

Product datasheet

Specifications



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

SER8300A5B00

! Discontinued on: Mar 28, 2024

! Discontinued

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
Height	120 mm
Width	86 mm
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)
Information Displayed	Temperature
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
Output Voltage	24 V AC for relay output 0...10 V DC for analog output

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

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 xrelay output 4 xuniversal
[Us] Rated Supply Voltage	7 V DC +/- 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
Range	EcoStruxure Building Expert
Economizer	Yes
Humidity Control	No
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

Sustainability



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Transparency RoHS/REACH

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)