

SE7652W5045B

Water Source Heat Pump Controller: BACnet MS/TP, 2H/2C, Local scheduling



Main

Device application	Low voltage heat pump Staging equipment (RTU/HP)
Net weight	0.34 kg
Product or component type	Room controller
Product name	SE7000 Series
Device short name	SE7600W
Height	124.97 mm
Product specific application	3-stage heating 2-stage cooling
AWG gauge	AWG 22...AWG 18
Directives	89/336/EEC - electromagnetic compatibility
Width	86.87 mm
Market segment	Residential
Ambient air temperature for storage	-30...50 °C
Depth	29.97 mm
Ambient air temperature for operation	-0...50 °C
Measurement accuracy	Humidity: +/- 5 %, 20...80 % RH (non-condensing) Temperature: +/- 0.9 °F, (at 70 °F typically calibrated)
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
Information displayed	Temperature: - 40...122 °F
Network frequency	50 Hz 60 Hz
Communication port protocol	BACnet MS/TP
Temperature setting range	4...32 °C heating -17 °C per step 12...38 °C cooling
Humidity setting range	Dehumidification: 30...95 % Humidification: 10...90 %
Calibration certificate	1 pt
Relative humidity	0...95 % RH, non-condensing
Output voltage	30 V AC for digital output
Output current	1 A at 30 V digital output (maximum) 3 A at 30 V digital output (inrush)
Standards	FCC part 15 Subpart B UL 873 CSA C22.2 No 24 ICES-003
Sensor type	Single point calibrated bulk polymer RH sensor 10 kOhm T2 NTC thermistor
Storage Relative Humidity	0...95 % RH, non-condensing
[Us] rated supply voltage	10...30 V AC 50/60 Hz
Input type	2 x dry contact
Output type	2 x universal
Range	EcoStruxure Building Expert

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Economizer	No
Humidity control	Yes
PIR cover	No
Scheduling	Yes

Complementary

Device presentation	Without cover
Rated operational power in VA	2 VA
Connections - terminals	Screw terminal
Contact operation	5 standard push-button
Regulation loop	For heating: adjustable P regulator by -17 °C (factory setting) For cooling: adjustable P regulator by -17 °C (factory setting)
Range compatibility	EcoStruxure Building Expert communication card EcoStruxure Building Expert sensor EcoStruxure Building Expert temperature sensor EcoStruxure Building Expert relay EcoStruxure Building Expert sensor coverplate

Environment

Electrical insulation class	Class II
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.2 cm
Package 1 Width	10.1 cm
Package 1 Length	5.2 cm
Package 1 Weight	45.0 g

Offer Sustainability

EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information