

Product data sheet

Specifications



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

SER8350A5B00

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	Silver
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
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
Output type	5 x relay output 4 x universal
[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	43 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant

[EU RoHS Declaration](#)

Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

Recommended replacement(s)