Product data sheet
Characteristics

SXWRCF16B10002
Room controller, SpaceLogic RP-C PRO-16B-F-230V, 16pts: 8 UI/Os (Ub), 4 SSR Outs, 3 Relay Outs, 1 HP Relay, 230 VAC/DC supply



Main

Width	180 Mm
Mounting mode	DIN rail mount Panel-mounted
Product certifications	RCM[RETURN]cUL listed[RETURN]UL listed
Power consumption in VA	65 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-230V
Function available	Programmable Smart sensor input
Colour	Black
Range	SpaceLogic
Network frequency	50 Hz 60 Hz
Ambient air temperature for storage	-20…70 °C
IP degree of protection	IP20
Antenna type	Integrated, 0.92 dBi External, 0.8 dBi (optional) ANT-2.4-WRT-MON-SMA, 0.8 dBi (recommended)
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	230 V AC +/- 10 %
Number of outputs	3 form A relay output 1 relay output 4 solid-state relay output
Height	110 Mm
Product weight	0.72 Kg
Depth	64 Mm
Protection type	Internal fuse Built-in by varistor

Number of port	2, connector type: RJ45 1, connector type: USB type A female 1, connector type: 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.4 Cm
Package 1 Width	12.6 Cm
Package 1 Length	6.8 Cm
Package 1 Weight	780 G

Offer Sustainability

Recyclability potential, in %	10
Total lifecycle Carbon footprint	172 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	15.1148874346
Carbon footprint of the manufacturing phase [A1 to A3]	15 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1002502893
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.003110034
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	156.2476384916
Carbon footprint of the use phase [B2, B3, B4, B6]	156 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.3892729319
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	172
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	2d04e0e7-3b66-479e-93c7-6c8bfdd1be78

REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised