
Circularity Profile	End of Life Information
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Image of product / Alternate images

Alternative

