

SpaceLogic™ RP-C-EXT-REL-4

Expansion Module

Regulatory Compliance and Safety Information

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

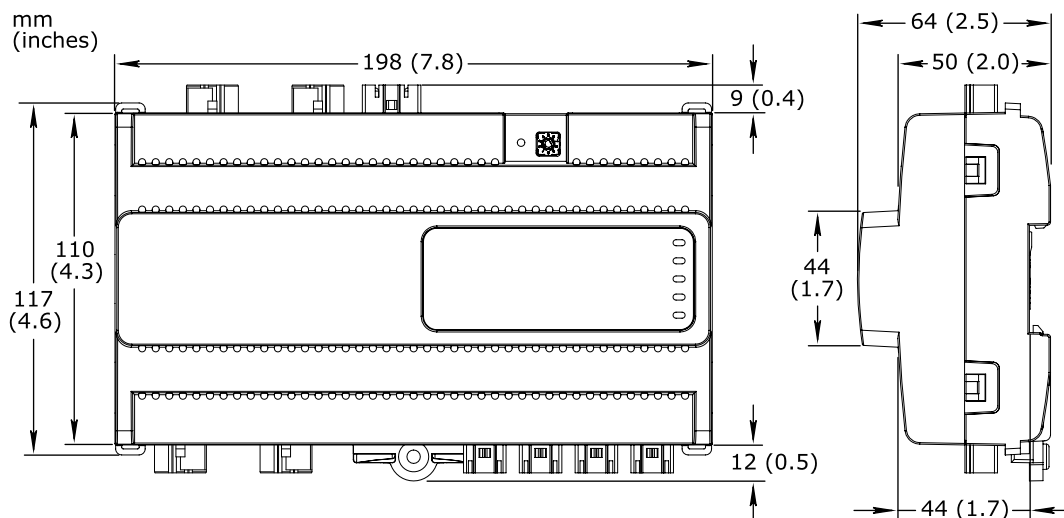
Carefully read these instructions and all information relevant for this product before trying to install it. See the list of technical literature.

The technical literature and declarations of conformity can be accessed on the Schneider Electric Exchange website, ecobuilding.schneider-electric.com. Contact your local Schneider Electric sales office for a hard copy of the documentation or for additional information.

Technical Literature

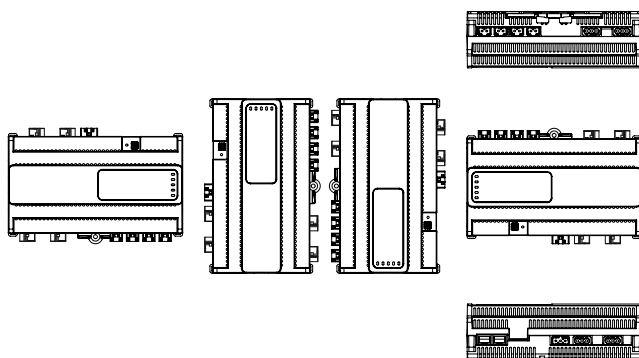
- SpaceLogic Hardware Reference Guide, 04-XX001-XX-en

Dimensions



Installation Orientation Restrictions

Normal operation, 0 to 50 °C (32 to 122 °F):



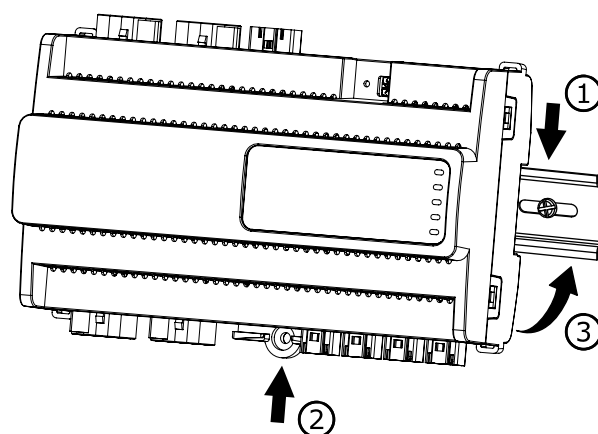
Installing the Device on a DIN Rail

NOTICE

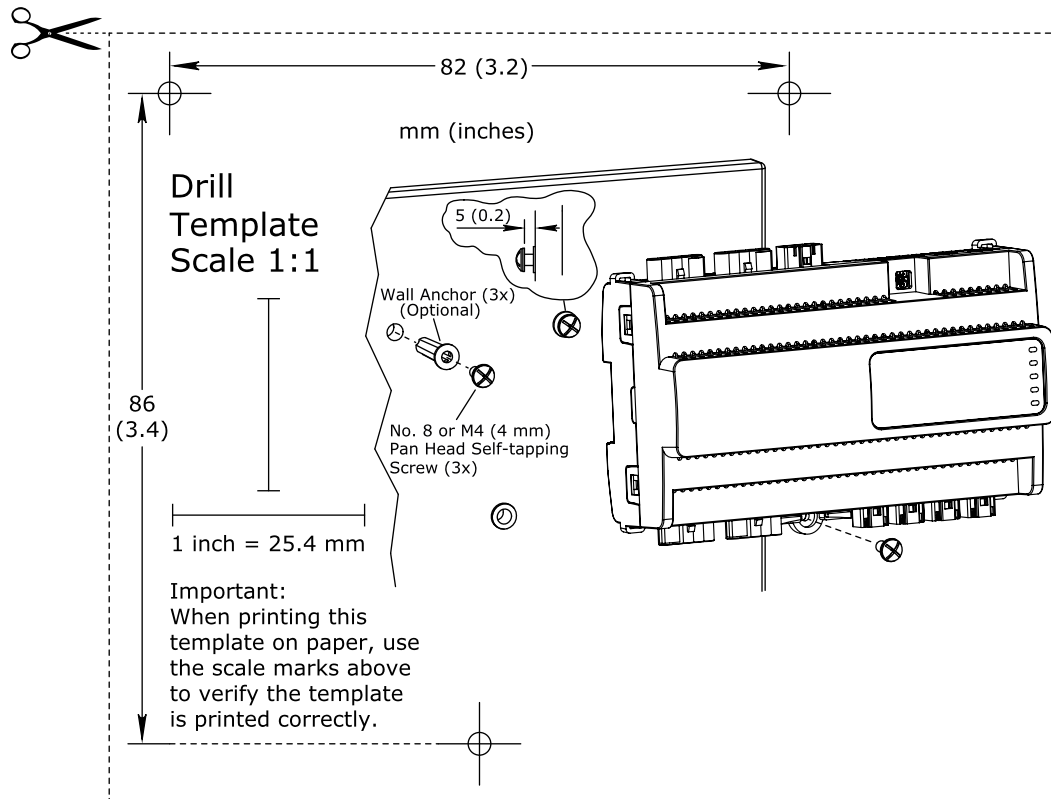
EXPANSION MODULE DAMAGE

Use the DIN rail end clip when you install the RP controller expansion module on a vertical DIN rail.

Failure to follow these instructions can result in equipment damage.



Installing the Device on a Flat Surface



Connections

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Turn off all power connected to this equipment before working on the equipment.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EXPANSION MODULE DAMAGE

Before powering up the RP controller expansion module, ensure that the input power voltage level meets the specifications of the device.

Failure to follow these instructions can result in equipment damage.

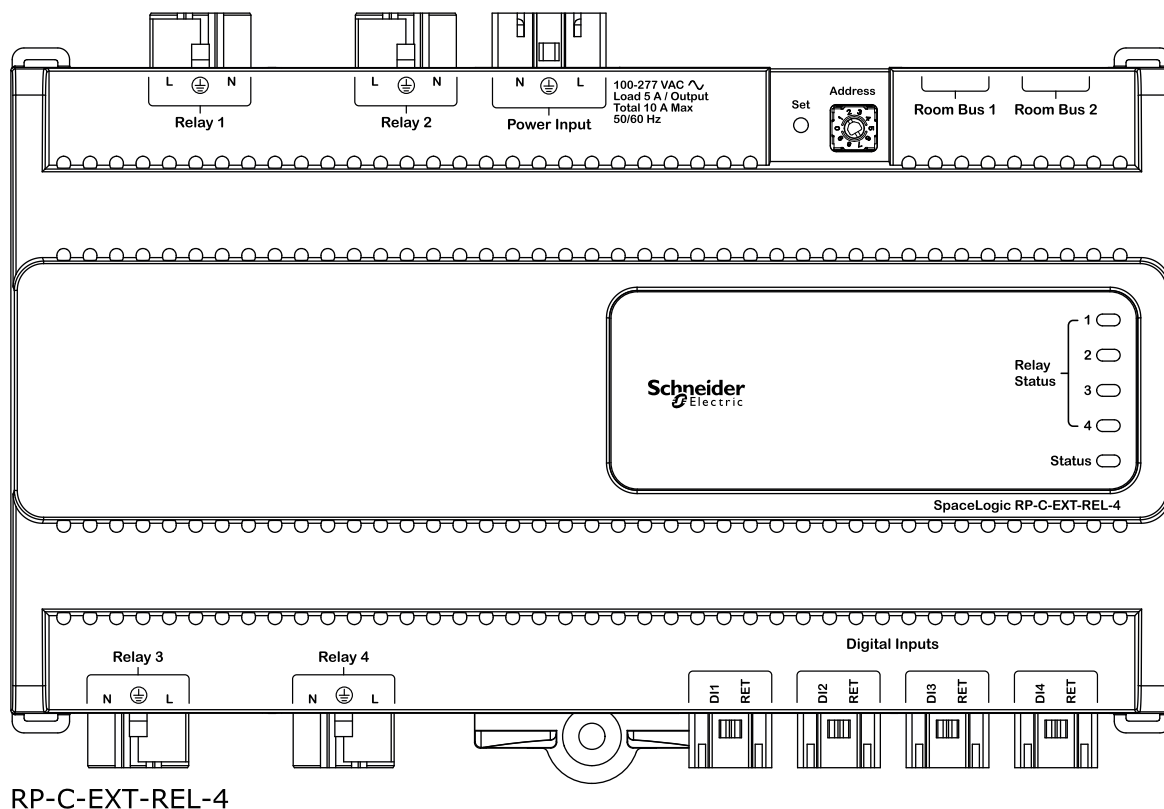
NOTICE

CONNECTOR OR CABLE ASSEMBLY DAMAGE

Anchor the excess cabling to alleviate all stresses on connectors and cable assemblies.

Failure to follow these instructions can result in equipment damage.

Connections, continued



Wiring

For information on wiring, see the SpaceLogic Hardware Reference Guide.

Part Numbers

Product	Part number
RP-C-EXT-REL-4	SXWREREL410001
DIN-rail end clip, 25 pieces	SXWDINEND10001

Required External Connectors

Use	Part number	Reference	Connector type	Suitable for cable diameters mm (inches)	Tightening torque, screws Nm (lbf.in)	Marking	Color of coding /housing	Minimum order quantity
Power supply input	SXWRPCCON WWPOW	91.931.4053.1	Female	5.6–11 (0.22–0.43)	0.3–0.5 (2.7–4.4)	L, PE, N	Black /Black	100
Relay outputs	SXWRPCCON WWREL	91.932.4053.1	Male	5.6–11 (0.22–0.43)	0.3–0.5 (2.7–4.4)	N, PE, L	Black /Black	100
Digital inputs	SXWRPCCON WDI	91.921.2353.0	Female	3.4–5.5 (0.14–0.21)	0.3–0.5 (2.7–4.4)	1, 2 1: DI1..4 2: RET	Light blue /White	100

The external connectors need to be ordered separately. The connectors can be ordered in quantities of 50 or 100 from Schneider Electric using the above part numbers. The connectors can also be ordered directly from Wieland using the above reference numbers. For more information, see the Wieland Electric web site.

Specifications

AC input
Nominal voltage
 100 to 277 VAC ~ 50/60 Hz
Maximum current consumption
 10 A
Overvoltage category
 III
 DC input
Room bus power consumption
 0.3 W (24 VDC)

Port types
Room bus
 RS-485
 Dual RJ45 ports for daisy-chain configurations
 Operation environment
Ambient temperature, operating
 0 to 50 °C (32 to 122 °F)
Humidity
 20 to 90 % RH non-condensing

Pollution degree
 2
 Mechanical
Ingress protection rating
 IP 20
Plastic flame rating
 UL94 V-0
Plenum rating
 UL 2043 (Approved for plenum installations)

Specifications, continued

Relay outputs

Outputs

4, Relay 1 to Relay 4 (L, PE, N terminals)

Power distribution

100 to 277 VAC (same voltage as power supply)

Maximum 5 A load per output


Maximum 10 A total load for the 4 outputs

Maximum 165 A inrush current (<20 ms) per output

Maximum 800 A inrush current (<200 µs) per output

DI – Digital inputs

Input rating

5 VDC , 2.2 mA, SELV

Inputs

4

Addendum - California Proposition 65 Warning Statement for California Residents

⚠ WARNING: This product can expose you to chemicals including lead which is known to the State of California to cause cancer and which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

部件名称 (Part Name)	有害物质 (Hazardous Substances)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件 (Plastic Parts)	O	O	O	O	O	O
电子件 (Electronics)	X	O	O	O	O	O

本表格依据 SJ/T11364 的规定编制。 (This table is made according to SJ/T 11364.)

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
(Indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.)

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
(Indicates that the concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.)

