

RWA button
FT4 K 24 V DC

GB Wiring diagram

136257-01

GEZE

Symbols and illustrations

Important information and technical notes are emphasised in order to illustrate the correct operation.

| Symbol | Meaning |
|--------|---|
| | means "important note"; information on avoiding material damage, understanding a concept or optimising working processes |
| | means "additional information" |
| | Symbol for an action: Here you have to do something. ▶ Observe the sequence if there are several action steps. |

Safety instructions

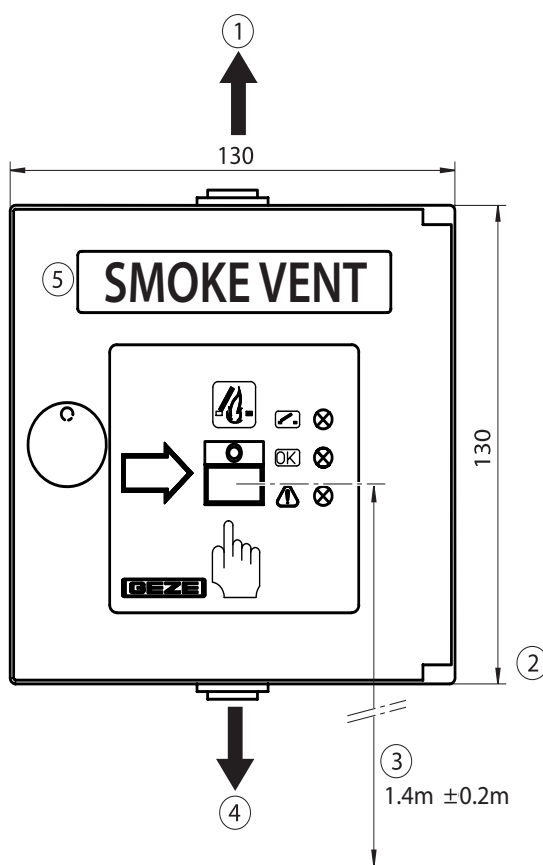
- The RWA button may only be used in combination with GEZE emergency power control units E 260 N (VdS), MBZ 300, THZ and THZ Comfort.
- Connection is made in accordance with the wiring diagram for the emergency power control unit.
- Laying and connection of cables may only be carried out by an approved electrician.
- ▶ Observe any conditions prescribed by the local fire brigade.
- ▶ Apply the sticker with details of the RWA button number onto the inside of the RWA button on site.
- ▶ Protect the RWA button from building dirt.
- ▶ Attach the wiring diagram in the RWA button.

Brief description

- The RWA button FT4 K-24V DC is used for manual triggering in the event of a hazard (fire).
- Surface-mounted housing
- Switching power max. 100 mA at 24 V DC.
- Glass pane replaceable.
- Colours available:
 - orange (similar to RAL 2011)
 - red (similar to RAL 3000)
 - blue (similar to RAL 5009)
 - grey (similar to RAL 7035)
 - yellow (similar to RAL 1018)

Installation

- ! The RWA button must be installed in a clearly visible position in the stairwell or corridor and must not be concealed by an open door leaf.



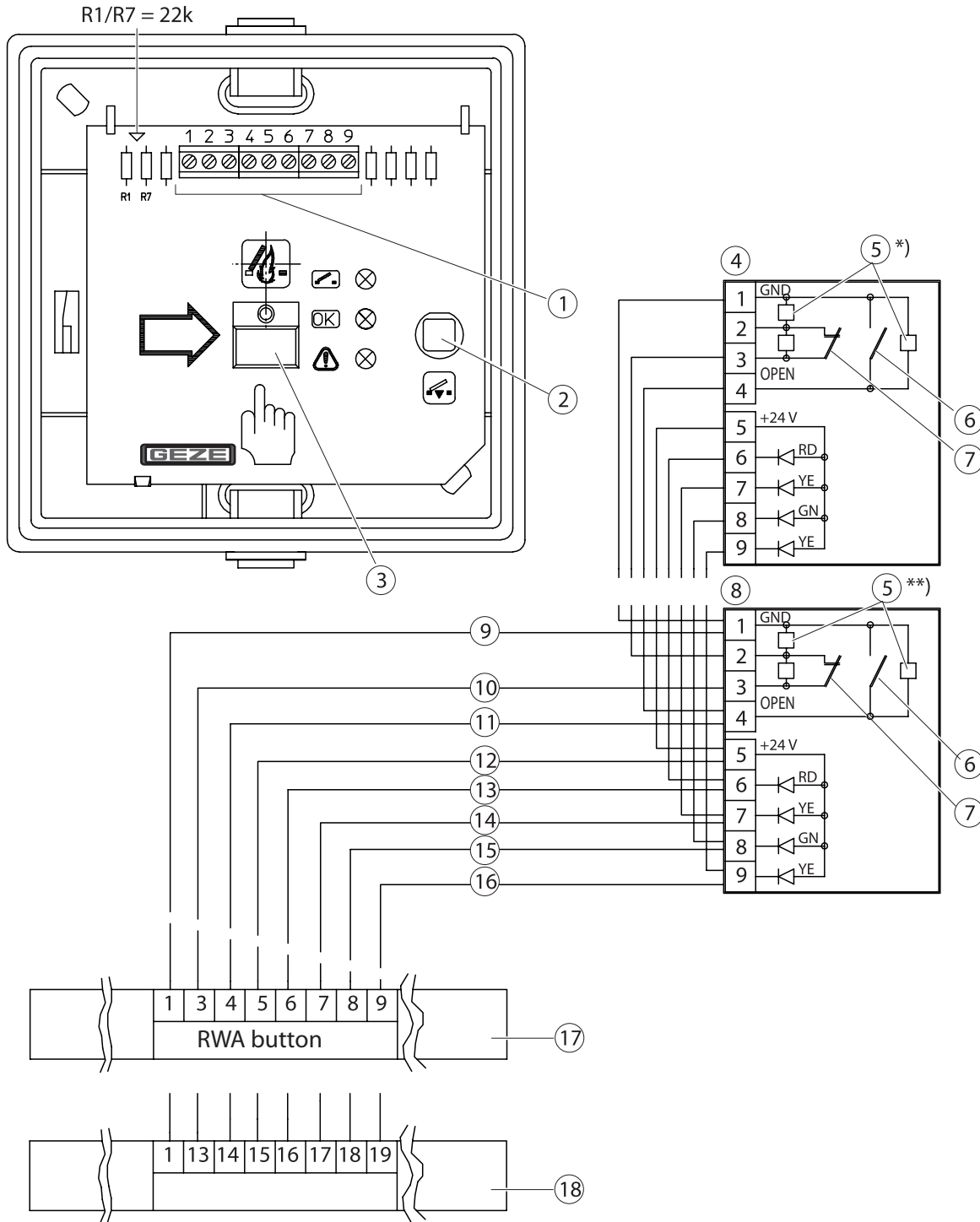
- 1 To the emergency power control unit or branch box
4 × 2 × 0.8 with screening
- 2 Depth 32 mm
- 3 Distance RWA button – floor
- 4 To the branch box of the next RWA button FT4 K-24 V
DC 4 × 2 × 0.8 with shield
- 5 Sticker "Smoke vent"

Initial operation

- ▶ Connect the RWA button according to the wiring diagrams for the emergency power control unit used.
- ▶ Test function.
- ▶ Apply the "Smoke vent" sticker in the required language.
- ▶ After the successful function test, open the door of the RWA button and remove the card cover from behind the glass pane.

Connection and inner circuit

i ▶ The illustration shows the RWA button with the door opened.



- | | | | |
|------|--|----|--|
| 1 | Supply terminals | 9 | Alarm |
| 2 | CLOSE/reset switch | 10 | CLOSE |
| 3 | Fire switch/OPEN switch | 11 | +24 V |
| 4 | Last RWA button | 12 | LED Fire alarm |
| 5 | Termination resistors R1/R7 | 13 | LED Window OPEN |
| *) | leave in last RWA button in series | 14 | LED Operation OK |
| ***) | remove termination resistors in all series predecessors | 15 | LED Fault |
| 6 | CLOSE button | 16 | Terminal strip in the emergency power control unit E 260 N../.24V DC |
| 7 | Fire switch/OPEN switch | 17 | Terminal strip in the emergency power control unit MBZ 300, THZ, THZ Comfort |
| 8 | 1 st RWA button | | |

Operation

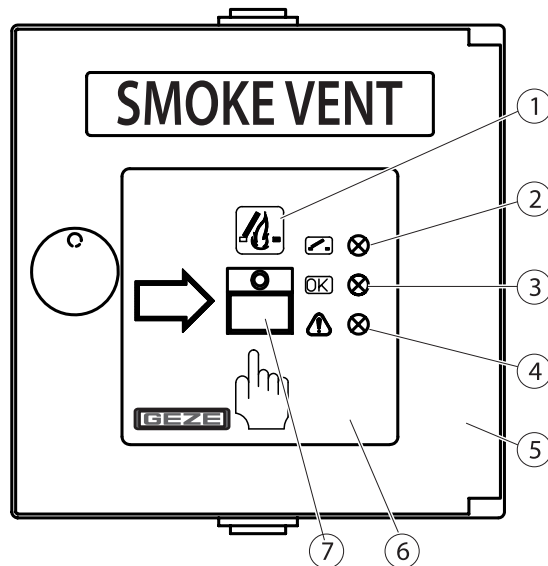
! The RWA button must be installed in a clearly visible position in the stairwell or corridor and must not be concealed by an open door leaf.

In case of fire

► Break the pane (6) and press the fire switch (7).

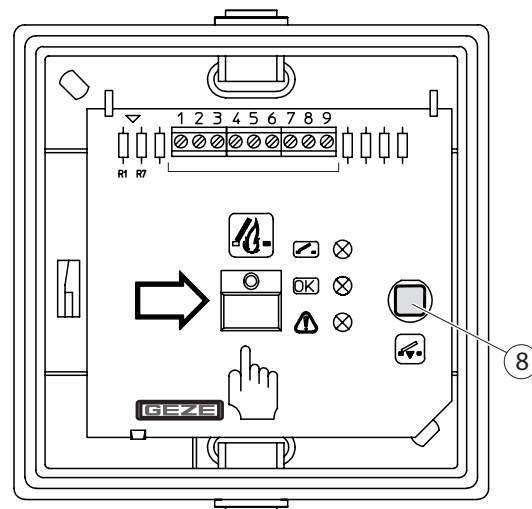
Displays during operation

| Pos. | Description | Illuminated display | Meaning |
|------|--------------|-------------------------------|---|
| 1 | Fire alarm | red | After actuation of the alarm key or the automatic detector of the assigned emergency power control unit |
| 2 | Window OPEN | lit yellow flashing yellow | Window is open or not closed Motor opens or closes |
| 3 | Operation OK | green | Mains and battery connection are OK, there are no faults |
| 4 | Fault | yellow | Fault established at the emergency power control unit e.g. cable break, battery defective, collective fault message |



Close window after the RWA button, the smoke/heat detector or the fire alarm has been triggered:

- Open the door (5) of the RWA button.
- Press CLOSE/reset key (8).
- Close the door (5) of the RWA button again



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