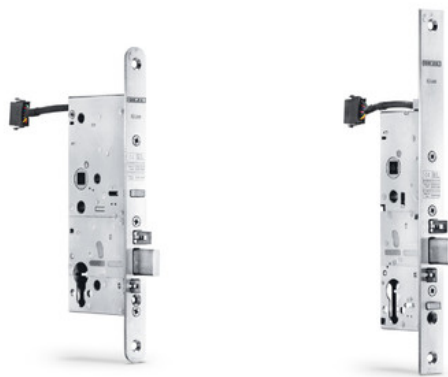


Product data sheet

IQ lock EM



Electro-mechanical lever lock for the combination with access control systems on single leaf doors

AREAS OF APPLICATION

- Single leaf emergency exit and panic doors
- Doors along escape and rescue routes
- Fire and smoke protection doors
- Access control systems

PRODUCT FEATURES

- Mechanical self-locking ensures automatic crossbar projection every time the door is closed
- Panic function which opens (even locked) emergency exits in the direction of escape
- Divided cross latch prevents the bolt from locking even under side-load
- External door handle is decoupled from the lock mechanism
- Integrated feedback contacts make complete monitoring of the door possible
- Optional sabotage monitoring or cylinder contact
- Small rear backset and small dimensions of the lock case

TECHNICAL DATA

Productname	IQ lock EM
DIN direction	left / right
Service temperature	-10 – 50 °C
Supply voltage	12 V DC, 24 V DC, 48 V DC
Panic function / mechanical self-locking	Yes
Divided cross latch (3 mm gap between latch and bolt)	Yes
Outside handle, can be electrically engaged	Yes
Feedback contacts for lock states	Yes
Optional sabotage monitoring or cylinder contact	Yes
Activation	External contact
Power consumption	210 mA at 24 V, 420 mA at 12 V
Contact rating	30 V / 500 mA
Resistant to forcing	10000 N
Connector cable length	10 m

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EM *	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106567	72 mm	55 mm	left (outward opening)
IQ lock EM *	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	106577	92 mm	35 mm	right (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	106578	92 mm	45 mm	right (outward opening)
IQ lock EM	for tubular frame doors / rectangular faceplate 270 x 24 x 3 mm / operating voltage: 24 V DC / power consumption: approx. 210 mA / contact rating: / maximum 30 V / 500 mA	114626	94 mm	35 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106568	72 mm	65 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	114646	78 mm	100 mm	right (outward opening)

IQ lock EM

Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	138354	72 mm	65 mm	left (outward opening)
IQ lock EM	for tubular frame doors / rectangular faceplate 270 x 24 x 3 mm / operating voltage: 24 V DC / power consumption: approx. 210 mA / contact rating: / maximum 30 V / 500 mA	114621	94 mm	45 mm	right (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106570	72 mm	100 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	114632	78 mm	100 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	114622	78 mm	60 mm	right (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	106565	92 mm	35 mm	left (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	138352	92 mm	35 mm	left (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	115023	92 mm	40 mm	left (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	138351	92 mm	35 mm	right (outward opening)
IQ lock EM	for tubular frame doors / rectangular faceplate 270 x 24 x 3 mm / operating voltage: 24 V DC / power consumption: approx. 210 mA / contact rating: / maximum 30 V / 500 mA	114619	94 mm	35 mm	right (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	138353	72 mm	65 mm	right (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	115022	92 mm	40 mm	right (outward opening)
IQ lock EM	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	106566	92 mm	45 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106580	72 mm	65 mm	right (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106569	72 mm	80 mm	left (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106582	72 mm	100 mm	right (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106581	72 mm	80 mm	right (outward opening)
IQ lock EM	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	106579	72 mm	55 mm	right (outward opening)

ACCESSORIES**DETACHABLE CABLE TRANSITION (12-POLE) ***

Guide of the connector cable to the door leaf



Designation	Description	Ident- No.	Dimensions	Type of installation
Detachable cable transition (12-pole) *	Detachable cable transition (12-pole) for active leaf / without connector cable	152234	480 x 24 x 17.5 mm	in the door frame, in the door leaf
detachable drip loop (8-pole) *	detachable drip loop (8-pole) for passive leaf / with connector cable 6m/3m / LiYY 8-wire 0.35mm ²	152233	480 x 24 x 17.5 mm	in the door frame

* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.