

Product data sheet

Specifications



Roof Top Unit, Heat Pump & Indoor Air Quality Ctrl: BACnet MS/TP, RH sensor & control, PIR motion sensor, Silver Case/Fascia

SE8650U5B00

Main

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	SE8600
Product or component type	Roof top unit
Sensor type	Temperature: 10 kOhm T2 NTC thermistor Humidity: space RH sensor Humidity: bulk polymer
Housing colour	Silver
Calibration certificate	1 pt
Economizer	No
Humidity control	Yes
PIR cover	Yes
Scheduling	Yes

Complementary

Device application	Staging equipment (RTU/HP)
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 %
Network frequency	60 Hz 50 Hz
Communication port protocol	BACnet MS/TP Modbus RTU Zigbee Pro
Function available	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 Fan control
Setpoint range cooling	12...37.5 °C cooling 4.5...32 °C heating
Temperature display range	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
Output type	5 relay output 4 universal
Output voltage	24 V AC/DC for relay output 0...10 V AC/DC for voltage output
Output current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Surface finish	Matt
Surface treatment	Untreated
AWG gauge	AWG 22...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

Dehumidification setpoint range	30...95 %
Relative humidity	0...75 %
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	246 g
Package 1 Height	4.5 cm
Package 1 width	10.5 cm
Package 1 Length	15 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
