Product data sheet

IQ lock EL

Electro-mechanical motor lock for the combination with swing door drives 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 (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

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IQ lock EL

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
- 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
- Electric sequential control ensures secure locking of the door
- Various modes of operation for every possible situation
- 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
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
Activation	External contact
Power consumption	80 mA at 24V / 400 mA at 24V short-term, 160 mA at 12V / 1 A at 12V short-term
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 motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103640	92 mm	35 mm	left / right
IQ lock EL motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121822	92 mm	40 mm	left / right

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IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	114615	78 mm	60 mm	left / right
IQ lock EL motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121821	92 mm	35 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121826	72 mm	80 mm	left / right
IQ lock EL motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103641	92 mm	45 mm	left / right
IQ lock EL motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	114614	94 mm	45 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103644	72 mm	80 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103643	72 mm	65 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121827	72 mm	100 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121824	72 mm	55 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121825	72 mm	65 mm	left / right
IQ lock EL motor lock	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	121823	92 mm	45 mm	left / right
IQ lock EL motor lock *	for tubular-framed doors / with rectangular face plate 24 x 270 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	114612	94 mm	35 mm	left / right

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Designation	Description	Ident-No.	Distance lock	Backset	DIN direction
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103695	72 mm	100 mm	left / right
IQ lock EL motor lock	for solid leaf doors / with round face plate 20 x 235 x 3 mm / Operating voltage: 12 - 24 V DC / Current consumption: / 80 mA / 24 V; 160 mA / 12V / max. current consumption (short-term): / 400 mA / 24 V; 1 A / 12 V	103642	72 mm	55 mm	left / right

ACCESSORIES

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

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 0.35mm²	152233	480 x 24 x 17.5 mm	in the door frame

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* 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.