16AX switches 1way/2way with LED
10A press switches with LED
Hager Dream

Safety instructions

Electrical equipment must only be installed and assembled by a qualified electrician in accordance with the relevant installation standards, regulations, directives and safety and accident prevention directives of the country.

Failure to comply with these installation instructions may result in damage to the device, fire or other hazards.

Function

Mechanical light switches and press switches for electrical installations in buildings. Every switch is equipped with LED on the bottom side, one LED for each rocker. Thus the devices are easy to locate.

Special press switches with 12V LED can be applied with room control units (RCU). They are used as guest room control switches with status LED.

Correct use

- For the flush-mounted installation in standard wall boxes
  (recommended wall box depth ≥ 35 mm).
- Only suitable for use in indoor areas with no drip and no spray water.

Technical data

Rated voltage:	250 V~
Frequency:	50/60 Hz
Conductor cross-section of screw terminals:	max. 3 x 1.5 mm²
Distance of fixing holes:	60.3 mm
LED colour	warm white
Switch compliance:	BS EN 60669-1, IEC 60669-1
16AX switches 1way/2way with LED	
Rated current:	max. 16 AX
10A press switches with LED	
Rated current:	max. 10 A
LED rated voltage:	250 V~
10A press switches with 12V LED	
Rated current:	max. 10 A
LED rated voltage:	12 V DC

:hager

Information for electricians
Installation and electrical connection

> ⚠️ **DANGER!**
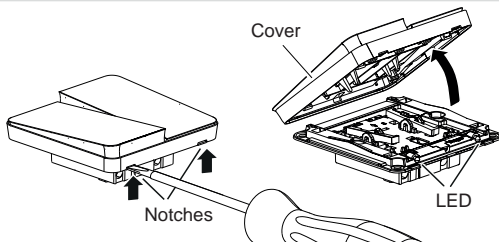> **Touching live parts can result in an electric shock.**
> **An electric shock can lead to death.**
> **Disconnect the connecting cables before working on the device and cover all live parts in the area!**

Preparing the device for installation

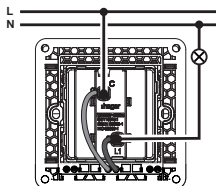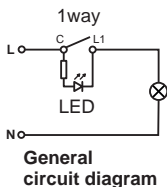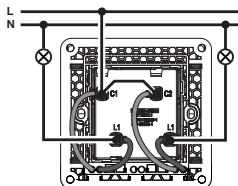(for example "16AX 2gang 1way switch with LED")

- Carefully loosen the cover on the notches with a flat-blade screwdriver (**1**).
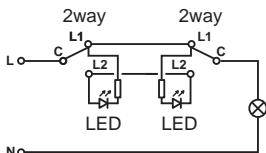- Remove the cover.

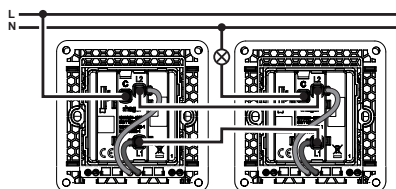## Connecting the device

2A   **1way switch / press switch with LED**

General circuit diagram

1gang 1way switch / 1gang press switch

2gang 1way switch / 2gang press switch

2B — 2way switch with LED

General circuit diagram

L — C — L1 — 2way — L1 — C
L2 — LED — L2 — LED
N — ⊗

1gang 2way switch   **1gang 2way switch**   **2gang 2way switch**

2C — Press switch with 12V LED

Press switch with 12V LED
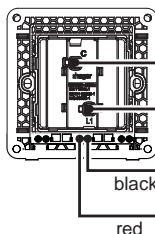
(Example)

RCU
(Room Control Unit)
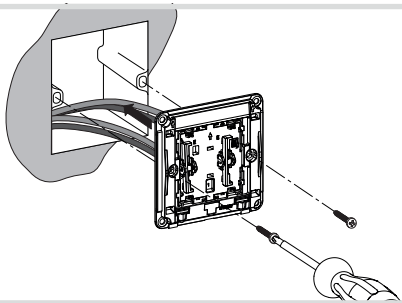
+12 V DC
GND

black — LED (−)
red — LED (+)

12 V DC

⚠ Observe installation manual of the RCU system to be connected!

- Strip connection cables approx. 10 ... 12 mm.
- Wire the switch and LED according to the appropriate wiring diagram (**2A** or **2B** or **2C**).

Installing the device into the wall box

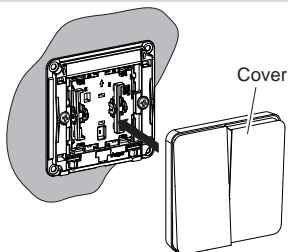(for example "16AX 2gang 1way switch with LED")

3

■ After wiring, fix the device with the two screws attached into the wall box (**3**).

Assembling the cover

(for example "16AX 2gang 1way switch with LED")

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Cover

■ Snap the cover onto the device (**4**).

ℹ 2-5gang frames are available for multiple combinations.