ACCESS CONTROL AND SAFETY

Self-locking panic locks

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OVERVIEW

	single leaf doors				double leaf doors				
IQ LOCKS	**IQ lock EL**	**IQ lock EM**	**IQ lock C**	**IQ lock M**	**IQ lock AUT**	**IQ lock EL DL**	**IQ lock EM DL**	**IQ lock C DL**	**IQ lock M DL**
Motor-driven unlocking	●				GF, SF	GF			
Mechanical self-locking	●	●	●	●	GF, SF	GF, SF	GF, SF	GF, SF	GF, SF
Panic function	●	●	●	●	VP	VP	VP	VP	VP
Divided cross latch (3 mm gap between the latch and bolt prevents constraints)	●	●	●	●	GF	GF	GF	GF	GF
Electrical time-out function	●				GF	GF			
Three modes of operation (daytime operation / permanently unlocked / night)	●				GF	GF			
Outside handle, can be electrically engaged		●					GF		
Feedback contacts for lock states	●	●	●		GF, SF	GF	GF	GF	
Optional sabotage monitoring or cylinder contact	●	●	●		GF	GF	GF	GF	
Suitable for use on fire protection doors	●[1]	●	●	●	●[2]	●[1]	●	●	●

● = Yes I GF = Active leaf I SF = Passive leaf I VP = Full panic I 1 = With MST 210 motor lock control I 2 = With MST 210 motor lock control, IO 420 and (on-site) emergency power supply

IQ lock AUT

IQ lock EL DL motor lock

Strike box DL

Rod drive IQ AUT

System solution for full panic doors with automated door leaves on both sides

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors (with IO 420 and motor lock control)
- Doors along escape and rescue routes
- Smoke and heat extraction system fresh air doors
- Access control systems
- Can be combined with GEZE automatic swing door systems

PRODUCT FEATURES

- Motor-driven unlocking of door on active and passive leaves in less than three seconds
- Mechanical self-locking brings the bolt into its locked position on the active and passive leaves
- Unlocking of active leaf by activating passive leaf (full panic function)
- Divided cross latch prevents the bolt from locking even under preload
- Electric time-out function on the active leaf ensures that door will be locked safely
- Different modes of operation available for every situation
- Integrated feedback contacts on active and passive leaves enable complete door monitoring
- Optional sabotage monitoring or cylinder contact on active leaf
- Locking guaranteed in compliance with insurance requirements

TECHNICAL DATA

	IQ lock AUT
DIN direction	left/right
Locking points	2 pcs.
Temperature range	-10 — 50 °C
Panic function/mechanical self-locking	●
Feedback contacts for lock states	●
Operating voltage	24 V
Activation	external contact
Current consumption	60 mA at 24 V; max. 1.5 A at 24 V
Length of connection cable between lock and control (max.)	10 m

● = Yes

SET CONTENTS

	Active leaf side	Passive leaf side
GEZE IQ lock AUT set for standard lock dimensions 9235 and 7265	Motor lock for double leaf doors with face plate, motor lock control, control/lock power supply cable, reed contact set, open drip loop	Strike box, standard face plate strike box, IQ AUT rod drive, standard face plate IQ AUT, driving rod IQ AUT, corresponding screw pack, backset adapter (with 9235), power supply cable , open drip loop, planet rod below, round rod above (1500 mm), planet rod guide, bottom-closing recess, lintel strike plate for round rod above, top lock above

IQ lock EL

Electromechanical motor lock for combination with swing door drives on single leaf doors

AREAS OF APPLICATION

- Single leaf emergency exit and panic doors (left hand and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors (with motor lock control)
- Smoke and heat extraction system fresh air doors
- Access control systems
- Can be combined with GEZE automatic swing door systems

PRODUCT FEATURES

- Motor-driven unlocking of the door in less than a second
- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Panic function that opens (even locked) emergency exits in the escape direction at any time
- Divided cross latch prevents the bolt from locking even under preload
- Electrical time-out function ensures the secure locking of a door
- Different modes of operation for every situation
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Small rear backset and small dimensions of the lock case

SET CONTENTS

IQ lock EL set	Motor lock with face plate, strike plate, motor lock control, control/lock power supply cable, reed contact set, open drip loop

IQ lock EL DL

Electromechanical motor lock for combination with swing door drives on double leaf doors

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors (with motor lock control)
- Smoke and heat extraction system fresh air doors
- Access control systems
- Can be combined with GEZE automatic swing door systems
- Locking guaranteed in compliance with insurance requirements
- In combination with IQ AUT fully automated, double leaf doors can be realised (IQ lock AUT)

PRODUCT FEATURES

- Motor-driven unlocking of the door in less than a second
- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Unlocking of active leaf by activating passive leaf (full panic function)
- Divided cross latch prevents the bolt from locking even under preload
- Electrical time-out function ensures the secure locking of a door
- Different modes of operation on the active leaf available for every situation
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Small rear backset and small dimensions of the lock case

TECHNICAL DATA

	IQ lock EL	IQ lock EL DL
DIN direction	left/right	
Temperature range	–10 — 50 °C	
Motor-driven unlocking	< 1 s	
Panic function/mechanical self-locking	●	
Divided cross latch (3 mm gap between the latch and bolt)	●	
Electrical time-out function	●	
Three modes of operation (daytime operation / permanently unlocked / night)	●	
Feedback contacts for lock states	●	
Optional sabotage monitoring or cylinder contact	●	
Supply voltage	12 V, 24 V	
Current consumption	160 mA at 12 V/1 A t 12 V short-term 80 mA at 24 V/400 mA t 24 V short-term	
Contact rating	30 V/500 mA	
Resistance to forcing	10000 N	10000 N
Length of connection cable between lock and control (max.)	15 m	

● = Yes

SET CONTENTS

	Active leaf side	Passive leaf side
IQ lock EL DL set	Motor lock for double leaf doors with face plate, motor lock control, control/lock power supply cable, reed contact set, open drip loop	Strike box, flanged face plate, planet rod below, round rod above (1500 mm), planet rod guide, bottom closing-recess, lintel strike plate for round rod above, top lock above

MST 210

Motor lock control for IQ lock EL and IQ lock EL DL

AREAS OF APPLICATION

- IQ lock EL
- IQ lock EL DL
- Mounting in surface-mounted housing
- Mounting possible on mounting bracket

PRODUCT FEATURES

- Integrated contacts (unlocked, lock cylinder, door handle, control latch) can be issued potential-free
- Integrated emergency power buffer for safe locking in the event of fire

TECHNICAL DATA

	MST 210
Type of installation	Surface-mounted installation
Dimensions (W x H x D)	140 x 140 x 79 mm
Supply voltage	12 – 24 V DC +/-15%
IP rating	IP65
Contact rating	30 V / 1 A

GC Lock Control SHEV

Additional control unit for motor locks for use of different 24 V or 12 V motor locks on a SHEV air inlet door

AREAS OF APPLICATION

- Use on SHEV air inlet doors
- Single and double leaf SHEV air inlet doors
- SEHV inlet vent solutions in combination with a motor lock
- Top hat rail mounting
- Can be integrated into the cover extension kit of a swing door drive with cover extension (single leaf) and double leaf without cover extension (versions of the Powerturn -F, EMD -F)
- Can be mounted in the GEZE surface-mounted housing or in the distribution box

PRODUCT FEATURES

- Allows for simple and safe wiring of the components to create different SEHV inlet vent solutions on the door
- Connection of the regulated SHEV control panel, max. two K 600, max. two swing door drives or one door control unit, DC/DC converter, motor lock and locking module as well as power supplies
- Connection of 24 V and 12 V motor locks
- Ensure the power supply to the motor locks from the regulated SHEV control panel and the connected power supply
- Simple maintenance and installation thanks to the integrated status indicator
- Integrated rectifier function for reversing the polarity of or resetting the SHEV control panel
- Surge protection on the SHEV input
- Clearly positioned inputs and outputs for simple component wiring
- Reliable opening and closing, including in normal operation
- Connection or integration into building management systems/physical security information management systems through the SHEV control panel

IO 420

BACnet MS/TP extension module for connecting GEZE products to the building management system

AREAS OF APPLICATION

- Standardised networking of all GEZE automation solutions from door, window and safety technology
- Integration of GEZE products into the building management system (BMS)

PRODUCT FEATURES

- Straightforward connection of GEZE products
- Visualisation and activation of GEZE products via BMS systems
- Measurability and evaluation of all activities from door, window and safety technology
- Ability to connect other components at any time
- MS/TP interface
- BACnet device profile B-ASC

IQ lock EM

Electromechanical lever lock for combination with access control systems on single leaf doors

AREAS OF APPLICATION

- Single leaf emergency exit and panic doors (left hand and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors
- Access control systems

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Panic function that opens (even locked) emergency exits in the escape direction at any time
- Divided cross latch prevents the bolt from locking even under preload
- The outside handle is decoupled from the lock mechanism
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Small rear backset and small dimensions of the lock case

SET CONTENTS

IQ lock EM set	Lever lock with face plate, strike plate, control/lock power supply cable, open drip loop

IQ lock EM DL

Electromechanical lever lock for combination with access control systems on double leaf doors

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors
- Access control systems

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Unlocking of active leaf by activating passive leaf (full panic function)
- Divided cross latch prevents the bolt from locking even under preload
- The outside handle is decoupled from the lock mechanism
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Small rear backset and small dimensions of the lock case

TECHNICAL DATA

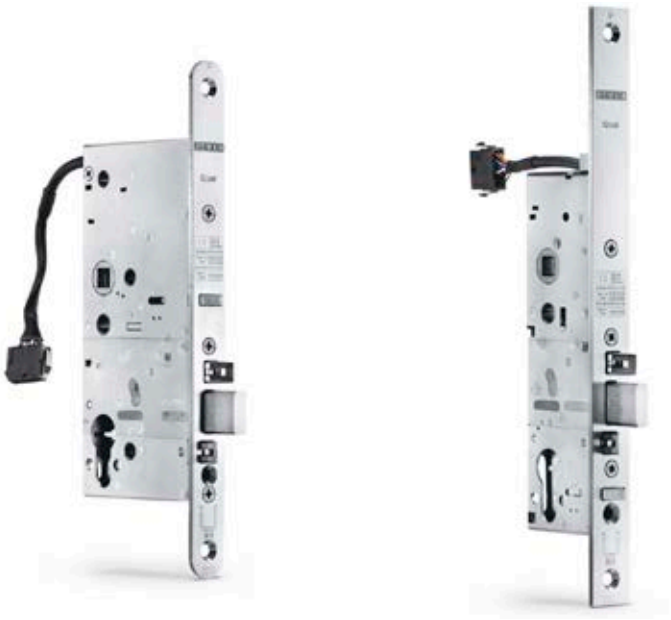
	IQ lock EM	IQ lock EM DL
DIN direction	left/right	
Temperature range	–10 — 50 °C	
Panic function/mechanical self-locking	●	
Divided cross latch (3 mm gap between the latch and bolt)	●	
Outside handle, can be electrically engaged	●	
Feedback contacts for lock states	●	
Optional sabotage monitoring or cylinder contact	●	
Supply voltage	12 V, 24 V, 48 V	
Activation	external contact	
Current consumption	420 mA at 12 V , 210 mA at 24 V, 105 mA at 48 V	
Contact rating	30 V/500 mA	
Resistance to forcing	10000 N	
Length of connection cable between lock and control (max.)	15 m	

● = Yes

SET CONTENTS

	Active leaf side	Passive leaf side
IQ lock EM DL set	Lever lock for double leaf doors with face plate, control/lock power supply cable, open drip loop	Strike box, flanged face plate, planet rod below, round rod above (1500 mm), planet rod guide, bottom-closing recess, lintel strike plate for round rod above (1500 mm), top lock above

IQ lock C



Mechanical contact lock with feedback contacts for single leaf doors

AREAS OF APPLICATION

- Single leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Panic function that opens (even locked) emergency exits in the escape direction at any time
- Divided cross latch prevents the bolt from locking even under preload
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Release of emergency exit system secured escape doors without key switch possible
- Small rear backset and small dimensions of the lock case

The lock version needed as well as accessories such as strike plates, for example, can be selected with the help of a configuration.

IQ lock C DL

Mechanical panic lock for simple panic functions on double leaf doors

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Unlocking of active leaf by activating passive leaf (full panic function)
- Divided cross latch prevents the bolt from locking even under preload
- Integrated feedback contacts allow for complete monitoring of the door
- Optional sabotage monitoring or cylinder contact
- Release of emergency exit system secured escape doors without key switch possible
- Locking guaranteed in compliance with insurance requirements
- Small rear backset and small dimensions of the lock case

The lock version needed as well as accessories such as strike plates, strike boxes or vertical rods, for example, can be selected during the configuration process.

TECHNICAL DATA

	IQ lock C	IQ lock C DL
DIN direction	left/right	
Temperature range	-10 — 50 °C	
Panic function/mechanical self-locking	●	
Divided cross latch (3 mm gap between the latch and bolt)	●	
Feedback contacts for lock states	●	
Optional sabotage monitoring or cylinder contact	●	
Contact rating	30 V/500 mA	
Resistance to forcing	10000 N	
Length of connection cable between lock and control (max.)	15 m	

● = Yes

IQ lock M

Mechanical panic lock for simple panic functions on single leaf doors

AREAS OF APPLICATION

- Single leaf emergency exit and panic doors (left hand and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Panic function that opens (even locked) emergency exits in the escape direction at any time
- Divided cross latch prevents the bolt from locking even under preload
- Small rear backset and small dimensions of the lock case
- Can be combined with electronic thumbturn cylinders

The lock version needed as well as accessories such as strike plates, for example, can be selected during the configuration process.

IQ lock M DL

Mechanical panic lock for simple panic functions on double leaf doors

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand door and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors

PRODUCT FEATURES

- Mechanical self-locking ensures an automatic crossbar projection every time you close it
- Unlocking of active leaf by activating passive leaf (full panic function)
- Divided cross latch prevents the bolt from locking even under preload
- Small rear backset and small dimensions of the lock case
- Can be combined with electronic thumbturn cylinders

The lock version needed as well as accessories such as strike plates, strike boxes or vertical rods, for example, can be selected during the configuration process.

TECHNICAL DATA

	IQ lock EM	IQ lock EM DL
DIN direction	left/right	
Temperature range	–10 — 50 °C	
Panic function/mechanical self-locking	●	
Divided cross latch (3 mm gap between the latch and bolt)	●	
Resistance to forcing	10000 N	

● = Yes

We are GEZE.

For liveable buildings

GEZE stands for innovation, high quality and comprehensive support of building technologies. From the initial idea, planning and operational implementation with standard products to customised system solutions and individual service and maintenance plans. We offer an extensive product range of door, window and safety technology products and are a major driving force behind the digital networking of building automation.

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