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Product data sheet
Characteristics

SER8350A0B11
Line-Voltage Fan Coil Room Controller: BACnet MS/TP, RH sensor & control, White Case/Fascia

Green Premium™

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Main

Product name	SE8000 Series
Device short name	SER8300
Product or component type	Room controller
Device application	Line voltage fan coil
Product 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	White
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 Bulk polymer humidity
Output type	5 xrelay output 4 xuniversal
[Us] rated supply voltage	7 V DC 50/60 Hz +/- 10 %

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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	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

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