

# Toote infoleht

Tehnilised andmed



## SpaceLogic room controller, 12 points, 8 universal inputs/outputs type Ub, 3 low power relays, 1 high power relay Form C

SXWRCF12B10001

### Main

Range	EcoStruxure Building Operation
Product name	SmartX Room Purpose Controller
Device short name	RP-C-12B-F-24V
Product brand	Schneider Electric
Product or component type	Programmable controllers
Device application	HVAC Low voltage fan coil Chilled beam Low voltage rooftop
[Us] rated supply voltage	20.4...27.6 V AC 23...33 V DC
Digital output	3 relay control circuit 1 relay voltage circuit
Discrete output voltage	0...10 V output circuit 250 V AC control relay 30 V DC control relay 250 V AC voltage relay 24 V DC voltage relay <= 30 V DC solid state output
Discrete output current	2 mA load 4 A control relay (DO1...DO3) 12 A voltage relay (DO4)

### Complementary

Network frequency	50 Hz 60 Hz
Maximum power consumption in W	14 W
Maximum power consumption in VA	23 VA
Discrete input voltage	0...10 V
Discrete input voltage type	DC
Product compatibility	Xenta I/NET Continuum Balco Satchwell Honeywell Johnson Control Invensys (FD) Linx Technologies antenna SmartX living space sensor

<b>Analogue input type</b>	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
<b>Universal Input/outputs number</b>	8
<b>Temperature probe type</b>	LG-Ni 1000 - 50...150 °C Ni 1000 - 50...150 °C Pt 1000 - 50...150 °C
<b>Discrete input current</b>	2,4 mA
<b>Input impedance</b>	100 kOhm voltage circuit 47 Ohm current circuit
<b>Absolute accuracy error</b>	+/- 7 mV plus + 0.2 % of reading voltage +/- 0.01 mA plus + 0.4 % of reading current +/- 0.5 °C - 50...70 °C
<b>Switching frequency</b>	25 Hz
<b>Mechanical durability</b>	100000 cycles control relay 100000 cycles voltage relay
<b>Protection type</b>	Internal fuse Built-in by varistor
<b>Processor name</b>	ARM Cortex-A7
<b>Memory description</b>	Internal 6 MB Flash 32 MB Internal data storage (FRAM) 128 kB
<b>Backup time</b>	7 days
<b>Realtime clock</b>	With
<b>Clock drift</b>	1 min/month 25 °C
<b>Function available</b>	PWM
<b>Integrated connection type</b>	Port USB 2.0 type B mini USB Port USB host port type A RS485 sensor bus RS485 room picto bus
<b>Communication port protocol</b>	BACnet IP Bluetooth 5.0 LE - SMA
<b>Port Ethernet</b>	10/100BASE-TX 2
<b>Communication service</b>	RSTP (Ring topology support) Programming
<b>Topology</b>	Daisy chain Star Ring
<b>Local signalling</b>	Status 1 LED green)
<b>Display type</b>	Without display
<b>Electrical connection</b>	screw terminals, 12 for inputs and outputs screw terminals, 4 output screw terminals, 3 power supply screw terminals, 3 form C relays SMA antenna with cable, 1
<b>Cable length</b>	3 m USB port
<b>Insulation</b>	Between output and ground 3000 V AC Between power output and ground 5000 V AC
<b>Material</b>	ABS/PC
<b>Mounting support</b>	DIN rail wall-mount
<b>Height</b>	110 mm
<b>Depth</b>	64 mm
<b>Width</b>	180 mm

Net weight	390 g
<b>Environment</b>	
Standards	FCC CFR 47 part 15 UL 916 EN 60730-1 EN 60730-2-11 EN 50491-3 UL 2043
Product certifications	BTL FCC part 15 class C CULus CE RCM
Electromagnetic compatibility	Electromagnetic emission EN 61000-6-3 Electromagnetic emission EN 50491-5-2 Electromagnetic emissionclass B FCC part 15 subpart C Electromagnetic emissionclass B FCC part 15 subpart A Immunity to electromagnetic emissions EN 61000-6-2 Immunity to electromagnetic emissions EN 50491-5-3 Radiated emission EN 300-328
Ambient air temperature for operation	0...50 °C -40...60 °C (outside)
Ambient air temperature for storage	-20...70 °C
Relative humidity	0...95 %, non-condensing
IP degree of protection	IP20
Flame retardance	UL94-5V

## Pakke osad

Osa tüüp pakil 1	PCE
Osade arv pakis 1	1
Pakk 1 kaal	440 g
Pakk 1 kõrgus	18,3 cm
Pakk 1 laius	6,9 cm
Pakk 1 pikkus	12,5 cm

## Offer Sustainability

Jätksuutliku pakkumise olek	Green Premium toode
REACH-määrus	<a href="#">REACH-deklaratsioon</a>
ELi RoHS direktiiv	Vastavus <a href="#">ELi RoHS deklaratsioon</a>
Elavhõbedavaba	Jah
RoHS eranditeave	<a href="#">Jah</a>
Hiina EoHS regulatsioon	<a href="#">Hiina RoHS deklaratsioon</a>
Keskkonnaalane avaldus	<a href="#">Toote keskkonnaprofiil</a>
Ringlusprofiil	<a href="#">Kasutuselt kõrvaldamise teave</a>
WEEE	Tootest tuleb Euroopa Liidu turgudel vabaneda vastavuses erijäätmeseadustele ning see ei tohi sattuda olmeprügi sekka.
PVC vaba	Jah
Halogeensisu	Halogeenivabade plastosadega toode