GEZE SecuLogic ACCESS CONTROL SYSTEMS
SOLUTIONS FOR EVERY SECURITY CONCEPT

GEZE

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Solutions for every security concept

As compact, web-based „all-in-one" system solutions with all the components relating to doors, the GEZE SecuLogic access control systems satisfy the demands of modern identification systems. The minimal dimensions of the access control units and the optimum integration of the ID readers into the building installations leave plenty of room for design freedom with regard to the doors. Whether with a biometric fingerprint recognition or a card-based system - GEZE SecuLogic access control systems can be used for single doors as well as for networked door systems.

Company security
GEZE SecuLogic access control systems are very powerful and versatile: They guide visitors and staff according to spatial and time-controlled access authorisations which can be set quickly and individually for every single door.

Security at home
Their simple operation means that GEZE access control systems can also easily be used in your own four walls. Access control at the front door, door bell signals, sabotage monitoring or electric strikes make private buildings safer and protect privacy.

GEZE SecuLogic access control systems are adapted step-by-step to the size and the demands of the security concept. The following systems are available:

Basic-Line:
Simple and reliable
The GEZE Basic-Line stand-alone systems are ideal for the private sector or as keyless actuation devices for GEZE automatic drives. Basic-Line access systems are easy to install and operate. They contain all the components required for access control for one door and do not require connection to a computer. Number code, key rings or fingerprints are taught directly at the reader. This way, all users are assigned their own authorisation access. In addition, there is a wide-range reader solution which makes barrier-free access possible in connection with GEZE automatic drives.

Individual-Line:
Tailored exactly to the building
GEZE Individual-Line extends the scope of services by numerous cutting-edge functions and can be configured to satisfy individual requirements. The solution is integrated completely and „invisibly" into an existing system.

Product features	GEZE Basic-Line	GEZE Individual-Line
Number of persons (max.)	100 pc.	3000 pc.
Number of persons (recommended)	20 pc.	1000 pc.
Access via network	-	●
Integrated database for authorisation profiles	-	●
Event memory	-	●
Web server including multilingual access control application	-	●
Connection via browser	-	●
Master card system for programming the authorisations	●	-
Calendar function	-	●
Periodic calendar entries	-	●
Threat functions	-	●
Office mode	-	●
Door open/door locked profiles	-	●
Temporal re-lock anti-passback	-	●
Door monitoring	-	●
Report generator	-	●
HTTPS encrypted data transmissions	-	●

● = YES

GEZE Basic-Line access control system

Stand-alone system for independent doors

GEZE Basic-Line systems are access control systems for stand-alone operation. Depending on the requirements, they are operated by means of a number code, card or key ring or using biometric fingerprints. The system can even be operated through your own car key. In addition, there is a wide-range reader solution which makes barrier-free access possible in connection with GEZE automatic drives.
Operation of all Basic-Line systems is extremely simple. PIN codes, cards, key rings, fingers or car keys are taught to the system directly at the reader. All these systems can be operated in a very simple way with a keypad or using a master key system.
Basic-Line is the ideal system for doors which are not to be networked and are used by a maximum of 20 people (100 for biometric ID). Where a larger number of users is involved, a network solution is recommended; this can be implemented using GEZE Comfort-Line or Individual-Line. The access control systems of the Basic-Line are essential wherever keyless passage of doors and gates is required. The products can thus be integrated perfectly in the GEZE system world by being combined with numerous other products such as automatic swing door drives, automatic sliding door drives, emergency exit protection, electric strikes, electric self-locking locks etc.. They replace the key push buttons which are otherwise usually used in such applications and enhance system convenience. Forgotten or lost keys are thus a thing of the past, and the expensive replacement of the lock cylinder or closing system can be avoided.

The following 4 stand-alone systems of the Basic-Line are available:

GEZE Number code locks Toplocks CTI, CTI B, CTS V, CTS BV

GEZE RFID reader GCER 100

GEZE Wide-range reader GCLR-I 2000 / GCLR-O 2000

STAND-ALONE SYSTEMS

GEZE number codelocks Toplocks CTI, CTI B, CTS V, CTS BV

Number codelocks with cast casing and metal keypads for protection against vandalism

The TOPLOCK number codelocks are a simple access control option which require neither keys nor passes. Doors can only be opened when the correct number code has been entered, making „lockout" practically impossible.

The CTI versions are particularly suitable for internal applications, since the actuating relay is fitted directly to the reader. Installation and connection are made much easier since no control unit is required. The CTS versions are ideal for external applications, since the external control unit makes them manipulation-proof and they also have a sturdy metal keypad. A master code is used to enter up to 5 code numbers, each a maximum of 6 digits, via the keypad. Once the data has been entered, it will remain stored even in the case of a power failure.

Toplock CTI

Toplock CTI B with lighting

Toplock CTS V with metal keypad

Toplock CTS BV with lighting

	Toplock CTI	Toplock CTI B with lighting	Toplock CTS V with metal keypad	Toplock CTS BV with lighting
Operating voltage	12/24 V DC / 12 V AC	12/24 V DC / 12 V AC	230 V AC	230 V AC
Output	potential-free closing contact 24 V DC 1 A	potential-free closing contact 24 V DC 1 A	potential-free relay output 250 V 5 A	potential-free relay output 250 V 5 A
IP rating	IP 65	IP 65	IP 65 (keypad), IP 43 (evaluation unit)	IP 65 (keypad), IP 43 (evaluation unit)
Dimensions	80 x 80 x 15 mm	60 x 126 x 22.5 mm	80 x 80 x 15 mm or 110 x 188 x 40 mm	60 x 126 x 22.5 mm or 110 x 188 x 40 mm

Order information

| Description	ID no.
Toplock CTI B, number codelock illuminated Integrated evaluation unit	090063
Toplock CTI, number codelock Integrated evaluation unit	090061
Toplock CTS BV, number codelock illuminated with external evaluation unit, metal keyboard for increased protection against vandalism	090079
Toplock CTS V, number codelock with external evaluation unit, metal keyboard for enhanced protection against vandalism	090077

GEZE RFID reader GCER 100

All-purpose access control at a top price/performance ratio. Solution with RFID technology in stand-alone operation to control one door. In addition to the conventional pass types such as cards or key rings, the system can also be taught to accept car keys as ID passes.

Thanks to the frequency range of 120 - 140 kHz, the system can also be taught to accept existing ID passes providing these are within the same frequency range (EM4102 / HID Prox / Hitag 1..). The management of means of identification, e.g. creation / deletion, is carried out very easily using a master card. Manipulation is excluded by encrypting communication between the reader and the control unit and will not lead to the door opening. Installation in or on metal surfaces is possible.

GEZE GCER 100
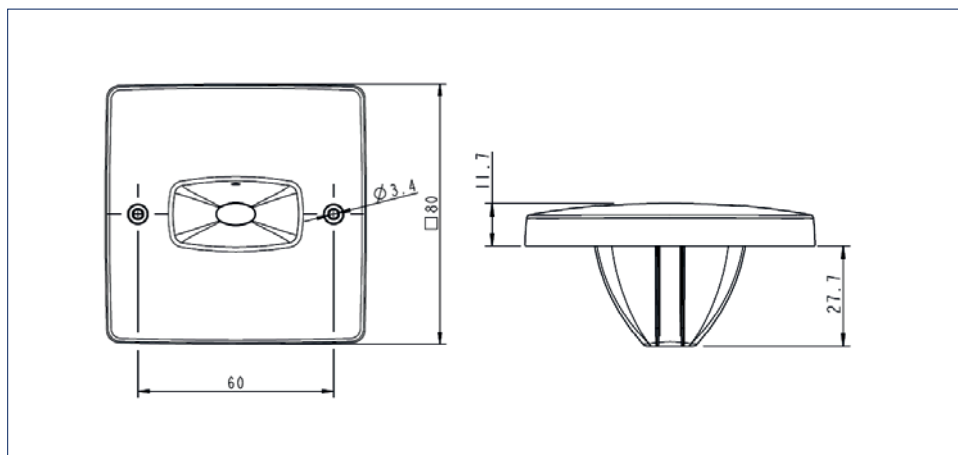
Technical data

	Controller	Reader
Voltage	8 - 12 V AC	-
Current consumption:	max. 150 mA	-
Temperature range	-20 °C to + 50 °C	-30 °C to + 70 °C
IP rating	IP 20	IP 66
Area of application	Internal installation	External/internal installation
Dimensions (W x H x D)	45 x 45 x 17.5 mm (55 x 45 x 17.5 mm with mounting plates)	80 x 80 x 39.4 mm

Order information

Description	Version	ID no.
GCER 100, RFID READER Access control solution with RFID reader in stand-alone operation	silver	160144
	white	160143
Accessories		
Power supply NT 12-1A - 12 V DC For installation in flush-mounted socket or surface-mounted housing		160148
Surface-mounted housing, plastic dimensions: 88 x 88 x 53 mm (W xH x D)		103662

STAND-ALONE SYSTEMS

GEZE wide-range reader GCLR-I 2000 / GCLR-O 2000

Access control and personal protection system for interior and exterior applications

GEZE wide-range readers offer various application options. By automatically opening doors and gates from a distance, they facilitate the absolutely barrier-free passage of automatic doors on the one hand by opening them without a switch or push button needing to be activated, and on the other allow gates or barriers to be opened early to avoid unnecessary waiting times.

Another potential application is to prevent people in special need of protection from leaving the areas designed especially to protect them. Doors can be locked using the so-called „dementia" function when they are approached, yet remain passable for personnel.

To extend stand-alone operation, the wide-range readers can be integrated into the Individual-Line system, allowing authorisation and pass management to be done conveniently in the user interface of the GCMU 524.

The wide-range reader produces an adjustable, spherically shaped magnetic field with a max. transponder detection range of 3.8 m. Wireless authorisation is also possible via transponders with keys over a range of up to 50 m.
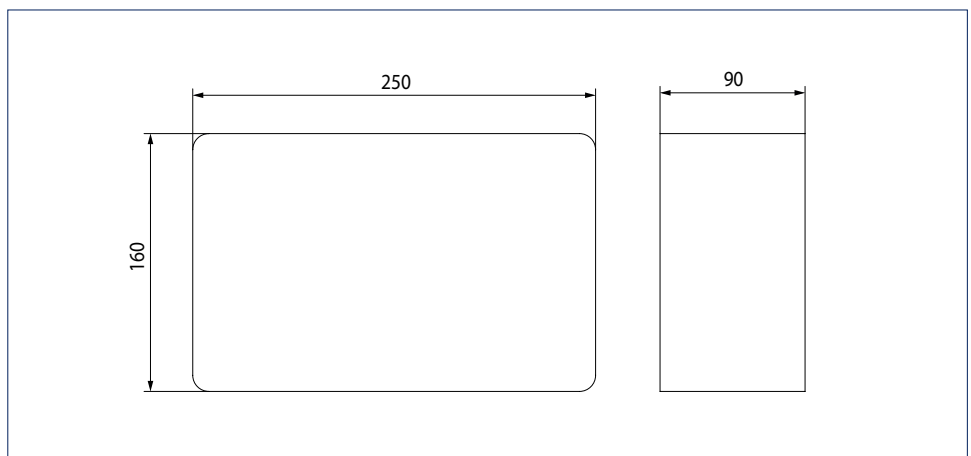
On the left: GCLR-I 2000 for interior applications, on the right: GCLR-O 2000 for exterior applications

**GEZE GCLR-I 2000 /
GCLR-O 2000**
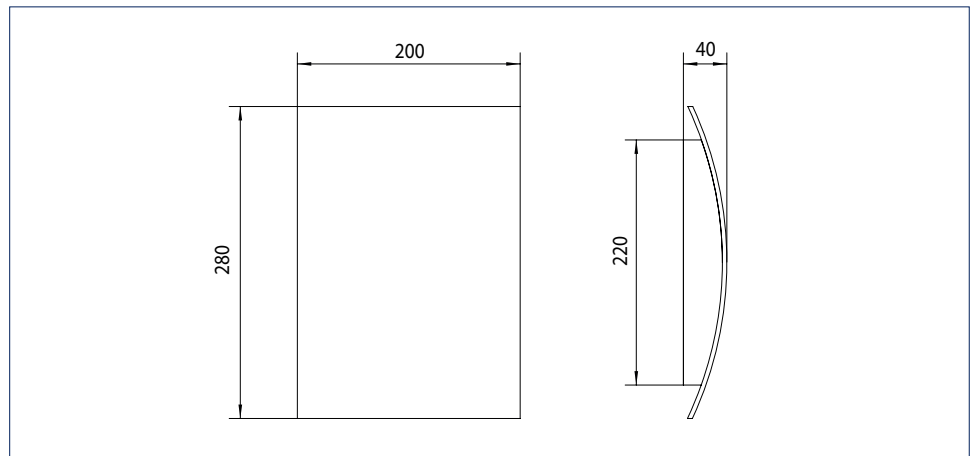
GCLR-I 2000 for interior applications

GCLR-O 2000 for exterior applications

Product features	GEZE GCLR-I 2000 / GCLR-O 2000
Dimensions (W x H x D)	GCLR-I 2000: 200 x 279 x 40 mm, GCLR-O 2000: 160 x 250 x 90 mm
Current consumption	245 mA at 24 V DC, peak 485 mA
Low-frequency magnetic field	125 KHz
Low-frequency range	1.0 - 3.8 m radius (adjustable by potentiometer)
Frequency	868 Mhz
Radio range (max.)	50 m in open environment
Temperature range	-20 - 70 °C
IP rating	Inside: IP 54, outside: IP 67
Interface	RS 485 for networking, RS 232 for configuration

● = YES

Connecting the Master Unit to the computer network

Transponder with two keys GCLR-ID

Transponder as key ring GCLR-ID

Wristband transponder GCLR-ID

GEZE GCLR-I 2000 / GCLR-O 2000 - Order information

Description	Version	ID no.
GEZE GCLR-I 2000, wide-range reader Indoor Wall-mounted reader for installation on the interior in attractive design housing	grey	143105
GEZE GCLR-I 2000, wide-range reader Outdoor Wall-mounted reader for installation on the exterior in attractive design housing	grey	143106
Accessories		
GCLR-LF, field tester For measuring the identification field of the GEZE wide-range readers GCLR-I and GCLR-O		143107
GCLR-ID transponder for wristband Active transponder for identification at the GEZE wide-range readers GCLR-I and GCLR-O (without wristband)		143110
GCLR-ID, transponder with two keys Active transponder for identification at the GEZE wide-range readers GCLR-I and GCLR-O		143108
GCLR-ID, transponder as key ring Active transponder for identification at the GEZE wide-range readers GCLR-I and GCLR-O		143109
Nylon wristband GCLR-ID, black For wristband transponder No. 143110		143111
Leather wristband with safety clasp For wristband transponder No. 143110		163517
Magnetic key for safety clasp		163518

GEZE Individual-Line access control system

**Precisely tailored solution for any building**

GEZE Individual-Line extends the possibilities provided by Comfort-Line by numerous additional functions. The Master Unit GCMU 524 with integrated web server and access control software can be used to manage up to twelve GCDU 200 Door Units and thus up to 24 doors/control points. Cluster mode permits the joint management of up to 255 GCMU 524 and thus up to 240 doors/control points (120 Door Units). Up to 3000 users can be managed using the fingerprint reader GC FP 401. For the convenient teaching of the biometric fingerprints of a large number of users, a central recording unit can be connected to the PC. In alarm situations, a message can be sent by e-mail. Offline fittings such as mechatronic cylinders or digital fitting solutions can be integrated via ACCES on Card and the GCMU 524 to extend the system. The connection of GCLR wide-range readers to the system is also possible. These can be used to activate automatic doors in barrier-free public buildings, for example.

Advantages

- 24 control points possible.
- Extension through cluster mode to up to 240 control points
- Integration of mechatronic cylinders
- Integration of digital fittings
- Encrypted data transfer HTTPS
- Alarms sent by e-mail
- Reporting

System structure
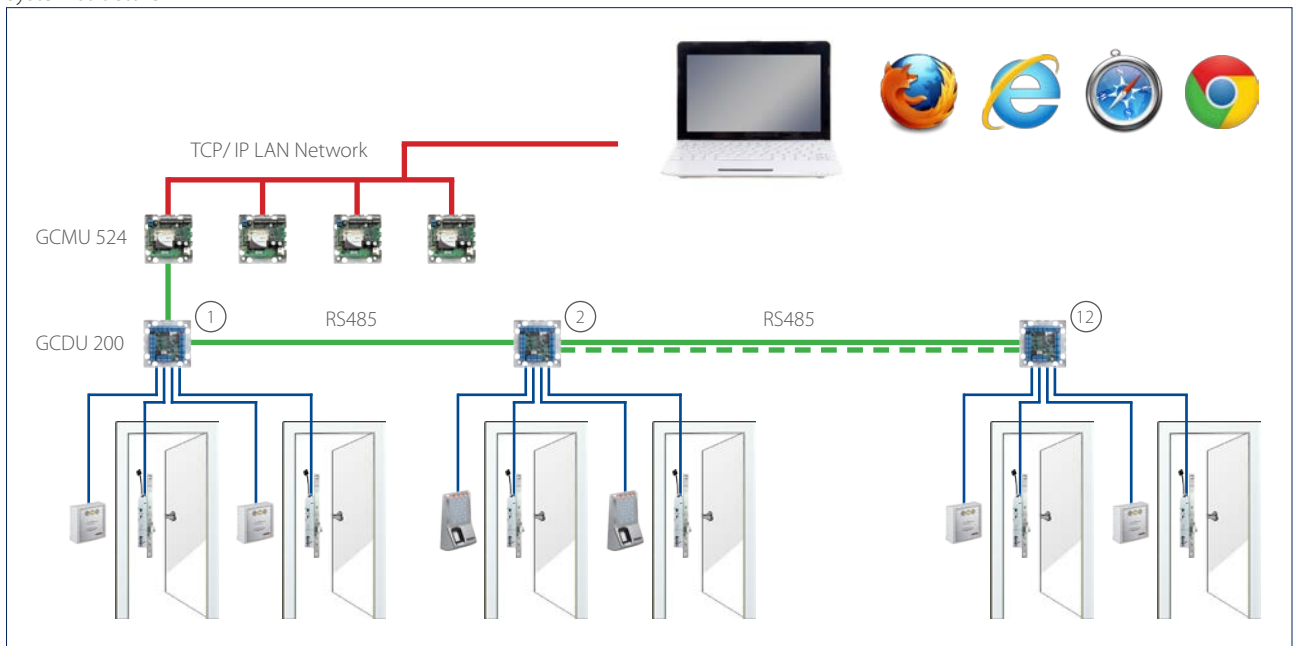
GEZE Master Unit GCMU 524

Access control application for up to 240 doors and 3000 persons

The Master Unit GCMU 524 with integrated web server and access control software can be used to manage up to twelve Door Units GCDU 200 and thus up to 24 doors/control points. Cluster mode permits the joint management of up to 255 GCMU 524 and thus a maximum of 240 doors/control points (120 Door Units). The biometric solution using fingerprint reader GCFP 401 can be used to manage up to 3000 users.For the convenient teaching of the biometric fingerprints of a large number of users, a central recording unit can be connected to the PC. In alarm situations, a message can be sent by e-mail. Offline fittings such as mechatronic cylinders or digital fitting solutions can be integrated via ACCES on Card and the GCMU 524 to extend the system. The connection of GCLR wide-range readers to the system is also possible. These can be used to activate automatic doors in barrier-free public buildings, for example.

GEZE GCMU 524
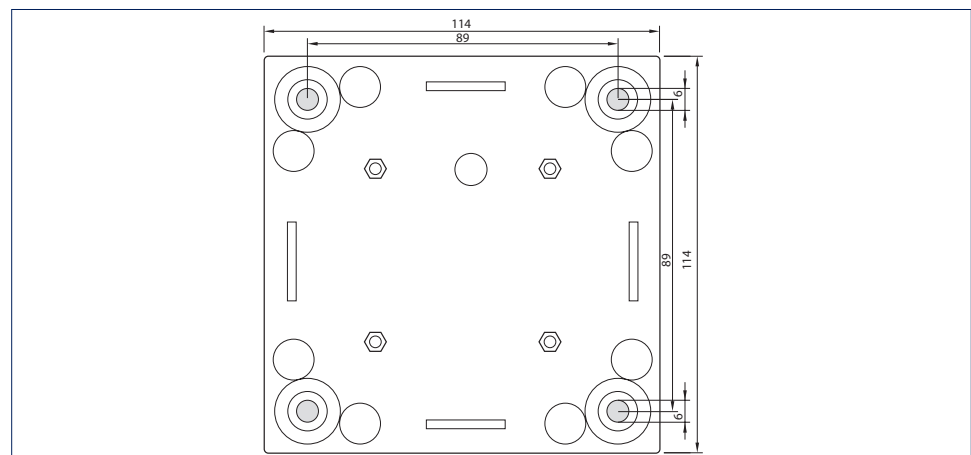
Area of application

- Networked systems with increased safety requirements

CONTROL UNITS

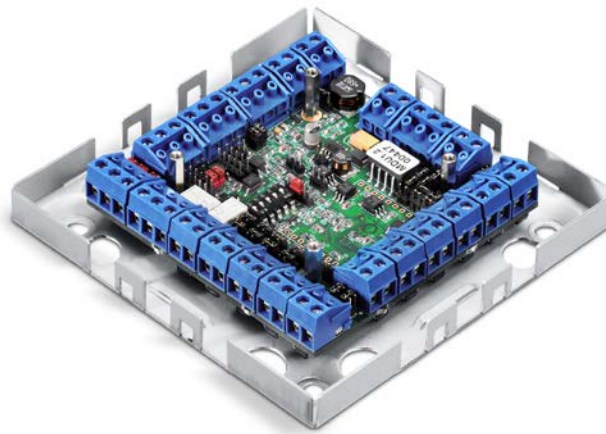| Product features	GEZE GCMU 524
Operating voltage	10 - 26V DC
Current consumption	125 mA at 24 V DC
Number of inputs	3 pc.
Number of outputs	1 pc.
Temperature range	0 - 40 °C
IP rating	IP 20
Interface PC/Host	Ethernet: 10/100 MBit/s
Software interface	Web server with integrated access control application
Offline function	●
Number of Door Units	12 pc.
Calendar function	●

● = YES

GEZE GCMU 524 - Order information

| Description	ID no.
GEZE Master Unit GCMU 524 Central unit of the Individual-Line access control system with integrated web server	134061

GEZE Door Unit GCDU 200

Door control unit for up to two doors in the Comfort-Line system using the GCMU 200 or in the Individual-Line system using the GCMU 524

The Door Unit GCDU 200 transmits the closing and opening commands to up to two doors. It can be used together with the Master Unit GCMU 200 (Comfort-Line) or the GCMU 524 (Individual-Line) for a modular design of the access control system. It can be fitted with all standard reader systems and communicates with the Master Unit and readers via an RS 485 interface. In the Comfort-Line system, up to four Door Units can be managed via bus by one Master Unit, which allows eight control points to be controlled. Thanks to the variable and diverse system of interfaces as well as inputs and outputs, the GCDU also transmits numerous switching functions (e.g. door opener) or sends messages.

GEZE GCDU 200
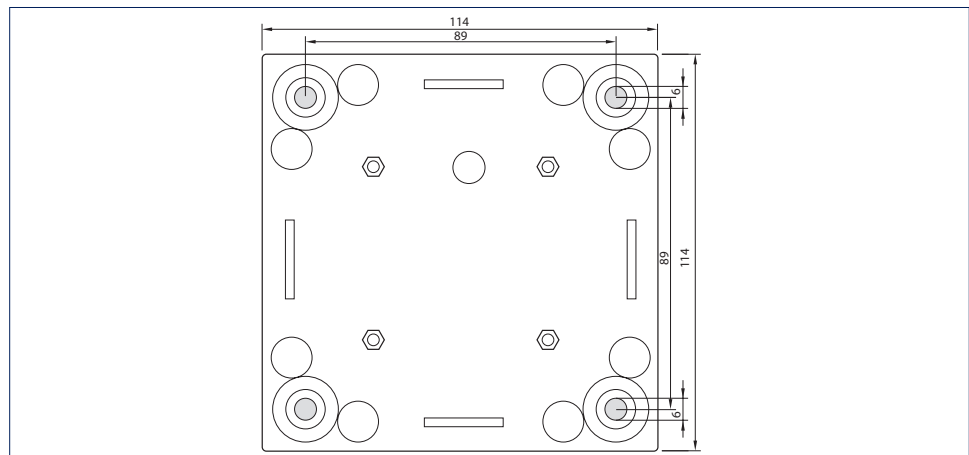
Area of application
- Door interface for two doors
- For connection via RS 485 to the Master Unit GCMU 200 or Master Unit GMU 524

COMPONENTS

Product features	GEZE GCDU 200
Operating voltage	10 - 28V DC
Current consumption	100 mA at 24 V
Relay contact (max.)	48 V / 2 A
Output voltage reader	12 V DC
Number of relays	2 pc.
Number of inputs	6 pc.
Number of outputs	5 pc.
Temperature range	0 - 40 °C
IP rating	IP 20
Number of readers	2 pc.
Interface to the reader	RS 485
Offline function	●

● = YES

GEZE GCDU 200 - Order information

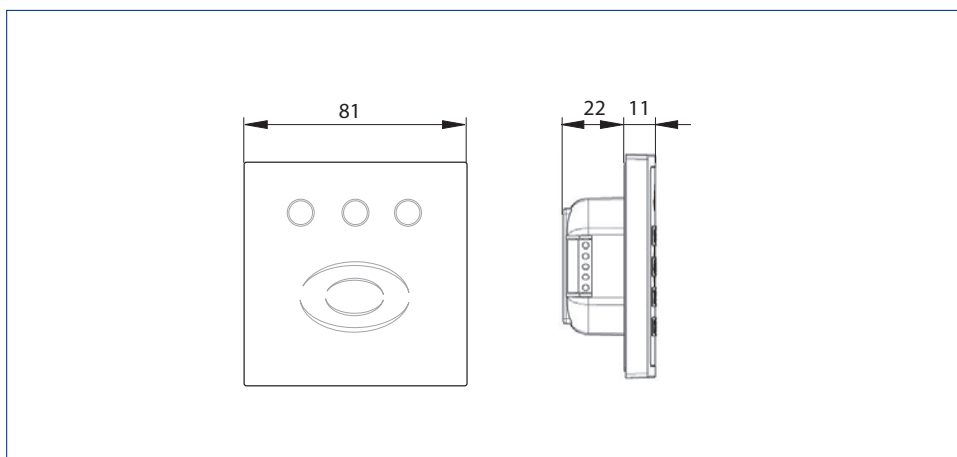| Description	ID no.
GEZE Door Unit GCDU 200 Door control unit for up to two doors in the Comfort-Line system using the GCMU 200 or in the Individual-Line system using the GCMU 524	130012

GEZE RFID reader GCVR 200

For GEZE Basic-Line, Comfort-Line and Individual-Line

The non-contact reader GCVR 200 is excellently suitable for higher-order systems both indoors and outdoors, e.g. for access control, parking systems or user identification. Comparable in function with the GCRR 200, the GCVR 200 is also available as a version with keypad (GCVR 200 T). The surface-mounted version provides variable cable inlet options from above, the side or below to simplify mounting.

GEZE RFID reader GCVR 200

Area of application
- Basic-Line
- Comfort-Line
- Individual-Line

Product features	GEZE RFID Reader GCVR 200
Operating voltage	8 - 30V DC
Current consumption	105 mA
Power consumption	2,5 W
Temperature range	-25 - 60 °C
IP rating	IP 54
Reading system options RFID technology	EM (other reading systems on request)
Type of installation	flush-mounted
Surface frame option	●
Sabotage monitoring	●

● = YES

GEZE RFID Reader GCVR 200 - Order information

| Description	Version	ID no.
GEZE RFID Reader GCVR 200 Non-contact RFID reader, type of installation: flush-mounted (surface-mounted installation: installation frame no. 130024 necessary)	grey	130022

COMPONENTS

GEZE RFID reader GCVR 200 T

For GEZE Basic-Line, Comfort-Line and Individual-Line

The non-contact reader GCVR 200 is excellently suitable for higher-order systems both indoors and outdoors, e.g. for access control, parking systems or user identification. Comparable in function with the GCRR 200, the GCVR 200 is also available as a version with keypad (GCVR 200 T). The surface-mounted version provides variable cable inlet options from above, the side or below to simplify mounting.

GEZE RFID reader GCVR 200 T
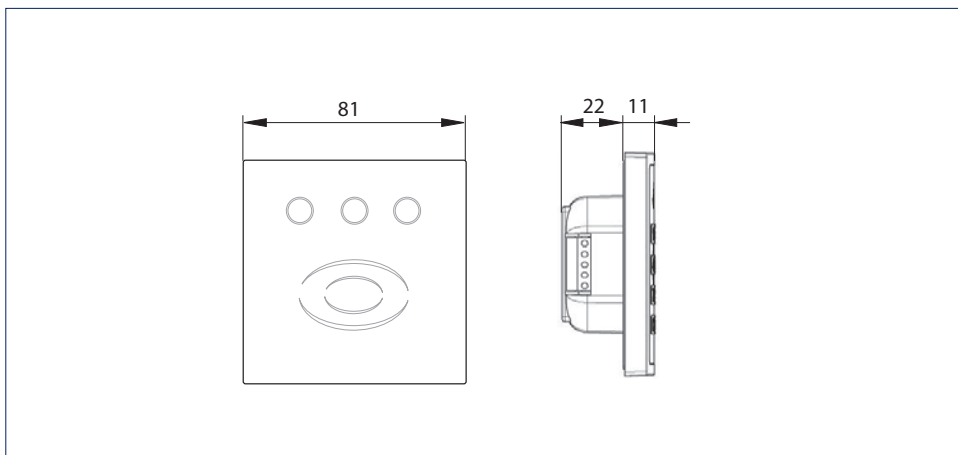
Area of application	• Access control
	• Parking systems
	• General user identification
	• Suitable for exterior and interior use

Product features	GEZE RFID reader GCVR 200 T
Keypad	●
Operating voltage	8 - 30 V DC
Current consumption	105 mA
Power consumption	2,5 W
Temperature range	-25 - 60 °C
IP rating	IP 54
Reading system options RFID technology	EM (other reading systems on request)
Type of installation	flush-mounted
Surface frame option	●
Sabotage monitoring	●

● = YES

GEZE RFID reader GCVR 200 T - Order information

| Description	Version	ID no.
GEZE RFID reader GCVR 200 T Non-contact RFID reader with integrated PIN keypad, type of installation: flush-mounted (surface-mounted installation: installation frame no. 130024 necessary)	grey	130023

GEZE RFID reader GCRR 200

Reader for flush-mounted installation for integration in System 50 switch ranges

The non-contact reader GCRR 200 fits all standard switch ranges and can thus be integrated perfectly in the building's appearance. It can be connected to the Single Door Unit GCDU 100/2 as reader for doors in stand-alone operation or be integrated in the Comfort-Line or Individual-Line systems by connection to the Door Unit GCDU 200.

GEZE GCRR 200
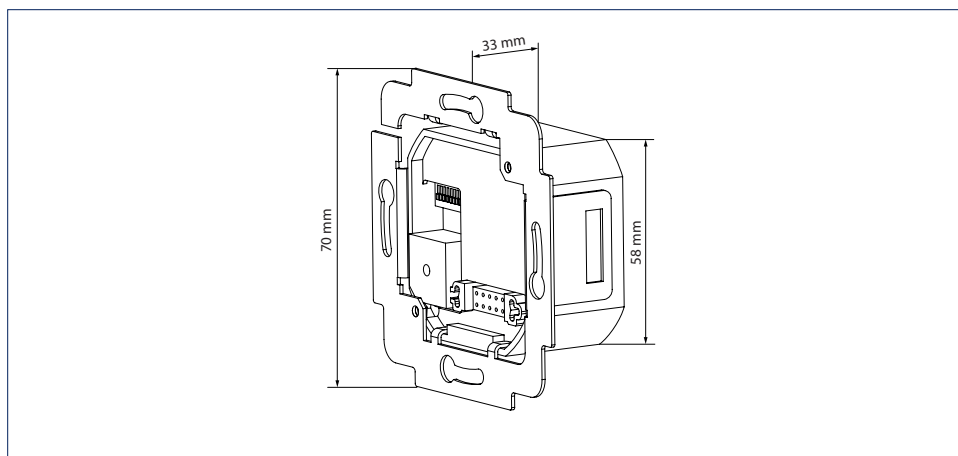
Area of application

- Basic-Line
- Comfort-Line
- Individual-Line

Product features	GEZE GCRR 200
Operating voltage	8 - 30V DC
Current consumption	105 mA
Power consumption	2.5 W
Temperature range	-25 - 60 °C
IP rating	Depending on the switch range of products of the various manufacturers
Reading system options RFID technology	EM (other reading systems on request)
Type of installation	surface-mounted, flush-mounted
Sabotage monitoring	●

● = YES

GEZE GCRR 200 - Order information

Description	Version	ID no.
GEZE RFID reader GCRR 200 Non-contact RFID reader for flush-mounted installation in System 50 switch ranges	silver	130019

COMPONENTS

Accessories

Access control systems

ID card RFID

Key ring RFID

Key ring RFID design

Plug-in power supply NT

Surface frame

Order information

Description	Version	ID no.
Power supply NT 1.1 A-24 V UP Installation in flush-mounted socket		151426
Power supply NT 2.5 A-24 V HS Output voltage 21.6 - 26.4 V DC, W x H x D: 78 x 93 x 56 mm, installation on top hat rail		151424
GCVR AP surface-mounted frame Surface frame for optional AP-installation of GCVR 200 or GCVR 200 T		130024
ID card RFID (EM / 125 kHz)	white	130026
Key ring RFID (EM / 125 kHz)	black	130029
Key ring RFID design (EM / 125 kHz)	black	130030
Plug-in power supply NT 1.0 A24 V DC	black	130025
Weatherproof cover for GCVR 200 Material V2A, with protective flap and accessories		163521

GEZE electric strikes

Compact electric strikes for all doors which are to be held closed smoothly

The compact electric strike GEZE A5000/A5300 for standard applications can be used on all door systems where doors have to be held closed smoothly. Its compact dimensions of 15.8 x 59.5 x 25.5 mm (W x H x D) makes it one of the smallest electric strikes on the market. With a retention force of 5000 N, an integrated bipolar EMC protection diode and a radius latch with 6 mm engagement depth it has very convenient standard features. The GEZE electric strikes for fire protection doors FT500/FT501 are used on fire protection doors with increased safety requirements. With a retention force of 8000 N, an integrated bipolar EMC protection diode and a radius release with 6.5 mm engagement depth, this version provides very convenient standard features. It has additional functions such as a door status contact, signal processor with power-saving function or latch guide.

A5000--B   A5001--B   A5000--FB   A5000--E   A5000--F   A5300--B   FT500--B   FT501--E

GEZE IQ lock C

The mechanical contact lock for single-leaf doors

The contact lock GEZE IQ lock C is perfect for activating emergency exit doors secured by RWS with a closing process from outside. An additional key push button is not required. The IQ lock C combines the features of a mechanical panic lock and a lever lock. In terms of functionality, it is a mechanical panic lock with a door handle on the inside and a door knob on the outside. Evaluation via potential-free contacts and forwarding to a monitoring system takes place via cylinder, follower, bolt and auxiliary latch contacts. The integrated cylinder contact makes a single-box solution possible for the emergency exit system.

SYSTEM COMPONENTS

GEZE IQ lock EM

The electromechanical lever lock for single-leaf doors

The electromechanical lever lock GEZE IQ lock EM is ideally suited for combination with access control systems. While the panic function is effective in the direction of emergency exit, the outside handle is decoupled from the lock mechanism. An electrical signal emitted by an access control system enables the outside handle to be coupled for a specific period of time or permanently, therefore allowing the door to be opened against the emergency exit direction. Just like with the IQ lock EL, the IQ lock EM can also evaluate the cylinder, follower, bolt and auxiliary latch contacts and use them as potential-free status inputs.

GEZE IQ lock EL

The motor lock for single-leaf doors

The outstanding feature of the electronic motor lock GEZE IQ lock EL is its motorised unlocking in less than one second. It makes complete monitoring of the door possible via integrated contacts. The GEZE cross latch design and the absolutely jarring-free movement of the bolt related to this reduces the load on the electromechanical components: an advantage that makes the IQ lock EL predestined for combination with swing door drives.

GEZE IQ lock EL DL

The motor lock for double-leaf doors

When the passive leaf is activated, the active leaf also opens and allows the complete escape route width to be exploited. After passage, the self-locking mechanism guarantees that the door is locked again in line with insurance requirements. The contacts permit the straightforward transmission of signals via a fire alarm or other alarm system. This guarantees registration of every passage through the door, including in emergencies or any misuse. The system solution for double-leaf doors can therefore be monitored and controlled constantly. Free passage through the door in the direction of escape is guaranteed at all times.

As well as the mechanical strike box, all the components required for the full panic door function are included in the set. A configurable number guarantees that the right components are always put together for the respective door.

The IQ lock EL DL for the active leaf offers the same functions and advantages as the IQ lock EL.
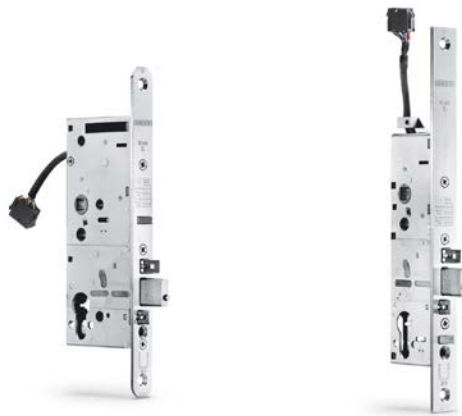
GEZE rod drive IQ AUT for the motorised unlocking of the fixed leaf

System solution for 2-leaf full panic doors

IQ lock AUT is a multifunctional system solution for full panic doors with door leaves automated on both sides. This means that both active and passive leaves can be unlocked by a motor drive. Thanks to the full panic function, both door leaves can be unlocked mechanically at the same time in an emergency by pressing the panic bar. After passage through the door, the mechanical self-locking feature becomes active, locking both door leaves quickly and securely in line with insurance requirements. As an RWA fresh air system, the IQ lock AUT guarantees the automatic unlocking of both door leaves after automatic release e.g. by means of a smoke detector. This ensures both smoke removal and a convenient exit from the building. The operating mode „permanently unlocked" allows both locks to be permanently unlocked so that the swing door drives can be activated very quickly by the respective actuation devices, e.g. a radar detector or access control system, allowing fast and safe passage through both door leaves. IQ AUT can easily be fitted to existing doors with the IQ lock EL DL.

On the left: Motor lock IQ lock EL DL, centre: strike box DL, on the right: rod drive IQ AUT

SYSTEM COMPONENTS

GEZE Door Control Unit TZ 300

For monitoring individual doors without network

The GEZE door control unit TZ 300 is part of the GEZE SecuLogic emergency exit system and is used to control and monitor electrically locked doors on emergency exit routes. Doors on emergency exit routes are reliably protected against unauthorised passage by the door control unit. At the same time, the integrated emergency button guarantees passage at all times in emergency situations. A fire alarm, RWA or danger alarm system can be connected via an integrated interface; this unlocks the doors in an emergency in order to make escape from the building possible. External signal transmitters such as signal horns or lights can also be connected and the alarm can be forwarded to a higher-order building management system. Visual and acoustic alarm signals are given by integrated buzzers and LEDs. The TZ 300 is the entry-level model without network for straightforward applications or smaller buildings. The sophisticated, yet robust design, minimum dimensions and individual colour harmoniously fit into any building design. The flat palm button can be quickly and reliably operated by anyone, even in panic situations. It enables reliable release of the illuminated emergency push-button.

On the left: surface-mounted version (AP), on the right: flush-mounted version (UP) with control unit

GEZE Door Control Unit TZ 320

For monitoring emergency exit doors with network functions

The GEZE door control unit TZ 320 is part of the GEZE SecuLogic emergency exit system and is used to control and monitor electrically locked doors on emergency exit routes. Doors on emergency exit routes are reliably protected against unauthorised passage by the door control unit. At the same time, the integrated emergency button guarantees passage at all times in emergency situations. The TZ 320 offers numerous interfaces to other products (e.g. swing door drives, motor locks, signal transmitters) and systems. Messages to higher-order building management systems or central visualisation via PC or control panel are also possible without additional components. Intelligent functions between the door control units can be realised via the GEZE bus system, e.g. security interlocking door systems or connection to and relaying of fire alarm or burglar alarm systems. The door control unit TZ 320 is the model with integrated bus function for complex applications. Three freely configurable inputs and two freely configurable outputs allow almost all requirements to be realised without additional components. The flat palm button can be quickly and reliably operated by anyone, even in panic situations. It enables reliable release of the illuminated emergency push-button.