SENSORBERG

EXTENSION HUB

Instruction manual for Sensorberg's
Extension Hub

March 2022

Also online in: **documents.sensorberg.com**

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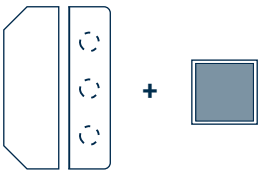


EXTENSION HUB

Able to control electrical locks and provide dry contacts to open locks.
The Extension Hub combines with other Sensorberg product (e.g.
Access Hub, Access Hub Lite). It does not work by itself.

PART 1 - ACCESS HUB LITE ASSEMBLY OVERVIEW

Note: This sample installation shows an Access Hub Lite, but the Extension board can also be used with the Access Hub and Access Hub Protect.

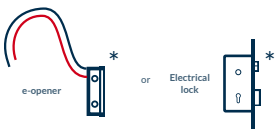
INSTALLATION PREREQUISITES

1. Flush Mounted Socket in wall, next to the door.

*
~125 m height.

Note: dependent on Hardware variant. E.g. Access Hub Lite doesn't require a deep socket.

2. Compatible lock (12V e-opener or dry contact for electric lock)



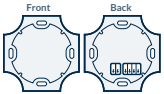
13. Cat 5e (or higher) cable with PoE+.

PoE+ switch in server room provides private VLAN for Sensorberg devices.

The Building Hub requires PoE and must be connected to the private Sensorberg VLAN.

INSTALLATION MATERIALS

3. Access Hub Lite core



7. Sticker

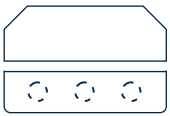
11. Extension Hub Core

120mm x 135mm

4. Access Hub Lite frame

8. Small screw included in Flush Mounted Socket

12. Extension Hub Case



5. Access Hub Lite window

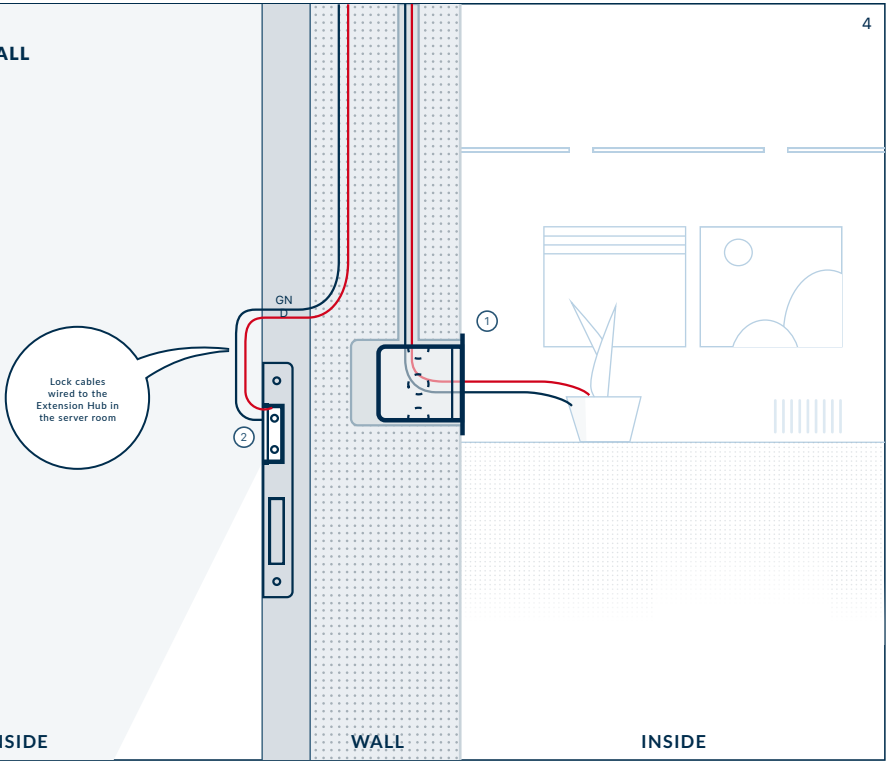
9. Access Hub Lite Sealing

6. Big screw included in Flush Mounted Socket

10. Access Hub Lite Sealing (O-Ring)

*
Not included in the installation package from Sensorberg, as wall texture and required material varies from project to project.

STEP 1
BEFORE YOU INSTALL

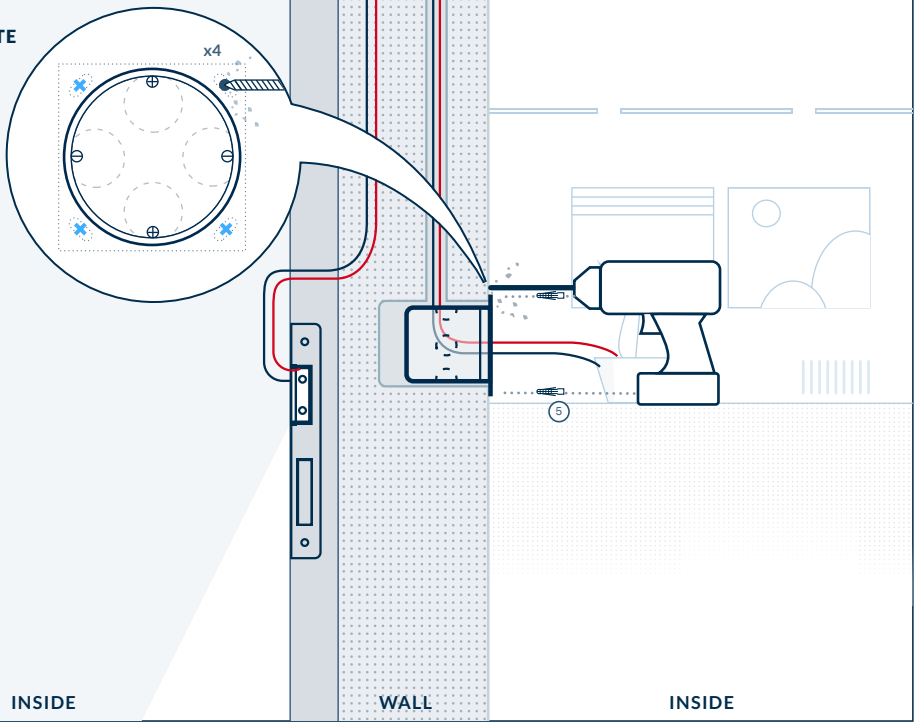


STEP 2

ACCESS HUB LITE INSTALLATION GUIDE

Optional step.

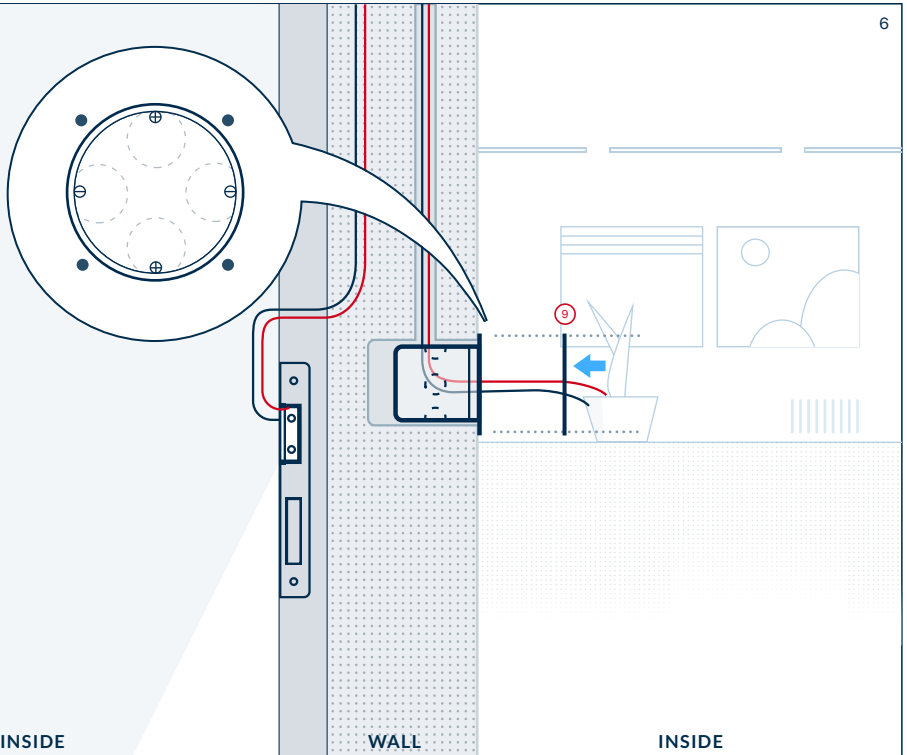
These 4 holes are required if you want to protect the Access Hub Lite from water.



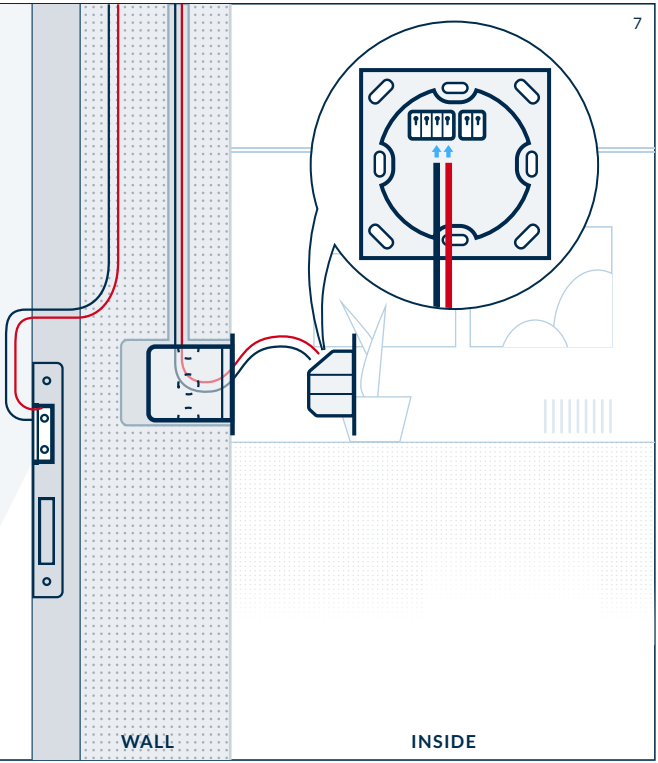
STEP 3

Optional - Access Hub Lite seal | (9).

Use part number 9 if you want your Access Hub Lite to be water resistant.



STEP 4

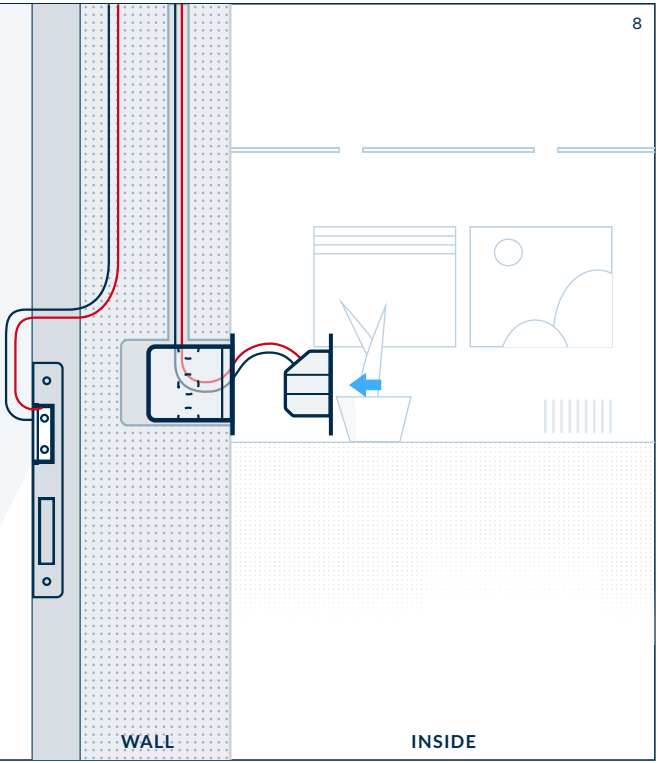


INSIDE

WALL

INSIDE

STEP 5

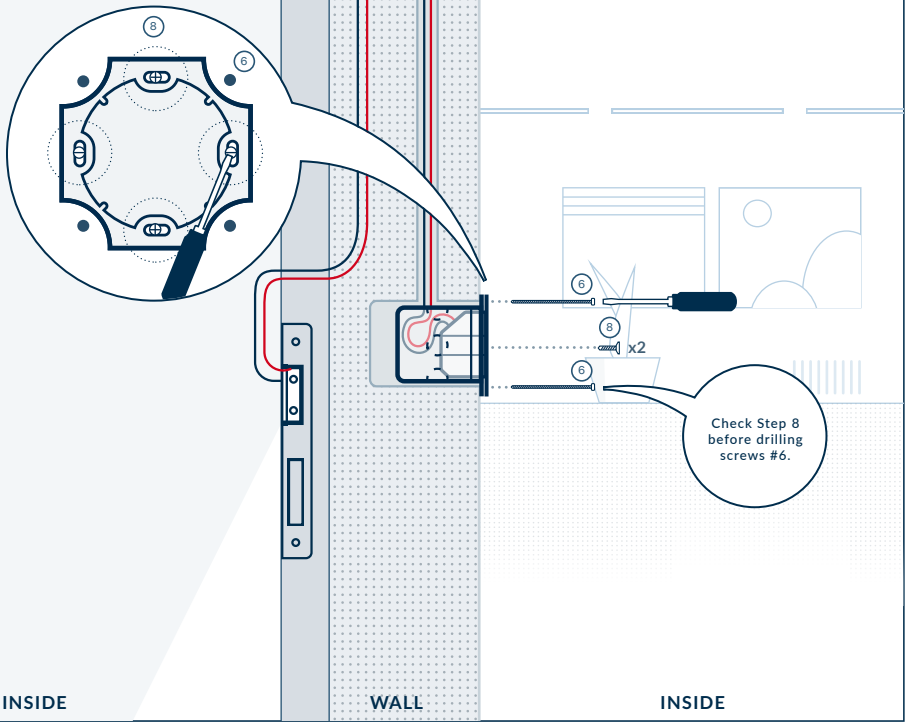


INSIDE

WALL

INSIDE

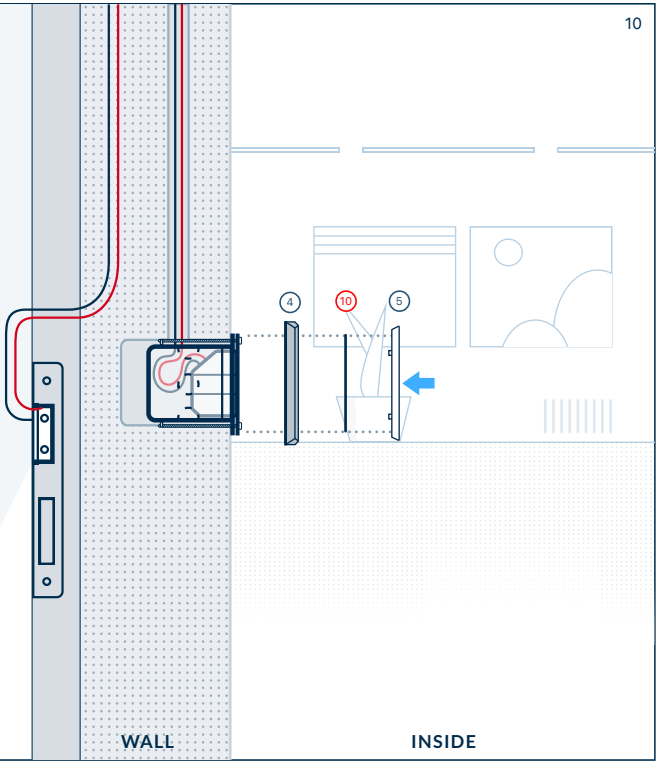
STEP 6


8
6
6
8
x2
6
Check Step 8 before drilling screws #6.
INSIDE
WALL
INSIDE

STEP 7

Optional - Access Hub Lite seal [O-ring] | (10)

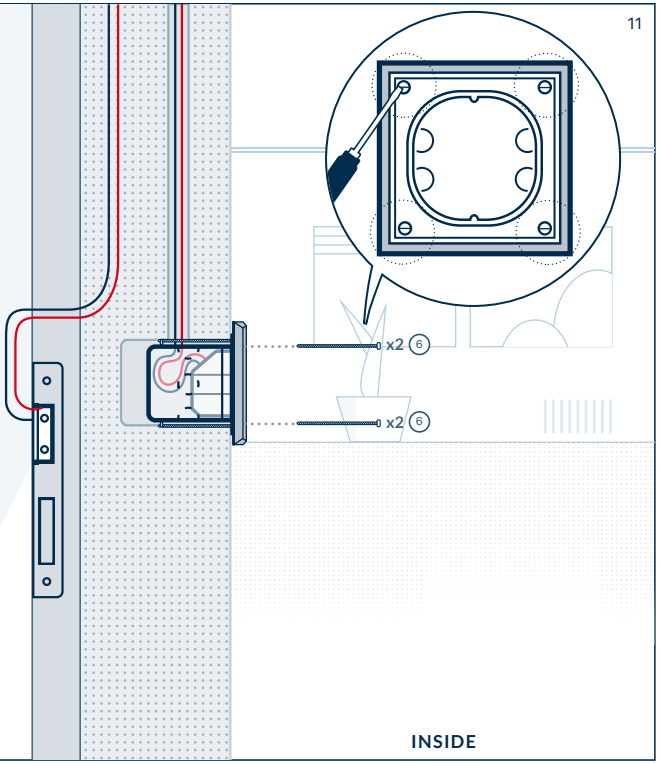
Use part number 10 if you want your Access Hub Lite to be water resistant.



STEP 8

Optional step

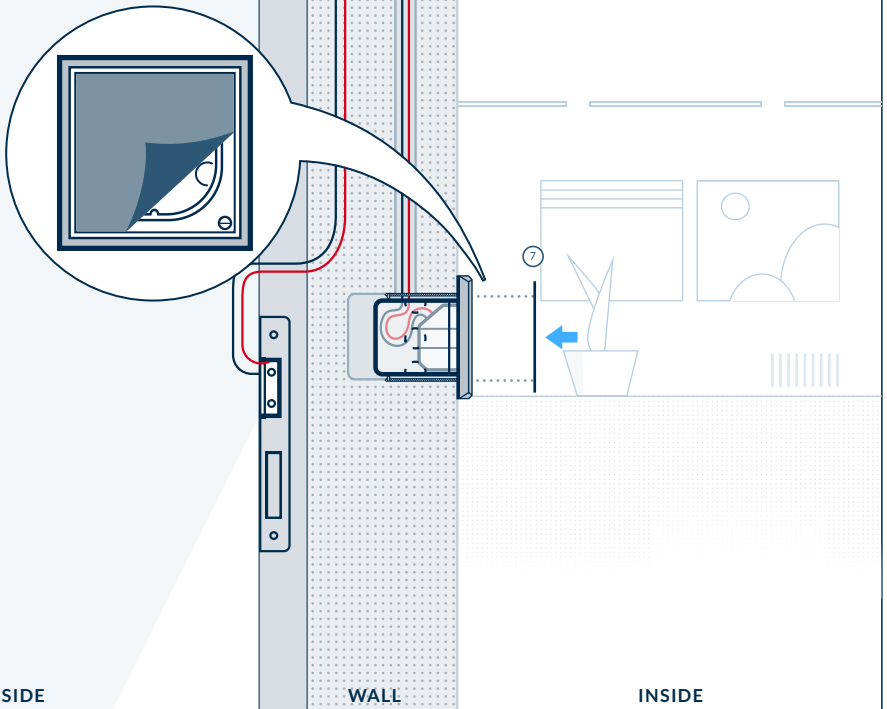
Use this step if you want your Access Hub Lite to be water resistant.



INSIDE

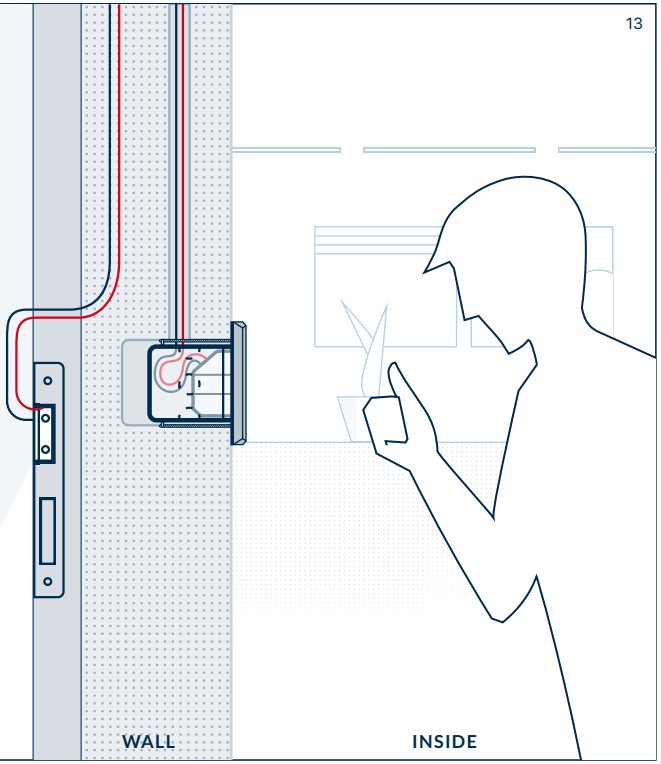
INSIDE

STEP 9



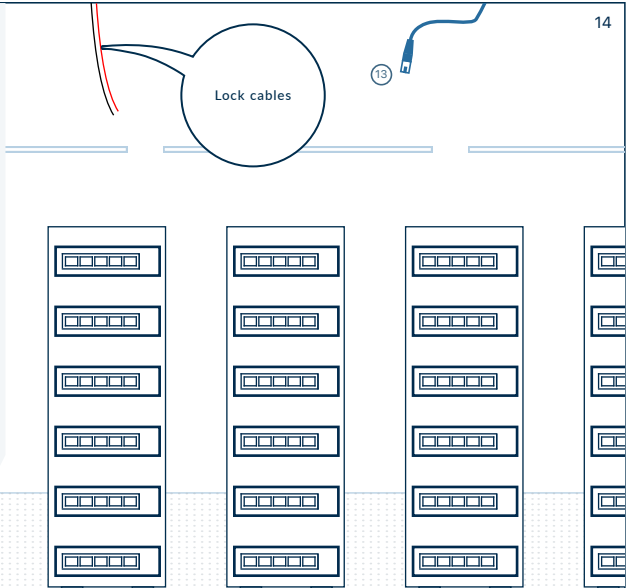
STEP 10

PART 1
ACCESS HUB LITE INSTALLATION COMPLETED

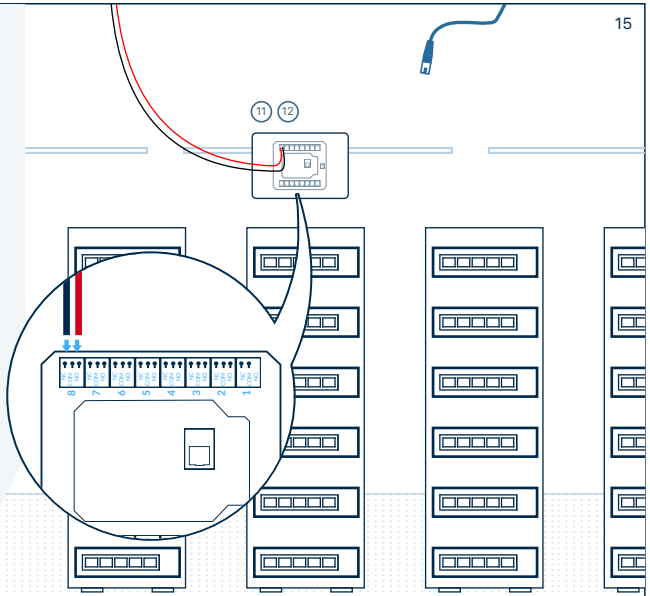


STEP 11

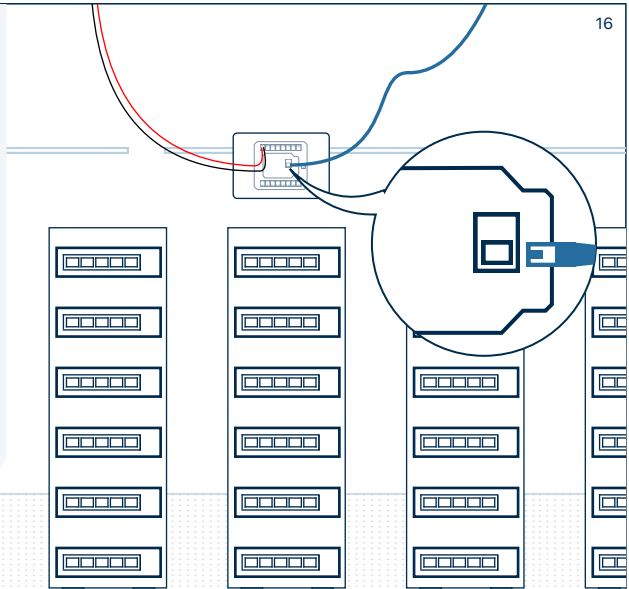
PART 2 - SERVER ROOM
EXTENTION HUB INSTALLATION GUIDE



STEP 12

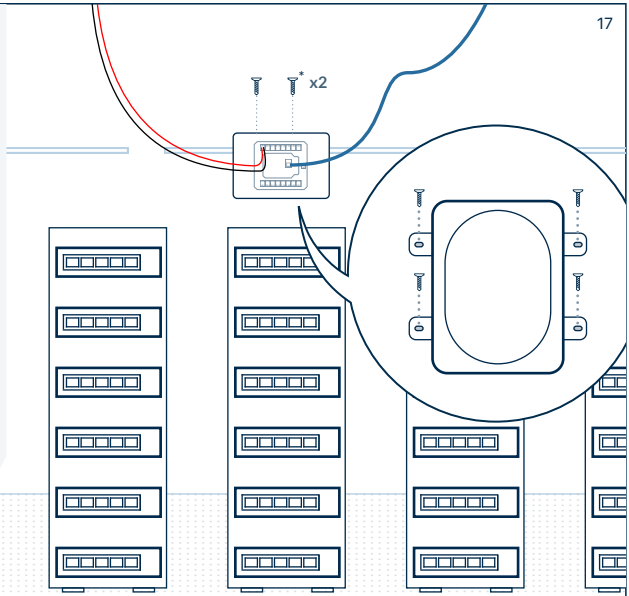


STEP 13

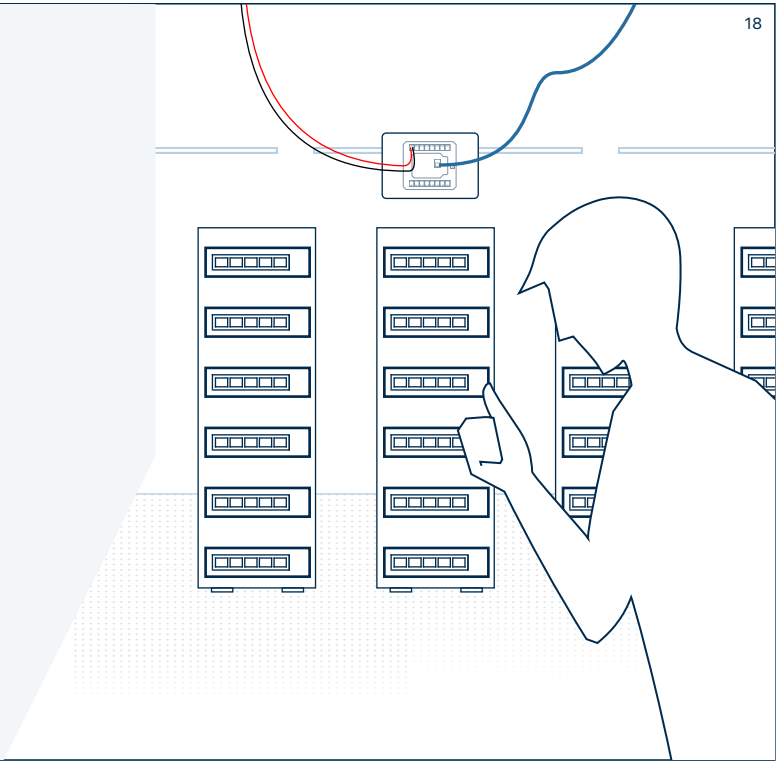


STEP 14

*Fix the Extension Hub to the wall or the surface of your preference. Screws are not included.

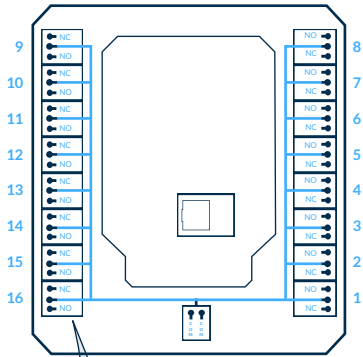
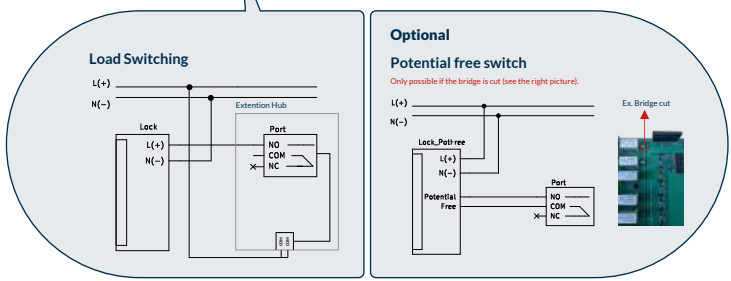


STEP 15



ELECTRICAL CONNECTIONS

Terminal	Function
1-16	30 VDC, 2 A (resistive) 110 VDC, 0.3 A (resistive) 125 VAC, 0.5 A (resistive)

NO
Normally Open

NC
Normally Closed