

Product datasheet

Specifications



Line-Voltage Fan Coil Controller BACnet - rel humidity - PIR cover - WH

SER8350A5B11

EAN Code: 3606480772207

Main

AWG gauge	AWG 24...AWG 18
Height	120 mm
Temperature resolution	0.1 °C
Ambient air temperature for storage	-30...50 °C
Depth	25 mm
Humidity measurement drift	Less than 1 % yearly
Width	86 mm
Market segment	Lodging/hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Device application	Line voltage fan coil
Net weight	340 g
Product or component type	Room controller
Product name	SE8000 Series
Device short name	SER8300
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
[In] rated current	4 A
Housing colour	White
Ambient air temperature for operation	0...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 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	SpaceLogic
Economizer	Yes
Humidity control	Yes
PIR cover	Yes
Scheduling	No

Complementary

surface treatment	Untreated
Surface finish	Matt
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	15.4 cm
Package 1 Width	10.4 cm
Package 1 Length	5 cm
Package 1 Weight	220 g

Logistical informations

Country of origin	MX
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Contractual warranty

Warranty (in months)

18



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	171 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	12 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	159 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	36265055-6713-4452-af94-2e6566ec0ebd
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	End of Life Information
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative



Technical Illustration

Image of assembly of product

