

GILGEN SLX-M AUTOMATIC SLIDING DOOR DRIVE UNIT

For a wide range of applications

Barrier-free convenience

It is hard to imagine a customer-friendly building design that does not include automatic sliding doors.

The many possible examples, which include airports, hotels, restaurants, shops and other commercial premises, all clearly demonstrate the benefits of automated entrances and internal accesses.

Automatic doors offer an excellent solution for disabled users, who benefit from the contact free convenience they offer.

Architectural design

Gilgen automatic doors can provide any building with a user-friendly addition that is also an attractive architectural feature. Clients and architects are offered advanced functionality and prestigious designs created to meet their exacting requirements.

Safety and security

The Gilgen SLX-M drive unit meets our ever growing need for safety and security. Optional functions, such as burglar-resistant components, or door systems designed to offer a guaranteed escape route in the event of an emergency, are just two of the features available. The highly reliable SLX-M is designed to offer impressive performance in a wide range of demanding applications. It functions easily, even with maximum frequency of use.



The Gilgen SLX-M drive unit is the basis of a whole range of possible configurations. The wide selection of different functions allows access to be optimised to match pedestrian traffic flows. It has been designed to tackle even the toughest operating conditions.



Redundant automatic doors for emergency exits and rescue access routes

Automatic door-opening systems can be supplied with primary (master) and secondary (slave-backup) operation. All system components are monitored. This ensures that at least one system is always available, in all situations, to operate the emergency opening mechanism. The installation of these backup elements does not affect the elegant and streamlined design of the doors concerned.

Emergency opening with rubber cable for escape exit and rescue access route as per CO 48 (France)

In the event of a power cut, the rubber cord opens the door in a one-off operation. We recommend using this system in combination with battery backup.



Technical specifications - Gilgen SLX-M drive unit

Opening/closing speed	0,03 - 0,8 m/s
Hold-open time, day: Adjustable time until the door closes	0 - 45 s
Mains power connection	230 VAC, 50/60 Hz 115 VAC, 50/60 Hz
Stat. drive power	max. 150 N
Protection rating	IP 23
Control voltage	24 VDC
Power consumption	100 W
Ambient temperature	between -15 and +50 °C
Max. door leaf weight	1 x 150 kg 2 x 120 kg
Max. door leaf weight redundant	1 x 150 kg 2 x 150 kg

Telescopic configuration

The Gilgen SLX-M sliding door system is also available in telescopic configuration. This allows the width of an access to be maximised, even in places where space is limited.

Multi-point locking mechanism

The high-quality FLUVERI multipoint locking mechanism is available in addition to standard locking inside the header profile. This ensures fast and reliable locking and unlocking of the door.

The FLUVERI mechanism is concealed inside the vertical profile of the door leaf. For extra burglar-proofing, the leaves are double-interlocked to stop the door being levered out.

It can be combined with the PSXP profile system.

Embedded floor lock

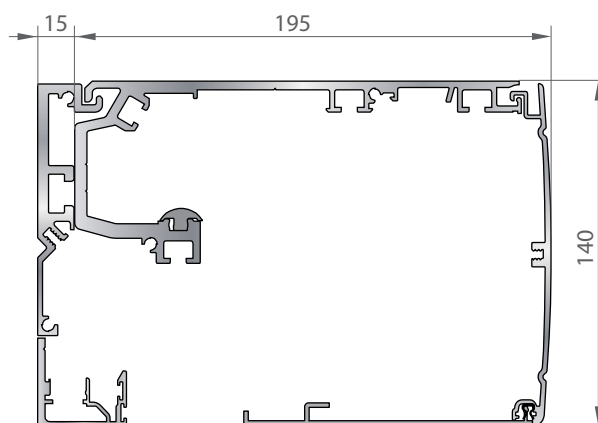
The locking of door leaves by means of a manual floor lock provides additional protection against break-ins and ramming.

Additional technical features for installation and maintenance:

- Designed to allow pre-assembly and simple final installation
- The generous dimensions of the drive case ensure ease of maintenance
- Optimised door adjustment range, also compatible with door-leaves from other suppliers
- The power-supply option allows extra electronic features to be operated along with the sliding door-leaves (e.g. alarmed glass)

Safety-tested

The Gilgen SLX-M sliding door drive unit is TÜV-approved, and conforms to the relevant norms and standards (such as EN 16005, DIN 18650).



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