

Product data sheet

IQ lock EM DL *



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

AREAS OF APPLICATION

- Double 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
- Unlocking of active leaf by activating passive leaf (full panic function)
- 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 DL *
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
Power consumption	N/A, N/A
Contact rating	30 V / 500 mA
Resistant to forcing	6000 N
Connector cable length	15 m

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133863	72 mm	100 mm	left (outward opening)
IQ lock EM DL *	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	133873	94	45 mm	left (outward opening)
IQ lock EM DL	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	133880	94	45 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161339	92 mm	35 mm	left (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133858	92 mm	40 mm	left (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133871	94 mm	35 mm	left (outward opening)

IQ lock EM DL *

Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133877	78 mm	100 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133867	72 mm	55 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133860	72 mm	55 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133883	78 mm	80 mm	right (outward opening)
IQ lock EM DL *	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133876	78 mm	80 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 24 x 235 x 3 mm, fail-secure	163825	72 mm	65 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162627	92 mm	35 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133882	78 mm	70 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	163342	92 mm	40 mm	right (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133878	94 mm	35 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133869	72 mm	80 mm	right (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	139366	92 mm	35 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133862	72 mm	80 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	157379	92 mm	35 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 24 x 235 x 3 mm, fail-secure	163827	72 mm	65 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	157380	92 mm	35 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162628	92 mm	40 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133870	72 mm	100 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161340	92 mm	35 mm	right (outward opening)
IQ lock EM DL	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	133872	94	40 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162626	92 mm	35 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133874	78 mm	60 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 24 x 235 x 3 mm, fail-secure	163824	72 mm	80 mm	left (outward opening)
IQ lock EM DL	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	133879	94	40 mm	right (outward opening)

IQ lock EM DL *



Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133884	78 mm	100 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 24 x 235 x 3 mm, fail-secure	163826	72 mm	80 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133861	72 mm	65 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161357	92 mm	40 mm	left (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133857	92 mm	35 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161360	92 mm	45 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	157381	92 mm	45 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162630	92 mm	45 mm	right (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133859	92 mm	45 mm	left (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	139367	92 mm	35 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162629	92 mm	40 mm	left (outward opening)
IQ lock EM DL *	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161359	92 mm	40 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	139369	72 mm	65 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133881	78 mm	60 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	139368	72 mm	65 mm	right (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133865	92 mm	40 mm	right (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133866	92 mm	45 mm	right (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 24 x 285 x 3 mm, fail-secure	161358	92 mm	45 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	157382	92 mm	45 mm	left (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133875	78 mm	70 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 28 x 270 x 3 mm, fail-secure	162631	92 mm	45 mm	left (outward opening)
IQ lock EM DL	For tubular frame doors with rectangular face plate 22 x 285 x 3 mm, fail-secure	163343	92 mm	40 mm	left (outward opening)
IQ lock EM DL	for tubular-framed doors with rectangular face plate 24 x 270 x 3 mm, fail-secure	133864	92 mm	35 mm	right (outward opening)
IQ lock EM DL	For solid leaf doors with round face plate 20 x 235 x 3 mm, fail-secure	133868	72 mm	65 mm	right (outward opening)

ACCESSORIES**STRIKE BOX SOLID LEAF ***

Mechanical strike box as passive leaf rod locking element on double leaf doors



Designation	Description	Ident- No.	DIN direction	Backset
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 25mm positioned / (starting from handle)	133904	left / right	60 mm
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 25mm positioned / (starting from handle)	133903	left / right	55 mm
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 35mm / (starting from handle)	133908	left / right	100 mm
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 35mm / (starting from handle)	133907	left / right	80 mm
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 35mm / (starting from handle)	133905	left / right	65 mm
Strike box solid leaf doors *	without face plate / Distance of the screw points for locking bolts: 211 mm / the vertical locking bolts are positioned on / backset - 35mm / (starting from handle)	133906	left / right	70 mm

STRIKE BOX TUBULAR FRAME DOORS, LONG *

Mechanical strike box as passive leaf rod locking element on double leaf doors



Designation	Description	Ident- No.	DIN direction	Backset
Strike box tubular-framed doors, long *	without face plate, / for the use of / safety fittings / Distance of the screw points for locking bolts: 323 mm / the vertical locking bolts are positioned on backset	133899	left / right	35 mm
Strike box tubular-framed doors, long *	without face plate, / for the use of / safety fittings / Distance of the screw points for locking bolts: 323 mm / the vertical locking bolts are positioned on backset	133900	left / right	40 mm
Strike box tubular-framed doors, long *	without face plate, / for the use of / safety fittings / Distance of the screw points for locking bolts: 323 mm / the vertical locking bolts are positioned on backset	133902	left / right	55 mm
Strike box tubular-framed doors, long *	without face plate, / for the use of / safety fittings / Distance of the screw points for locking bolts: 323 mm / the vertical locking bolts are positioned on backset	133901	left / right	45 mm

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

TUBULAR FRAME STRIKE BOX

Mechanical strike box as passive leaf rod locking element on double leaf doors

**BOTTOM-CLOSING RECESS ***

Keeper for rod locking downward



* 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.