

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

Product name	SE8000 Series
Device short name	SE8600
Product or component type	Roof top unit
Device application	Staging equipment (RTU/HP)
Net weight	340 g
AWG gauge	AWG 22...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
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	Silver
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	60 Hz 50 Hz
Communication port protocol	BACnet MS/TP Modbus RTU Zigbee Pro

Input voltage	0...10 V
Temperature setting range	12...37.5 °C cooling 4.5...32 °C heating
Calibration certificate	1 pt
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
Relative humidity	0...75 %
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 %
Output voltage	24 V AC/DC for relay output 0...10 V AC/DC for voltage output
Output type	5 x relay output 4 x universal
Output current	1 A relay output 3 A relay output (inrush) 0.3 A universal output 1.5 A universal output (inrush)
Sensor type	10 kOhm T2 NTC thermistor temperature Space RH sensor humidity Bulk polymer humidity
Input type	2 x dry contact 5 x analog
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	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

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	15.0 cm
Package 1 Weight	246.0 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
California proposition 65	WARNING: This product can expose you to chemicals including: LEAD, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Recommended replacement(s)