

twist M / twist ML

The new swing gate operators



Flexible

- Can be used universally for DIN left and DIN right
- 1- and 2-leaf operation
- With special fittings, also suitable for outward-opening gates.
- Microprocessor control unit with a wide variety of setting options, such as pedestrian leaf function, automatic closing of the gate, adjustable pre-warning time, adjustable behaviour when encountering an obstacle (complete or partial reversion of the gate)
- Fast installation and easy electrical connection (2-wire technology)
- Identical mounting dimensions with the twist 200 E/EL make the conversion easier.



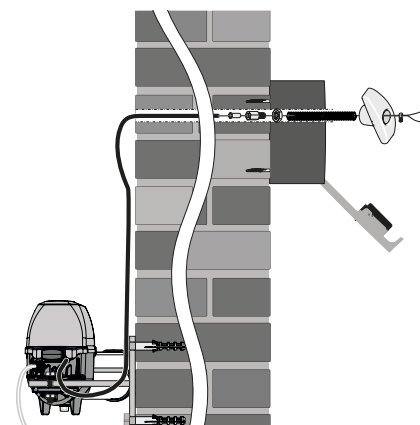
Optional ambient lighting that illuminates the ground when the gate wing is moving.

Secure

- Self-locking without electric lock
- Accident prevention by means of electronically-regulated force measurement with DPS (Dynamic Power System)
- Operator can be manually unlocked in any position (e.g. in the event of a power failure), optionally via a bowden wire from the outside
- Connections for safety devices, such as warning light and photocell (4-wire) as well as for an external device (DC 24 V), potential-free relay contact

Innovative

- Compact design
- Controlled soft run in ramp form without power loss ensures movement which is easy on the gate



Access for unlocking from the outside with a bowden wire is integrated into the housing of the operator.



Disturbance-resistant radio signal



128-bit encryption



Bi-directional radio control system



SOMlink service interface



TECHNICAL DATA

Radio system	SOMloq2
Frequency	FM 868.8 MHz FM 868.95 MHz
Max. gate weight per leaf	300 kg
Max. gate width per leaf	2,500 mm
Gate inclination ¹⁾	Up to a max. 10% (max. 120 kg)
Gate filling	max. 100% closed (depending on the width and height of the gate)
Rated voltage	220–240 V AC
Rated frequency	50/60 Hz
Memory positions in the radio receiver for hand-held transmitter commands	40 (450 optional with Memo)
Duty cycle	S3 = 15 %
Temperature range	-25 °C to +65 °C
IP code control unit	IP65
IP code operator	IP44
Max. feed speed	16.5 mm/s
Max. traction and pressure force per leaf	2,000 N
Rated, pulling and pushing force per leaf	600 N

1) In compliance with the standards and directives listed in the declaration of incorporation, particularly DIN EN 13241.



Revision of the emergency release system, defined position (locked/unlocked)



Newly developed motor



Electronic limit switches with reed sensors ensure precise limit switching.



twist M Set 1-leaf
S13694-00001



twist M Set 2-leaf
S13695-00001



twist ML Set 1-leaf
S13696-00001



twist ML Set 2-leaf
S13697-00001



Lumi Stick twist M/ML illumination
S13745-00001



Release set
S11142-00001

Last updated: 06/2023. Literal errors, errors and technical changes excepted.



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