

# Product data sheet

Specifications



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

SXWTRC6500B11X

**Product availability: Stock - Normally stocked in distribution facility**

### Main

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

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

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

## Complementary

<b>Surface Finish</b>	Matte
<b>Function available</b>	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

<b>Pollution degree</b>	2
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## Ordering and shipping details

<b>Category</b>	US1BMS180230
<b>Discount Schedule</b>	BMS1
<b>GTIN</b>	3606486881736
<b>Returnability</b>	Yes
<b>Country of origin</b>	RO

## Packing Units

<b>Unit Type of Package 1</b>	PCE
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<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.81 in (7.15 cm)
<b>Package 1 Width</b>	4.92 in (12.5 cm)
<b>Package 1 Length</b>	7.28 in (18.5 cm)
<b>Package 1 Weight</b>	11.7 oz (333 g)
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	7
<b>Package 2 Height</b>	5.91 in (15 cm)
<b>Package 2 Width</b>	11.81 in (30 cm)
<b>Package 2 Length</b>	15.75 in (40 cm)
<b>Package 2 Weight</b>	5.20 lb(US) (2.36 kg)

## Sustainability


**Green Premium™ 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<sub>2</sub> 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

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