

Product data sheet

IQ lock EL DL



Electro-mechanical motor lock for the combination with
swing door drives on double leaf doors

AREAS OF APPLICATION

- Double leaf emergency exit and panic doors (left hand and right hand door)
- Doors along escape and rescue routes
- Fire and smoke protection doors (with MST 210 motor lock control)
- Smoke and heat extraction system fresh air doors
- Access control systems
- Can be combined with GEZE automatic swing door systems
- Locking in accordance with insurance requirements ensured
- 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 one second
- 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
- Electric sequential control ensures secure locking of the door
- Different modes of operation are available for every situation at the active leaf
- 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 EL DL
DIN direction	left / right
Service temperature	-10 – 50 °C
Motor-driven unlocking	< 1 s
Panic function / mechanical self-locking	Yes
Divided cross latch (3 mm gap between latch and bolt)	Yes
Electric sequential control	Yes
Three modes of operation (daytime operation / permanently unlocked / permanently night)	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

IQ lock EL DL



Resistant to forcing	6000 N
Connector cable length	15 m

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 22 x 285 x 3 mm	163329	92 mm	40 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133851	94 mm	40 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133848	72 mm	80 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133843	92 mm	35 mm	left / right
IQ lock EL DL	for tubular-framed doors with rectangular face plate 24 x 285 x 3 mm	161356	92 mm	45 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 24 x 235 x 3 mm	163809	72 mm	65 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133845	92 mm	45 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133853	78 mm	60 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 28 x 270 x 3 mm	162625	92 mm	45 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133844	92 mm	40 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 22 x 285 x 3 mm	157378	92 mm	45 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 28 x 270 x 3 mm	162623	92 mm	35 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133846	72 mm	55 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133850	94 mm	35 mm	left / right
IQ lock EL DL *	for tubular-framed doors with rectangular face plate 24 x 285 x 3 mm	161333	92 mm	35 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133854	78 mm	70 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 24 x 235 x 3 mm	163808	72 mm	80 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133847	72 mm	65 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm	133852	94 mm	45 mm	left / right
IQ lock EL DL	for tubular-framed doors with rectangular face plate 24 x 285 x 3 mm	161355	92 mm	40 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133856	78 mm	100 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133849	72 mm	100 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 22 x 285 x 3 mm	157377	92 mm	35 mm	left / right
IQ lock EL DL	for solid leaf doors / with round face plate 20 x 235 x 3 mm	133855	78 mm	80 mm	left / right
IQ lock EL DL	for tubular-framed doors / with rectangular face plate 28 x 270 x 3 mm	162624	92 mm	40 mm	left / right

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

MST 210

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



ADDITIONAL MOTOR LOCK CONTROL

Additional motor lock control for smoke and heat extraction systems



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.