



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)

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

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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins