

Product data sheet

Specifications



Low-Voltage Fan Coil Room Controller & Zone Controller: BACnet MS/TP, RH sensor & control, Silver Case/Fascia

SE8350U0B00

Main

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|----------------------------|--|
| Targeted region | North America. |
| Temperature resolution | 0.1 °C |
| Humidity measurement drift | Less than 1 % yearly |
| Range | EcoStruxure Building Expert |
| Product name | SE8000 Series |
| Device short name | SE8300 |
| Product or component type | Room controller |
| Sensor type | Temperature: 10 kOhm T2 NTC thermistor Humidity: space RH sensor Humidity: bulk polymer |
| Housing colour | Silver |
| Calibration certificate | 1 pt |
| Output current | 1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush) |
| Economizer | Yes |
| Humidity control | Yes |
| PIR cover | No |
| Scheduling | No |

Complementary

| | |
|-----------------------------|---|
| Device application | Low voltage fan coil |
| [Us] rated supply voltage | 24 V AC 50/60 Hz +/- 15 % |
| Network frequency | 50 Hz 60 Hz |
| [In] rated current | 4 A |
| Communication port protocol | BACnet MS/TP Modbus RTU |
| 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 |

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|----------------------------------|--|
| Setpoint range cooling | 12...37.5 °C cooling 4.5...32 °C heating |
| Temperature display range | Temperature Temperature: - 40...122 °F |
| 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) |
| Input type | 2 x dry contact 5 x analog |
| Input voltage | 0...10 V DC |
| Output type | 5 relay output 4 universal |
| Output voltage | 24 V AC for relay output 0...10 V DC for analog output |
| Surface finish | Matt |
| Surface treatment | Untreated |
| AWG gauge | AWG 24...AWG 18 |
| Width | 86 mm |
| Depth | 25 mm |
| Height | 120 mm |
| Net weight | 340 g |
| Market segment | Lodging/hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School |

Environment

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|--|--|
| Dehumidification setpoint range | 30...95 % |
| Relative humidity | 0...95 % |
| Ambient air temperature for operation | 0...50 °C |
| Ambient air temperature for storage | -30...50 °C |
| 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 |
| Directives | 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive |

Packing Units

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|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 500 g |
| Package 1 Height | 4.8 cm |
| Package 1 width | 10.7 cm |
| Package 1 Length | 15.4 cm |

Offer Sustainability

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|-----------------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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 |