

Product data sheet

Specifications



Low-Voltage Fan Coil Room Controller &, Zone Controller: BACnet MS/TP, ZigBee Embedded, RH sensor, IP ready, PIR motion sensor, Silver Case/Fascia

SE8350U5B00P

Product availability: Stock - Normally stocked in distribution facility

Main

AWG Gauge	AWG 24...AWG 18
Humidity Measurement Drift	Less Than 1 % Yearly
Width	3.4 in (86 mm)
Market Segment	Lodging/Hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Device Application	Low voltage fan coil
Product Weight	12.0 oz (340 g)
Product or Component Type	Room controller
product name	SE8000 Series
Device short name	SE8300
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
Temperature Resolution	0.1 °C
Housing Colour	Silver
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

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	54...100 °F (12...37.5 °C) cooling 40...90 °F (4.5...32 °C) heating
Input voltage	0...10 V DC
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 3 A relay output inrush) 0.3 A universal output 1.5 A universal output inrush)
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	24 V AC 50/60 Hz +/- 15 %
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	EcoStruxure Building Expert
Economizer	No
Humidity Control	Yes
PIR Cover	Yes
Scheduling	No

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	3606489715458

Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.06 in (15.4 cm)
Package 1 Width	4.17 in (10.6 cm)
Package 1 Length	1.97 in (5 cm)
Package 1 Weight	7.8 oz (220 g)

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	
Carbon footprint (kg CO2 eq, Total Life cycle)	181
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	36265055-6713-4452-af94-2e6566ec0ebd
REACH Regulation	REACH Declaration
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	
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative

