



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: +/- 0.1 °C Single point calibrated bulk polymer RH sensor measurement range: +/- 5 %
Colour tint	White

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
Function available	Humidity control Economiser Scheduling for not included
Setpoint range cooling	12...37.5 °C for cooling 4.5...32 °C for heating
Temperature display range	-40...50 °C
Measurement accuracy	+/- 0.5 °C temperature +/- 5 % humidity (20...80 % RH non-condensing)
Discrete input type	3 discrete input
Number of outputs	0
Surface finish	Matt
Surface treatment	Untreated
AWG gauge	AWG 24...AWG 18
Width	86 mm

Depth	25 mm
Height	120 mm
Product weight	340 g
Market segment	Residential Non-critical buildings Buildings Healthcare Lodging Hotel School Office

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	IEC 61326-1: 2005 FCC part 15 subpart C RSS 210 issue 8 FCC part 15 subpart B ICES-003 ETSI EN 301 328: V1.8.1 ETSI EN 301 489-1: v1.9.2 IEC 61010-1: ed. 3
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
RoHS (date code: YYWW)	Compliant Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available