

Product data sheet

Specifications



Room controller, SpaceLogic RP-C Pro, 16 points, 24 VAC/DC power supply [TAA]

SXWRCF16B10001

Product availability: Stock - Normally stocked in distribution facility

Main

Width	7.09 in (180 mm)
Mounting Mode	DIN Rail Mount Panel-mounted
Product Certifications	RCM cUL Listed UL Listed
Power Consumption in VA	30 VA
Clock Drift	+/- 1 min/month
Device Application	HVAC Low voltage fan coil Chilled beam
Product or Component Type	Field Controller
Device short name	RP-C-16B-F-24V
Function Available	Programmable Smart Sensor Input
Model	RP-C-16B-F-24V
Color	Black
Range	SpaceLogic
Network Frequency	50 Hz 60 Hz
Ambient Air Temperature for Storage	-4...158 °F (-20...70 °C)
IP Degree of Protection	IP20
Input/Output Type	8 universal I/O
Input Voltage	-0.5...24 V DC for universal input
Relative Humidity	0...95 % RH, non-condensing
Memory Type	128 MB internal 64 MB flash 128 kB FRAM
Communication Port Support	ETHERNET 10/100BASE-TX
[Us] Rated Supply Voltage	24 V AC +/- 15 % 24...30 V DC 23...33 V DC
Number of Outputs	3 form A relay output 1 relay output 4 solid-state relay output
Height	4.3 in (110 mm)
Product Weight	0.86 lb(US) (0.39 kg)

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

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

Depth	2.5 in (64 mm)
Protection Type	Internal fuse Built-in by varistor
Number of Port	2 RJ45 1 USB type A female 1 USB device port Mini-B
Range	SpaceLogic

Complementary

product name	RP-C Pro
Analogue input type	Configurable voltage, current or probe 0...2 mA Configurable voltage, current or probe 0...10 V input voltage Configurable voltage, current or probe 20 kOhm connection of probes Configurable voltage, current or probe 10 kOhm connection of probes Configurable voltage, current or probe 2.2 kOhm connection of probes Configurable voltage, current or probe 1.8 kOhm connection of probes Configurable voltage, current or probe 1 kOhm connection of probes
Flame retardance	UL94-5VB
Backup time	7 days
Communication port protocol	BACnet IP Bluetooth 5.0 LE 2.4 GHz BACnet MS/TP
Processor name	ARM Cortex-A7
Standards	EN 61000-6-3 EN 50491-5-2 FCC part 15 Subpart A class B FCC part 15 Subpart C class B UL 2043 EN 61000-6-2 EN 50491-5-3 EN 60730-1 EN 60730-2-11 EN 50491-3 UL 916 ETSI EN 300 328 ETSI EN 300 328:v2.1.1

Ordering and shipping details

Category	US1BMS180230
Discount Schedule	BMS1
GTIN	3606482135482
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.72 in (19.6 cm)
Package 1 Width	4.96 in (12.6 cm)
Package 1 Length	2.68 in (6.8 cm)
Package 1 Weight	14.8 oz (420 g)
Unit Type of Package 2	S02
Number of Units in Package 2	4

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	4.810 lb(US) (2.182 kg)

Compliance

Compliance	TAA
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	177
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	F2eb440f-b573-4b23-aecb-4343da95e367
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.