

Product data sheet

Specifications



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

SER8350A0B00

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

Price* : 500.00 USD

Main

Targeted Region	North America.
Temperature Resolution	0.1 °C
Humidity Measurement Drift	Less Than 1 % Yearly
Range	EcoStruxure Building Expert
Product name	SE8000 Series
Device short name	SER8300
Product or Component Type	Room controller
Sensor Type	Temperature: 10 kOhm T2 NTC thermistor Humidity: space RH sensor Humidity: bulk polymer
Housing Colour	Silver
Calibration Certificate	1 Pt
Output Current	1 A relay output
Economizer	Yes
Humidity Control	Yes
PIR Cover	No
Scheduling	No

Complementary

Device Application	Line voltage fan coil
[Us] rated supply voltage	7 V DC 50/60 Hz +/- 10 %
Network frequency	50 Hz 60 Hz
Line Rated Current	4 A
Communication Port Protocol	BACnet MS/TP Modbus RTU
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

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

Setpoint range cooling	54...100 °F (12...37.5 °C) cooling 40...90 °F (4.5...32 °C) heating
Temperature display range	Temperature Temperature - 40...122 °F
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)
Input type	Dry contact 2 Analog 5
Input voltage	0...10 V DC
Output type	5 relay output 4 universal
Output voltage	24 V AC relay output 0...10 V DC analog output
Surface Finish	Matt
Surface treatment	Untreated
AWG gauge	AWG 24...AWG 18
Width	3.39 in (86 mm)
Depth	0.98 in (25 mm)
Height	4.72 in (120 mm)
Net Weight	11.99 oz (340 g)
Market Segment	Lodging/Hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School

Environment

Dehumidification setpoint range	30...95 %
Relative Humidity	0...95 %
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient Air Temperature for Storage	-22...122 °F (-30...50 °C)
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
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive

Ordering and shipping details

Category	21009 - SBS ROOM CONTROLLERS SE8000
Discount Schedule	DE10
GTIN	3606480771491
Nbr. of units in pkg.	1
Package weight(Lbs)	1.52 oz (43 g)
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.98 in (2.5 cm)
Package 1 width	3.39 in (8.6 cm)
Package 1 Length	4.72 in (12 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Weight	23.05 lb(US) (10.455 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information