Product datasheet

Specifications

Green Premium™

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

SER8300A5B00

Discontinued on: 14 Jan 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	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

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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

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