EN–US
Language

Luxon Bridge

p/n 9986294

Installation guide

1. Before you start, check the package contents

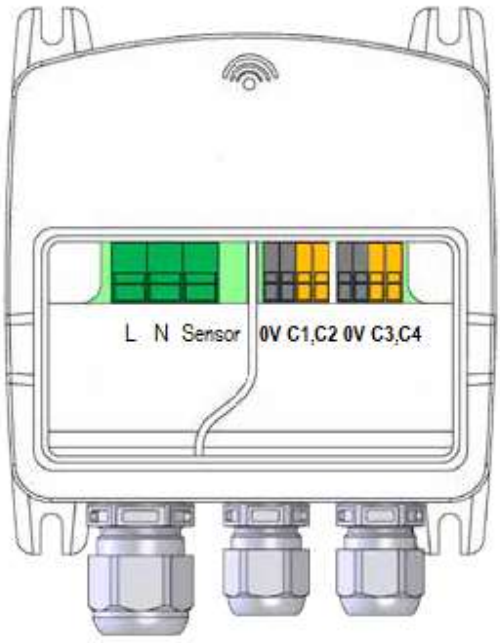
- Luxon Bridge
- DIN-rail clips (2x)
- Blind plug for cable gland (2x)
- Installation guide

> Installation of electrical components must be completed by a certified electrician as per local codes and regulations.

2. Mounting

1. Mount the Luxon Bridge to a wall or other flat mounting surface using pan-head screws, max 4.5mm diameter.

2. Alternatively, in case of DIN-rail mounting, click the DIN-rail clips into the rear of the Luxon Bridge.



3. Wiring

> Connect the Luxon Bridge to mains power.
> (100-347Vac 50/60Hz)
> Make sure the mains power source is not powered during installation.
> Connect the required sensor or switch to an I/O port.

nedap

1. Open the wiring compartment after loosening the two screws on the front.
2. Enter the mains cable through the left wire gland.
3. Connect L and N wire to corresponding terminals, no earth connection required.
4. If applicable, connect the switched mains line to the Sensor input.
5. Enter the sensor and/or switch cable using the smaller two cable glands.
6. Connect the wires to the correct I/O terminals, see section 5 for details.
7. Mount the wiring compartment cover.
8. Unused cable glands can be closed using a blind plug.

4. Quick test

Testing power supply and testing correct operation of connected sensor and/or switch.

1. Switch on the mains power
2. The green led (mounted internally) must light up
3. Trigger the sensor, the green led must flash three times
4. Operate the switch, the green led must flash three times.
5. If applicable, operate the mains switch, the green led must flash three times.

5. Compatible sensors and switches

Overview of compatible sensors and switches and their connections
For possible sensors see Luxon Portal: https://portal.nedap-luxon.com.

Connection →	Signal wire	24V Supply wire	0V wire
Device ↓			
Nedap motion sensor	C1	---	0V
Commercial 24V motion sensor	C1	C2	0V
Light sensor	C1	C2	0V
Switch, low voltage	C1	C2	0V
Switch, mains voltage	Sensor (ac sensor input, reference to mains N, max. 347Vac)	--	--

In case a second low voltage sensor or switch shall be connected, use C3 and C4 terminals.
Report which sensor is connected to which I/O port, this information is required during commissioning.

6. FCC and ISED declarations

Compliance statement (part 15.19)
This device complies with part 15 of the FCC Rules and to RSS of ISED.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Déclaration Conformité
Cet appareil se conforme aux normes RSS exemptés de license du ISED.
L'opération est soumis aux deux conditions suivantes
(1) cet appareil ne doit causer aucune interférence, et
(2) cet appareil doit accepter n'importe quelle interférence, y inclus interférence qui peut causer une opération non pas voulu de cet appareil.

Warning (part 15.21)
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure (OET Bulletin 65)
To comply with FCC RF exposure requirements for mobile transmitting devices, this transmitter should only be used or installed at locations where there is at least 20cm separation distance between the antenna and all persons.