Product datasheet

Specifications



Low-Voltage Fan Coil Room Controller & Zone Controller: BACnet MS/TP, ZigBee Embedded, IP ready,RH sensor & control, PIR sensor, White Case/Fascia

SE8350U5B11P

Main

Product name	SE8000 Series
Device short name	SE8300
Product or component type	Room controller
Device application	Low 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 Small commercial Hotel 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 Zigbee Pro
Temperature setting range	12…37.5 °C cooling

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

	4.5…32 °C heating
Input voltage	0...10 V DC
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 3 A relay output (inrush)
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	24 V AC 50/60 Hz +/- 15 %
Standards	EN/IEC 60730-1 EN/IEC 60730-2-9 EN/IEC 60730-2-13 CSA E60730-2-9 UL 60730-2-9 UL 60730-2-13 ICES-003 FCC part 15 Subpart B ETSI EN 300 328:v2.1.1 ETSI EN 301 489-1:v1.9.2 FCC part 15 Subpart C ETSI EN 301 489-17:v2.2.1, 2012 RSS 247
Humidity setting range	30…95 %
Range	EcoStruxure Building Expert
Economizer	No
Humidity control	Yes
PIR cover	Yes
Scheduling	Yes

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	8.6 cm
Package 1 Width	12.0 cm
Package 1 Length	2.5 cm
Package 1 Weight	245.0 g

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes

Recommended replacement(s)