



### Main

Range	EcoStruxure Building Expert
Product name	SE8000 Series
Device short name	SER8300
Product or component type	Room controller
Sensor type	10 kOhm T2 NTC thermistor measurement range: +/- 0.5 % Space RH sensor measurement range: +/- 5 %
Colour tint	Silver

### Complementary

Device application	Low voltage fan coil
[Us] rated supply voltage	7 V DC +/- 10 %
Network frequency	50 Hz 60 Hz
[In] rated current	4 A
Communication port protocol	BACnet MS/TP Modbus RTU
Function available	Fan control Humidity control Scheduling 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
Setpoint range cooling	12...37.5 °C cooling 4.5...32 °C heating
Temperature display range	-40...50 °C
Measurement accuracy	Temperature: +/- 0.5 °C,

	Humidity: +/- 5 %, 20...80 % RH (non-condensing)
Discrete input type	2 dry contact
Analogue input type	Analog input 0...10 V5 x
Number of outputs	5 relay output 4 universal
Output voltage	24 V AC/DC 1 A for relay output 0...10 V AC/DC <= 5 mA for voltage 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 Small commercial Hotel Buildings Healthcare Non-critical buildings Office Residential School

## Environment

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

Package 1 Weight	0.043 kg
Package 1 Height	2.500 cm
Package 1 width	8.600 cm
Package 1 Length	12.000 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>