

# 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)
- SHEV air inlet 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 deadbolt 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
Current consumption	N/A N/A
Contact rating	30 V / 500 mA



Resistant to forcing	10000 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 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 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 285 x 3 mm	161333	92 mm	35 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 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	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

## 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



### 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

### REMOVABLE DRIP LOOP \*

Guide of the connector cable to the door leaf



Designation	Description	Ident-No.	Dimensions	Type of installation	IP rating
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	IP20
detachable drip loop (8-pole) *	detachable drip loop (8-pole) for passive leaf with connector cable 6m/3m LiYY 8-wire 0.35mm <sup>2</sup>	152233	480 x 24 x 17.5 mm	in the door frame	IP67

### TUBULAR FRAME STRIKE BOX \*

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



# IQ lock EL DL \*



## BOTTOM-CLOSING RECESS \*

Keeper for rod locking downward



## GC LOCK CONTROL SHEV \*

Additional control unit for motor locks for 12 V or 24 V motor locks on an SHEV air inlet door



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
GC Lock Control SHEV DR *	Motor lock auxiliary control for easily and safely using different motor locks (24 V or 12 V) on a SHEV air inlet door. Top hat rail mounting (2 horizontal pitches)	207168	grey	35 x 60 x 90 mm	Top hat rail mounting

## IQ LOCK AUT \*

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



Designation	Description	Ident-No.	DIN direction	Face plate dimensions	Supply voltage
GEZE IQ AUT SET *	for putting together the individual components for the safe extension of an existing IQ lock EL DL variant Operating voltage: 24 V Current consumption: 60 mA at 24 V, max. 1.5 A at 24 V Contact rating: maximum 30 V / 500 mA Service temperature: -20 °C ... +60 °C Relative humidity: 0 % to 75 % Condensation and sprinkling not permissible	151683	left / right	24 x 545 x 3 mm	24 V
SET GEZE IQ lock AUT *	Set for standard lock dimensions 9235 and 7265 with the following components: IQ lock EL DL, MST 210, strike box DL, standard face plate strike box, IQ AUT, standard face plate IQ AUT, IQ AUT driving rod, corresponding screw packs, backset adapter (for 9235) connector cable and open drip loops for both door leaves, set reed contacts, top lock and strike plate on top, vertical rod for passive leaf at top (1,500 mm) and bottom, rod guide at bottom and bottom-closing recess	157399	left / right	24 x 545 x 3 mm	24 V

**IQ AUT ROD DRIVE \***

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



Designation	Description	Ident-No.	DIN direction	Face plate dimensions	Supply voltage
IQ AUT rod drive *	for motor-driven passive leaf unlocking without face plate Operating voltage: 24 V Current consumption: 60 mA at 24 V, max. 1.5 A at 24 V Contact rating: maximum 30 V / 500 mA Service temperature: -20 °C ... +60 °C Rel. Humidity: 0 % to 75 % Condensation and sprinkling not permissible	153755	left / right	24 x 545 x 3 mm	24 V

\* 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.