

SpaceLogic™ CRS-HH-REL-10

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.

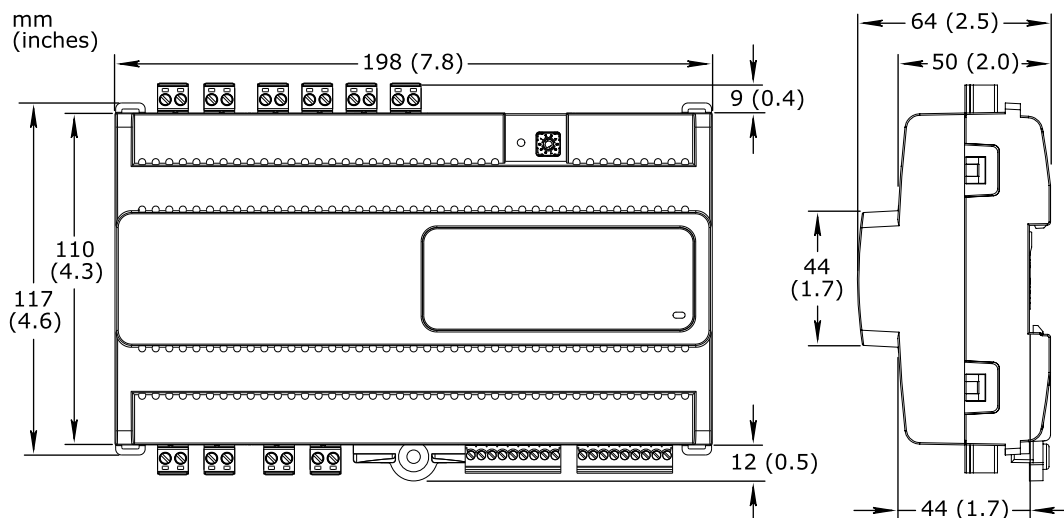
Carefully read these instructions and all information relevant for this product before trying to install it. See the list of technical literature.

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

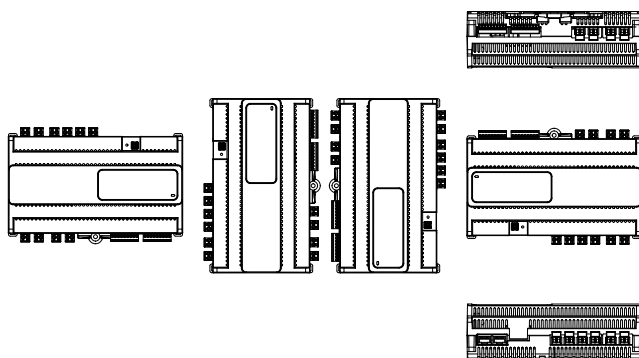
- SpaceLogic Hardware Reference Guide, 04-XX001-XX-en

Dimensions



Installation Orientation Restrictions

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



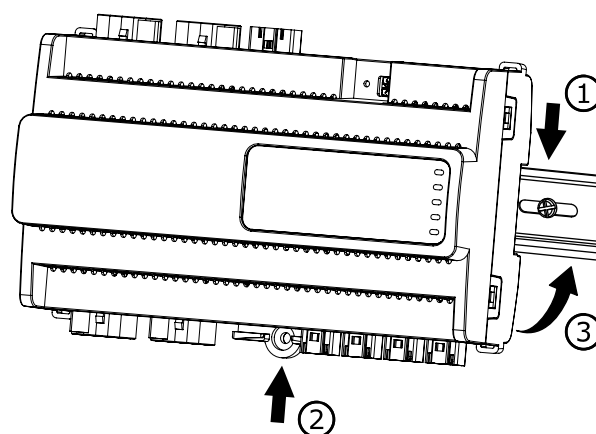
Installing the Device on a DIN Rail

NOTICE

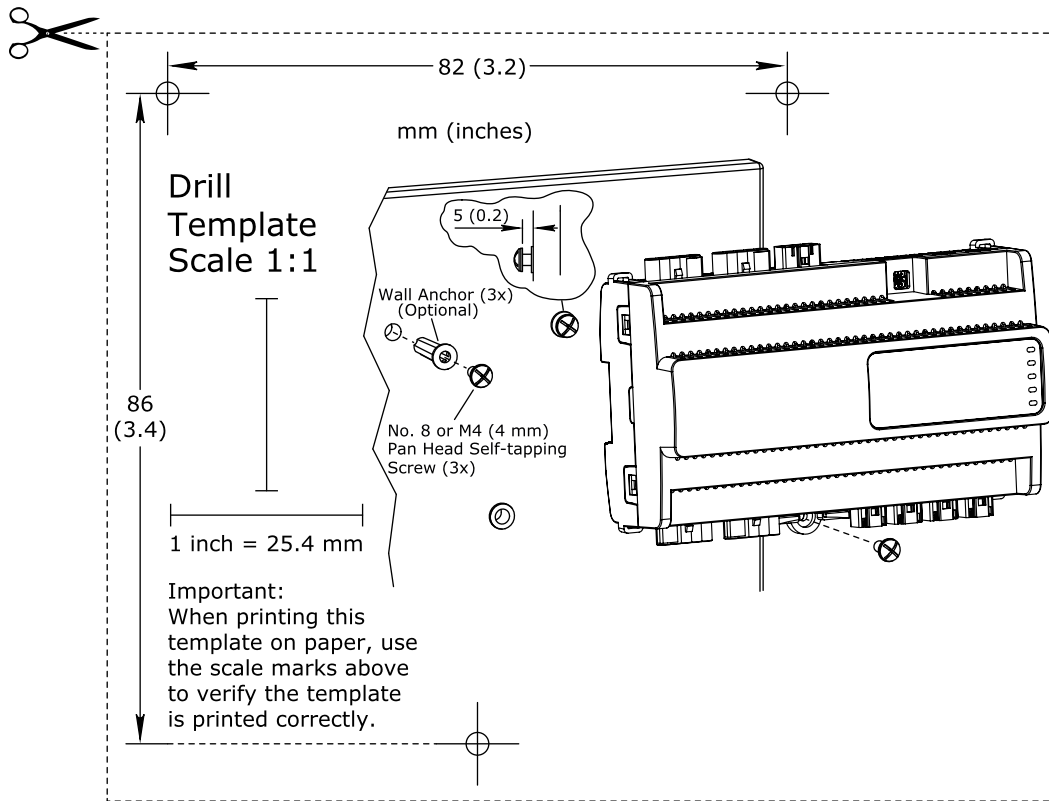
EXPANSION MODULE DAMAGE

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.
- More than one disconnect switch may be required to de-energize this equipment before servicing.

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

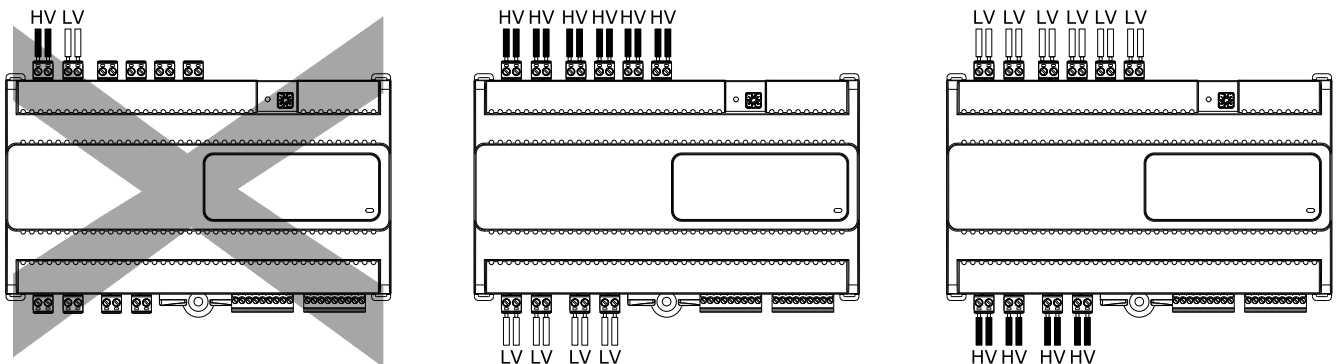
⚠️⚠️ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Do not connect high and low voltage next to each other for relay outputs.

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

To prevent from connecting high and low voltage next to each other, it is recommended not to mix high and low voltage connections on the same side of the device. Connect the high voltage equipment on the upper (DO1-DO6) or lower (DO7-DO10) side and connect low voltage equipment on the opposite side.



HV High Voltage (Not SELV*)

LV Low Voltage (SELV*)

*Safety Extra-low Voltage

Connections, continued

NOTICE

BLINDS/AWNINGS DAMAGE

Before connecting the AC mains voltage to the blinds/awnings connected to the relay outputs, ensure that the CRS-HH-REL-10 relay module is powered up by the RP-C room bus (24 VDC).

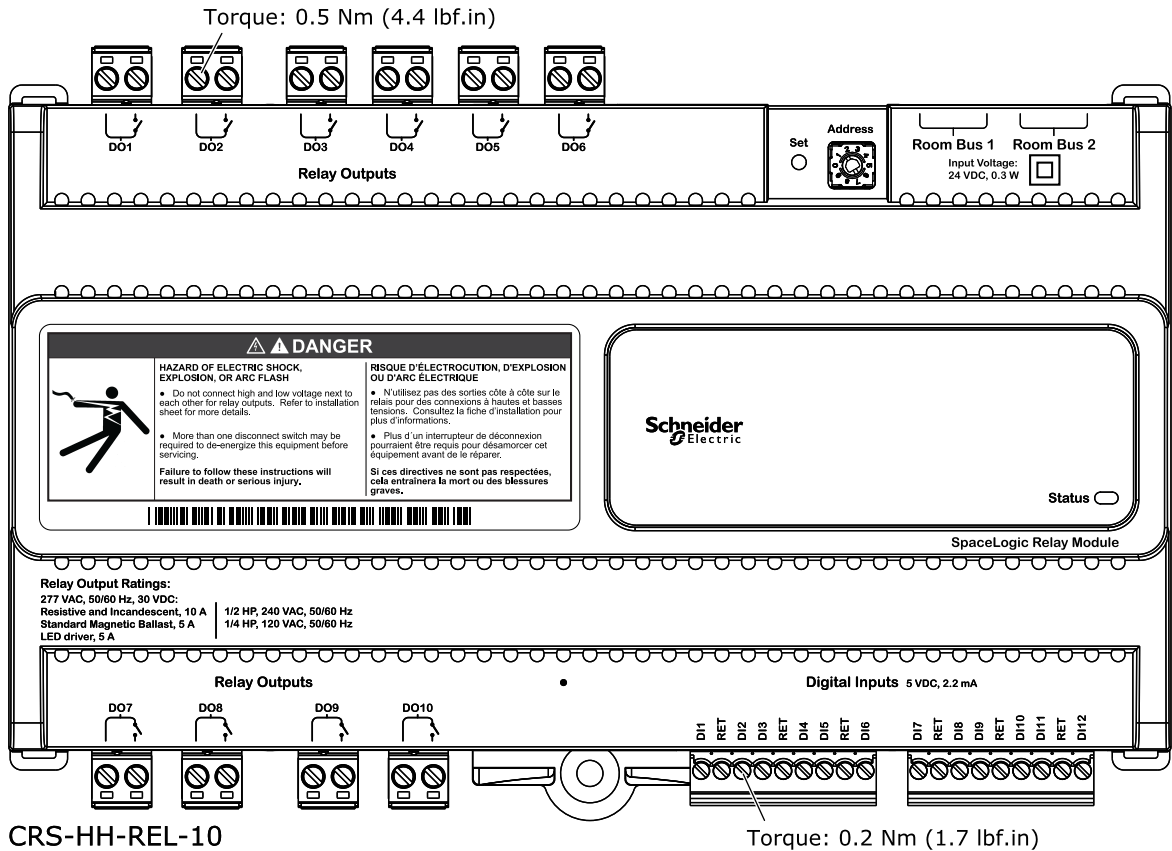
Failure to follow these instructions can result in equipment damage.

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.



Wiring

Recommended screw tightening torques:

- 2-pole connector: 0.5 Nm (4.4 lbf.in)
- 9-pole connector: 0.2 Nm (1.7 lbf.in)

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

Part Numbers

Product	Part number
CRS-HH-REL-10	SXWHHREL10001
Includes pluggable screw terminal blocks (10 x 2-pole, 2 x 9-pole connectors) for the I/O, delivered in a plastic bag with the device.	
DIN-rail end clip, 25 pieces	SXWDINEND10001

Specifications

DC input DC input supply voltage 24 VDC Powered by the RP-C through the room bus (RJ45) Maximum power consumption 0.3 W 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) Relay outputs Outputs 10, DO1 to DO10	Relay output rating 24 to 277 VAC ~, 50/60 Hz / 30 VDC ---, Resistive and incandescent: 10 A Standard magnetic ballast: 5 A LED driver: 5 A 1/2 HP, 240 VAC, 50/60 Hz 1/4 HP, 120 VAC, 50/60 Hz Maximum load current Maximum 50 A total load for the 10 outputs Maximum inrush current Maximum 165 A inrush current (<20 ms) per output Maximum 800 A inrush current (<200 μs) per output Digital inputs Inputs 12, DI1 to DI12 Input rating 5 VDC ---, 2.2 mA, SELV
--	---	---

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)	○	○	○	○	○	○
电子件 (Electronics)	X	○	○	○	○	○

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

○: 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.)

