



Main

Range	EcoStruxure Building Operation
Product name	SmartX Room Purpose Controller
Device short name	RP-C-EXT-BL-4-HV-PD
Product brand	Schneider Electric
Product or component type	Expansion unit
[Us] rated supply voltage	230 V AC
Discrete input number	4, dry contact
Discrete output number	4 blind
Discrete output voltage	230 V AC for power supply output
Discrete output current	2 A for per output (M+, M-)

Complementary

Supply voltage limits	253 V
Network frequency	50 Hz 60 Hz
Power supply input current	2.2 mA at 5 V
Input type	Digital
Range compatibility	EcoStruxure Building Operation software
Maximum current per output common	8 A at M+, M-
Protection type	External fuse at 16 A
Processor name	ARM Cortex-M4
Memory description	Flash 512 KB Internal RAM 320 kB
Data backed up	16 MB flash memory
Function available	Blind control
Control type	ADDRESS, range: 0...9 with rotary switch(es)
Supply	Mains, <8 A
Communication port protocol	Ethernet Modbus TCP/IP daisy chain RS485
Port Ethernet	10/100BASE-T 2 port RJ45
Local signalling	LED (green/red) for status indication LED (green) for output relay state
Electrical connection	2-pin terminal block, 4 terminal(s) input circuit 4-pin terminal block, 4 terminal(s) blind 3-pin terminal block, 1 terminal(s) power supply
Measurement range	1...2000 W
Measurement accuracy	1 %
Mounting support	DIN rail Surface mount
Colour	Black
Height	110 mm
Depth	64 mm
Width	198 mm
Net weight	437 g

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	EN 60730-1 EN 60730-2-11 EN 50491-3 EN 50491-5-3 EN 61000-6-2
Product certifications	RCM
Electromagnetic compatibility	Electromagnetic emission conforming to EN 61000-6-3 Electromagnetic emission conforming to EN 50491-5-2 Electromagnetic emission class B conforming to FCC part 15 Subpart B Immunity to electromagnetic emissions conforming to EN 50491-5-3 Immunity to electromagnetic emissions conforming to EN 61000-6-2
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...70 °C
Relative humidity	20...90 %, non-condensing
IP degree of protection	IP20
Pollution degree	2
Flame retardance	UL94-V0
Overvoltage category	III

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.2 cm
Package 1 Width	7.0 cm
Package 1 Length	13.5 cm
Package 1 Weight	487.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.311 kg
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Height	75.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	50.988 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product