

# Installation manual

## N°1400

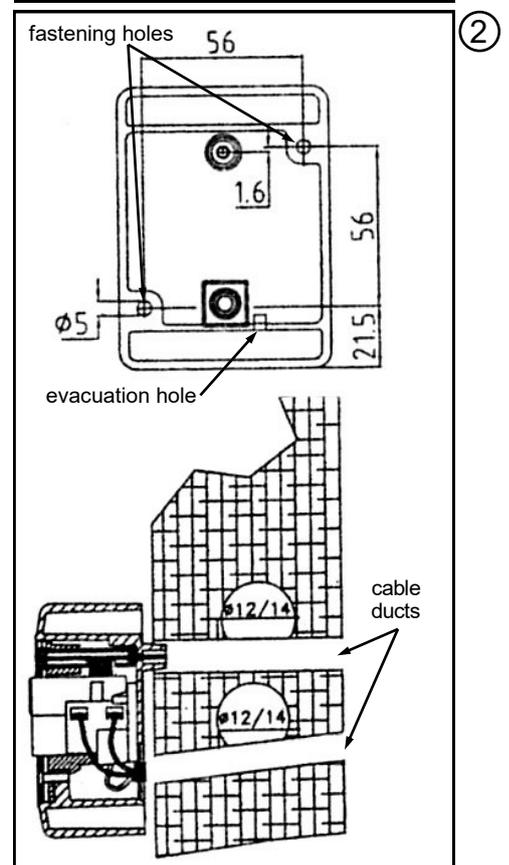
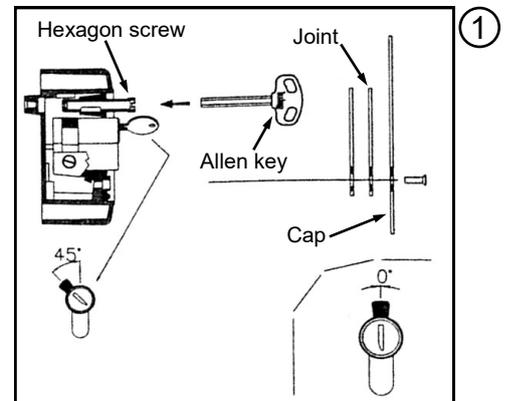
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### Wall-mounted/built-in key switch and release box

#### Attaching the key switch box and cable tensioner

##### Attaching the key switch and release box :

- 1 - Unscrew the front of the box, remove the cap and the watertight seal. ①
- 2 - Turn the key approx. 45° to the right or left and unscrew the approx. 15 mm hexagon screw with the 5 mm Allen key supplied with the box. ①
- 3 - Take off the lid.
- 4 - Remove the support with the micro-switches and drill the 2 housing fastening holes. ②
- 5 - Drill the 2 cable ducts (Ø12-14) and fix the housing to the wall with the water evacuation hole downwards. ②
- 6 - Reassemble the support with the cabled micro-switches in the housing, connect the cable to the earth socket and push the cables neatly into the housing. **(See connection chapter)**
- 7 - Attach the earth cable to the cover and bypass the micro-switches.
- 8 - Reassemble the cover by turning the wrench by 45° to right or left, screw in the hexagon screw with an Allen key, replace the watertight seal and the cover and screw the front of the box back on.  
- Check the mechanical functions of the key switch box. ①



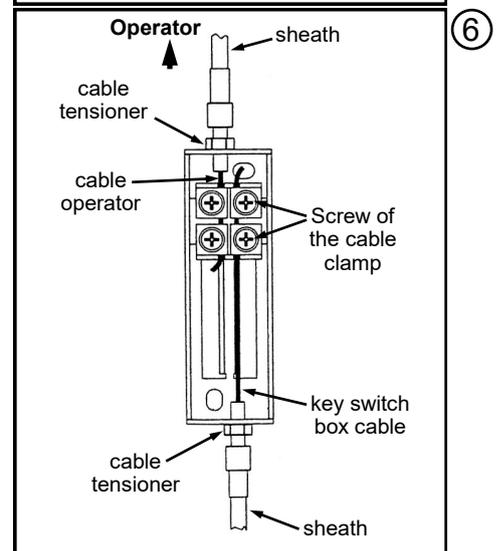
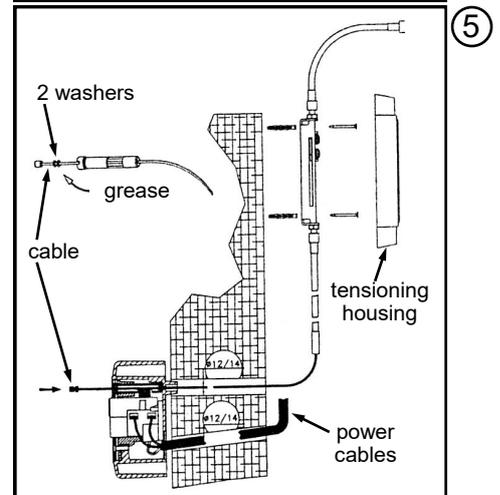
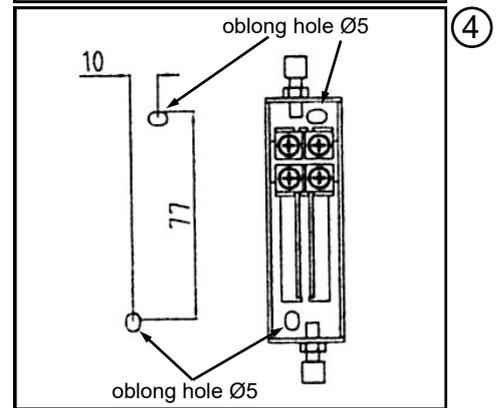
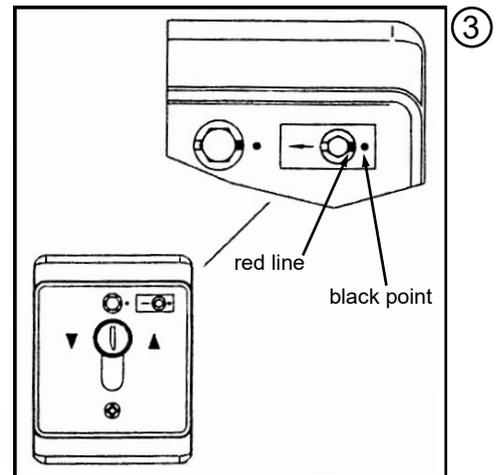
(Document reserved for installers)

**Warning :** To remove the key from the cylinder barrel, align the red line of the hexagon screw facing the black point on the front of the box. ③

**Setting up the cable tensioner :**

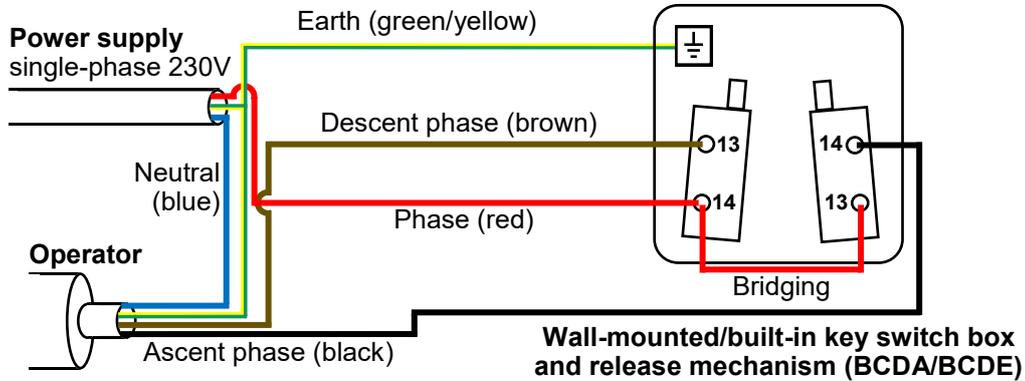
- 1 - Remove the cover of the cable tensioner, drill 2 holes in the wall using the 2 oblong holes Ø5 of the tensioner. ④
- 2 - Run the power cables and fix the tensioner housing to the wall. ⑤
- 3 - Pass the cable through the hexagonal screw of the key contactor already cabled and leave the two washers on the cable. ⑤
- 4 - Connect the electrical cables to the operator. **(See connection chapter)**
- 5 - Insert the cable sheaths into the cable tensioner as far as they will go. ⑥
- 6 - Pass the operator cable and the cable of the key switch box in the sheaths. ⑥
- 7 - Tighten both cables with the screws of the cable clamp. ⑥  
**Warning :** The cable clamp must be at the top of the slide. (operator inlet side)
- 8 - Tighten the cables on the operator and key switch box side using the cable tensioners. ⑥
- 9 - Check the operator release with the Allen key and repeat steps 7 and 8 if necessary.
- 10 - After checking that the release mechanism works correctly, shorten the cables protruding from the cable clamp.
- 11 - Reassemble the cover on the cable tensioner and check the electrical and mechanical functioning of your installation.

**Warning :** You can use all DIN European profile cylinder but the bit of the barrel (cylinder) must obligatorily be in 0° position (or midday seen from the front).



# Connection

## Key switch and release box (BCDA/BCDE)

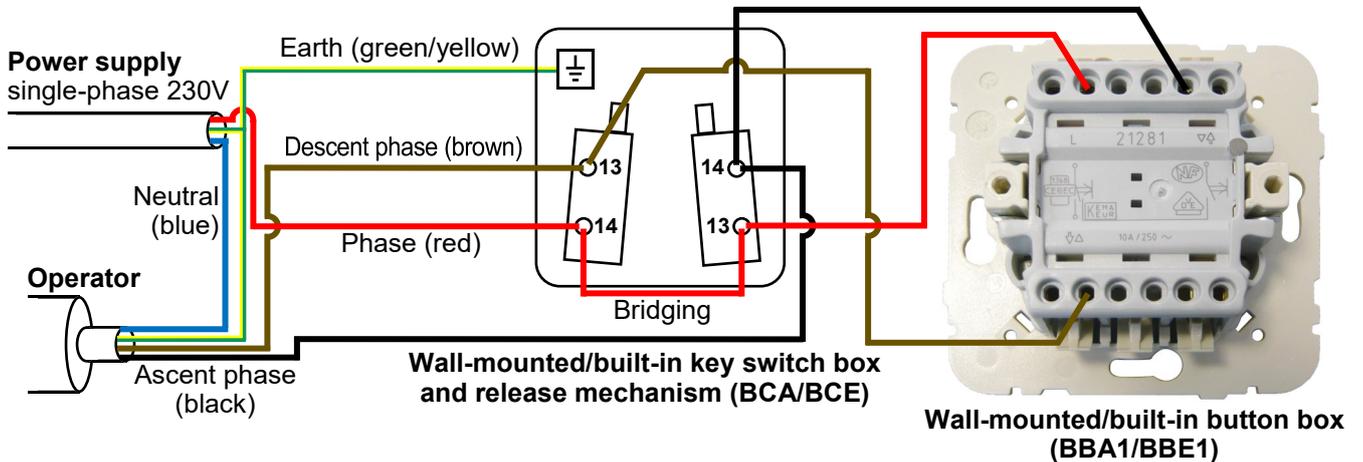


**Please note :** For the installation of the release mechanism cable, refer to the manual supplied with the housing.

**Important :**

- The cable sheath must be free (not pinched or wedged).
- The earth wire must be connected to the metal body of the key switch box using a clamp screw.
- Ensure the box is well sealed in relation to the wall support using a flexible sealant.

## Key switch and release box (BCDA/BCDE) with button box (BBA1/BBE1)



**Please note :** For the installation of the release mechanism cable, refer to the manual supplied with the housing.

**Important :**

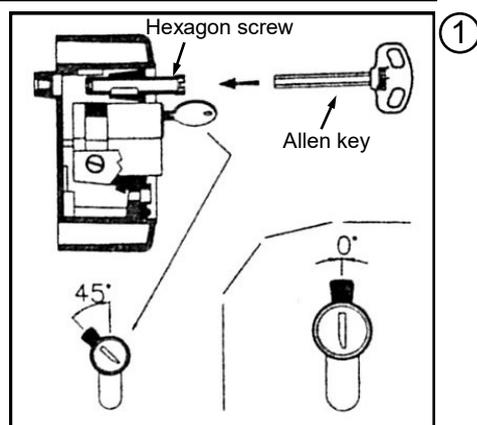
- The cable sheath must be free (not pinched or wedged).
- The earth wire must be connected to the metal body of the key switch box using a clamp screw.
- Ensure the box is well sealed in relation to the wall support using a flexible sealant.



## Emergency operation

1 - Insert the key into the box and turn it by approximately 45° right or left. ①

2 - Unscrew the approx. 15 mm hexagon screw with the 5 mm Allen key supplied with the box. ①



Instructions for use of shutters equipped  
with an anti-fall guard  
" LA TOULOUSAIN "

3 - Raise or lower the shutter smoothly and slowly to avoid activating the anti-fall guard. ②

- If the anti-fall guard is activated during descent :

- Raise the shutter 10 cm (the anti-fall guard unlocks).
- Then lower the shutter again smoothly and slowly.

4 - After repair, tighten the hexagon screw completely with the 5 mm Allen key to engage the operator and return to motorized operation. ① ③

5 - To remove the key from the cylinder, align the red line of the hexagonal screw with the black dot on the front of the box. ④

