

# Product data sheet

Specifications



## Line-Voltage Fan Coil Room Controller: BACnet MS/TP, White Case/Fascia

SER8300A0B11

⚠ Discontinued on: Jan 14, 2021

⚠ 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	White
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 Zigbee Pro
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

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	No
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	4.5 cm
Package 1 Width	10.5 cm
Package 1 Length	15 cm
Package 1 Weight	219 g

## 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](#)

California Proposition 65

WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)