



Main

Range	EcoStruxure Building Expert
Product name	SE7000 Series
Device short name	SE7600H
Product or component type	Room controller
Device application	Low voltage heat pump
Product specific application	2-stage cooling 3-stage heating
PIR cover	Without cover
Sensor type	10 kOhm T2 NTC thermistor measurement range: +/- 0.2 °F

Complementary

Range compatibility	communication card sensor temperature sensor relay sensor coverplate
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Rated operational power in VA	2 VA
Electrical insulation class	Class II
Network frequency	50 Hz 60 Hz
Communication port protocol	Zigbee
Function available	Scheduling
Information displayed	Temperature: - 40...122 °F
Control accuracy	Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
Number of inputs	2 dry contact
Number of outputs	2 universal
Output rating	For digital output: 30 V AC, 1 A (maximum) For digital output: 30 V AC, 3 A (inrush) For analog output: 0...10 V DC, <= 5 mA into >= 2 kOhm
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °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

Proportional band	For heating: adjustable P regulator by -17 °C (factory setting) For cooling: adjustable P regulator by -17 °C (factory setting)
Contact operation	5 standard push-button
AWG gauge	AWG 22...AWG 18
Connections - terminals	Screw terminal
Width	86.87 mm
Depth	29.97 mm
Height	124.97 mm
Net weight	0.34 kg

Environment

Ambient air temperature for operation	-0...50 °C
Ambient air temperature for storage	-30...50 °C
Relative humidity	0...95 %, non-condensing (operating) 0...95 %, non-condensing (storage)
Standards	FCC part 15 subpart B UL 873 CSA C22.2 No 24 ICES-003
Product certifications	FCC conforming to CFR 47 part 15 class A CE C-Tick conforming to AS/NZS CISPR 22 UL listed file E27734 CCN XPAX UL listed file E27734 CCN XPAX7
Directives	89/336/EEC - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	200 g
Package 1 Height	10 cm
Package 1 width	15 cm
Package 1 Length	5 cm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration