Touchscreen Room Controller Roof Top Unit, Heat Pump & Indoor Air Quality: BACnet MSTP, RH sensor, PIR sensor, Black

SXWTRC6500B00X

Product availability: Stock - Normally stocked in distribution facility

Main

AWG Gauge	AWG 22...AWG 18
Humidity Measurement Drift	Less Than 1 % Yearly
Width	3.2 in (81 mm)
Market Segment	Lodging/Hotel Small commercial Buildings Healthcare Non-critical buildings Office Residential School
Device Application	Staging equipment (RTU/HP)
Net Weight	12.0 oz (340 g)
Product or Component Type	Room controller
Product name	Touchscreen Room Controller
Device short name	TRC6500
Height	4.7 in (120 mm)
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive 2014/53/EU - radio equipment directive
Temperature Resolution	0.1 °C
Housing Colour	Black
Ambient Air Temperature for Storage	-22…122 °F (-30…50 °C)
Depth	1.1 in (28 mm)
Ambient Air Temperature for Operation	32…122 °F (0…50 °C)
Network frequency	60 Hz 50 Hz
Measurement accuracy	Temperature +/- 0.5 °C, Humidity +/- 5 %, 20...80 % RH non-condensing) Humidity +/- 10 %, 10...20 % non-condensing) Humidity +/- 10 %, 80...90 % non-condensing)
communication port protocol	BACnet MS/TP Modbus RTU
Output Current	1 A relay output 3 A relay output inrush) 0.3 A universal output 1.5 A universal output inrush)
Relative Humidity	0…75 %

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Temperature Setting Range	54…100 °F (12…37.5 °C) cooling 40…90 °F (4.5…32 °C) heating
Sensor Type	10 kOhm T2 NTC thermistor Temperature Space RH sensor Humidity Bulk polymer Humidity PIR
[Us] rated supply voltage	24 V AC 50/60 Hz +/- 15 % 24 V DC +/- 15 %
Output voltage	24 V AC/DC relay output 0...10 V AC/DC voltage output
Input type	Universal input 8
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
Output type	5 xrelay output 4 xuniversal output
Input voltage	0...10 V
Humidity setting range	30…95 %
Range	SpaceLogic Touchscreen Room Controller
Economizer	No
Humidity Control	Yes
PIR Cover	Yes
Scheduling	Yes

Complementary

Surface Finish	Matte
Function available	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 Fan control

Environment

Pollution degree	2

Ordering and shipping details

Category	US1BMS180230
Discount Schedule	BMS1
GTIN	3606486881798
Returnability	Yes
Country of origin	RO

Packing Units

Unit Type of Package 1	PCE

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Number of Units in Package 1	1
Package 1 Height	7.32 in (18.6 cm)
Package 1 Width	5.20 in (13.2 cm)
Package 1 Length	2.91 in (7.4 cm)
Package 1 Weight	12.0 oz (340 g)
Unit Type of Package 2	S02
Number of Units in Package 2	7
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	5.20 lb(US) (2.36 kg)

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

How we assess product sustainability ⟩

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
Scip Number	Cbbd084a-a79a-4197-bc75-282a397dd209

Technical Illustration

Dimensions