



Paul Löbe Haus, Berlin

## GEZE TZ 210 (N), TE 210 Set

GEZE SecuLogic Emergency Exit Systems

## Single door control unit GEZE TZ 210 (N)

If it concerns the safety of an escape door to small costs and with a minimum requirements, the TZ 210 (N) is the right choice. It has all necessary capability characteristics around an individual self-sufficient escape door with appropriate locking devices to supervise.

Compact control electronics as well as local control elements and the power-pack can be installed into standard flush-mounted technology without any problems

– set off controls and power-packs belong to the past.

Three LED`s announce the current state of system, position of door leaf as well as lining up alarms.

The TZ 210 (N) more-over provides input for the danger alarm system e.g. fire alarm system, an access control system and a timer. External alarm indicators such as flashing light or siren can be connected via a potential-free contact.

The attitude of the door parameters such as f.ex. duration for short-time release, early warning, alarm etc. is done by the integrated key operated switch, without the need at further aids.

Surface-mounted (AP) and flush-mounted (UP) versions of the single door control unit TZ 210 (N) are available.

Both versions are available with (TZ 210 N) resp. without (TZ 210) integrated power-pack.



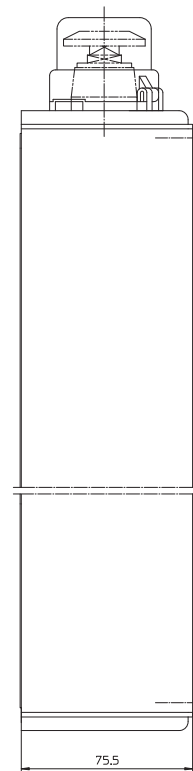
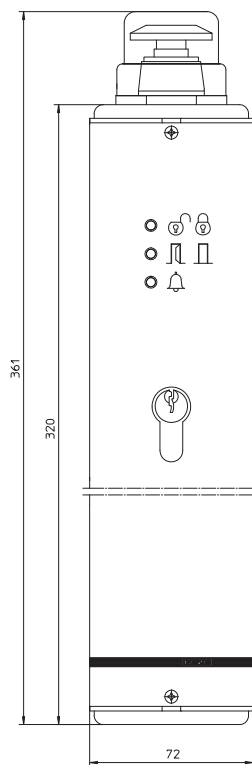
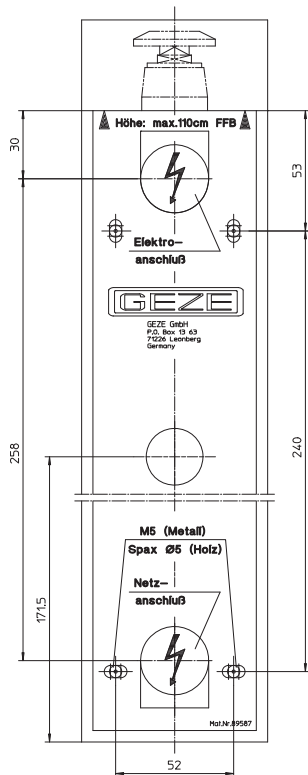
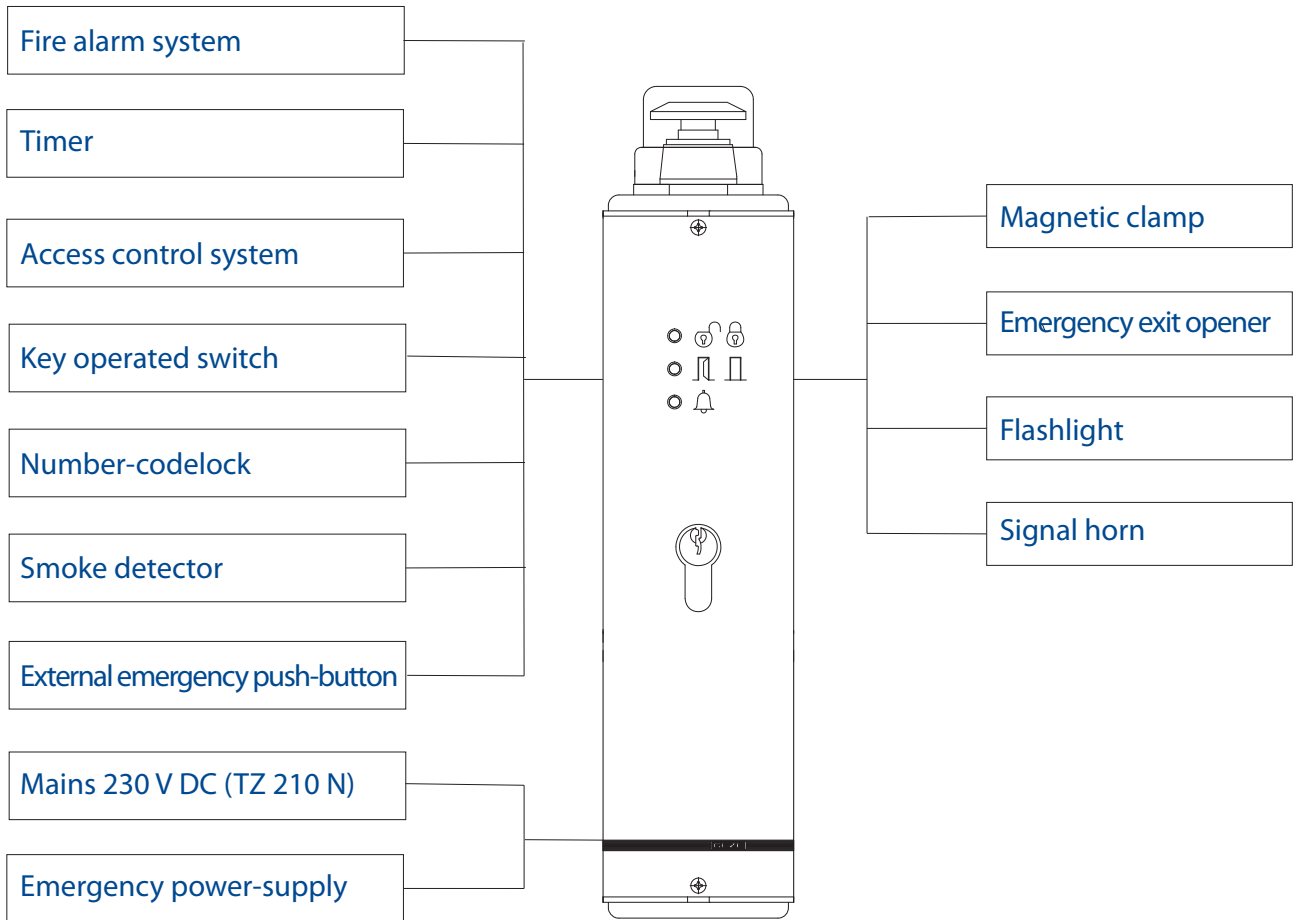
TZ 210 (N) flush-mounted, Gira E 2 pure white



TZ 210 (N) surface-mounted, stainless steel



TZ 210 (N) surface-mounted, green (RAL 6032)



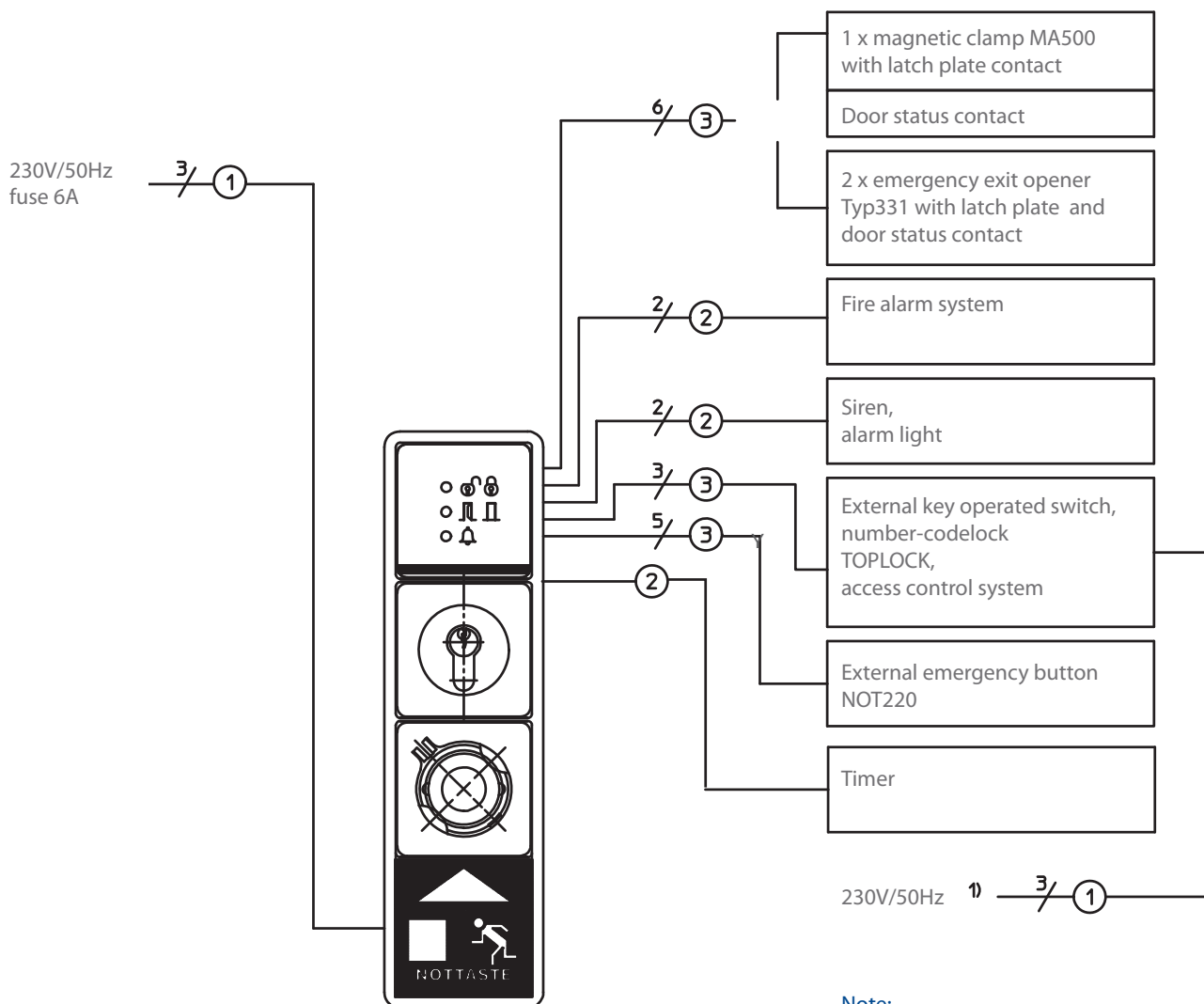


Fig. 04-1 · Cable diagram ((Drawing No. 35201-9-0952)

**Note:**

1) only with variants with separate evaluation unit (CTS, CTS V, CTS B, CTS BV)

All lines in accordance with VDE 0815

- ① NYM-J 3x1,5mm<sup>2</sup>
- ② J-Y (ST) Y 2x2x0,8
- ③ J-Y (ST) Y 4x2x0,8

**Mounting information:**

- ▶ Mounting height of emergency push-button: 850 mm -1200 mm
- ▶ Install door control unit and door terminal in direct proximity of the door
- ▶ Install the emergency push-button always together with the escape route sign. The arrow points to the emergency push-button.
- ▶ Passage height under the magnetic clamp greater than 2000 mm
- ▶ Attach manufacturer-certified components only
- ▶ Mains connection only by electrical specialist
- ▶ Shift lines sabotage-secured according to VDE0833, Surface-mounted lines in metal tube or in plastic troughing with metal spiral protecting cover

Technical data	
3 LED displays for the door conditions	<ul style="list-style-type: none"> <li>▶ locked, unlocked</li> <li>▶ door leaf open, closed</li> <li>▶ alarm, early warning</li> </ul>
Integrated, lit up emergency push-button	
Integrated key operated switch for	<ul style="list-style-type: none"> <li>▶ unlocking, short-time unblocking</li> <li>▶ locking</li> <li>▶ reset alarm</li> <li>▶ setting of short-term release, early warning and acoustic alarm duration, buzzer on/off, run-after on/off</li> </ul>
Integrated, differentiated acoustic alarm to announce early warning or using of the emergency push-button	
Integrated security function against sabotage	
Automatic abort of short-time unblocking with closing the door	
Hunting time of the short-time unblocking selectable	
Automatic storage and activation of the operating conditions before and after power failure	
TZ 210 N with integrated power-pack	

### Connections

- ▶ Input for emergency unlocking via a fire alarm system or similar devices
- ▶ Input for access control system and timer
- ▶ Potential-free output (changeover device) for optical/acoustical announcement or display of common alarm (except early warning)
- ▶ Connecting possibilities for locking devices
- ▶ Enclosure rating IP 30
- ▶ Mains voltage 230 V AV, 50 Hz with TZ 210 N
- ▶ Operating voltage 24 V DC
- ▶ Power input 100 mA
- ▶ Current consumption
  - with TZ 210 N flush-mounted (UP) 400 mA,
  - with TZ 210 N surface-mounted (AP) 700 mA

### Dimensions

- ▶ Surface-mounted (AP) (HxWxD) 361 x 72 x 75,5 mm
- ▶ Flush-mounted (UP) (HxWxD) 295 x 81 mm for mounting of 4 pcs concealed casing with depth 62,5 mm

# GEZE TE 210 Set

The TE 210 Set completes the door control unit TZ 210 and makes it an easy to fit multi-door system with attractive optical appearance, modern bus technology and a remarkable price-performance ratio.

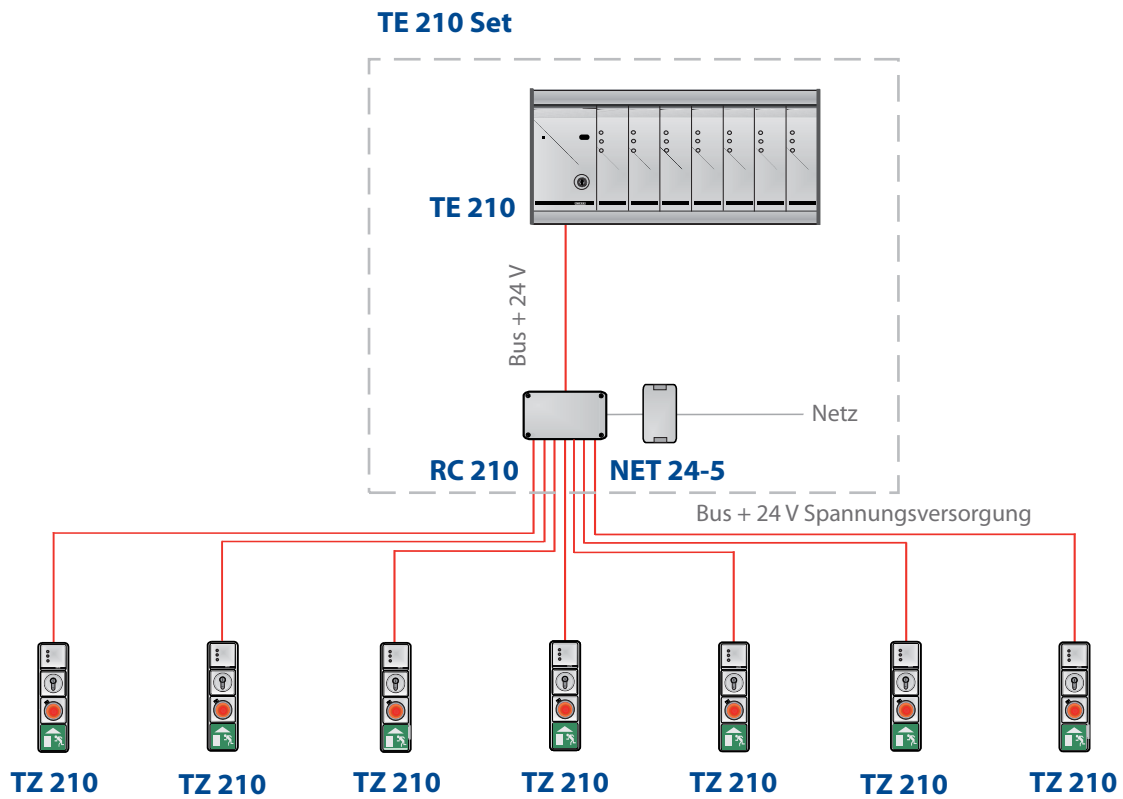
This combination offers the possibility to secure and control a total of 7 escape doors from a central board. A central network supplies the components with voltage and supersedes separate mains cables for door control unit and control panels.

The attractive control panel allows the operation of the functions locking, unlocking and short-term unlocking. 3 LED's display the door modes "locked/unlocked", "door open/closed" as well as alarm.

The signal transfer between the control panel and the door control unit is based on modern two-wire bus technology and thus reduces the expenditure for wiring and electric connection to a minimum.

Commissioning of the bus system is made at the bus distributor RC 210 via plug & play without the necessity of setting addresses and without any further auxiliaries or programming devices.

The scope of delivery of the TE 210 Set includes the control panel TE 210, the bus distributor RC 210 and the power pack NET 24-5.



## GEZE TE 210 Set – System components

Control panel TE 210



Tableaueinheit TE 210



- ▶ Flat, attractive design
- ▶ Removable/extendible up to 7 doors
- ▶ LED display for "door locked/unlocked", "door open/closed" alarm
- ▶ Operation of locking/unlocking/short-term unlocking per door
- ▶ Locking of the control panel via key-operated switch
- ▶ Potential-free alarm output for collective alarm of all doors
- ▶ Type of enclosure IP 20
- ▶ Dimensions HxWxD: 160 x 319 x 22 mm

Bus distributor RC 210



Power pack NET 24-5



- ▶ Connections for 7 door control units TZ 210, 1 control panel TE 210 and central voltage supply
- ▶ Operating voltage 24 V DC
- ▶ Type of enclosure IP 54
- ▶ Dimensions (HxWxD): 135 x 170 x 90 mm

- ▶ Suited for fitting to top-hat rail
- ▶ Input voltage 230 V AC
- ▶ Output voltage 26 V DC
- ▶ Output current 5 A
- ▶ Type of enclosure IP 20
- ▶ Dimensions (HxWxD): 125,5 x 65,5 x 100 mm

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