

GILGEN SLM-KIT SLIDING DOOR

A modular system enables you to answer all the requirements of your customers

Flexibility in all functions

The design concept uses modular components (Kit) thereby ensuring maximum flexibility with a minimum of effort.

Robust drive unit

With maintenance-free direct current motor, power electronics for the motor regulation, mains connection with plug supply.

Intelligent micro-processor system

With automatic self-diagnostic, self-monitoring operating sequences, low-noise and optimized travelling characteristics.

Automatic self-learning process, test with:

- Measurement of mass and friction
- Preliminary adjustment of the maximum admissible speed, between 0,6 - 0,7 m/s
- Maximum static force of 150 N, in accordance with the CEN/FCOS safety regulations
- Photoelectric cell testing
- Automatic end positioning

Optimal running characteristics

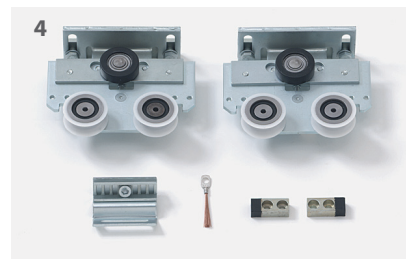
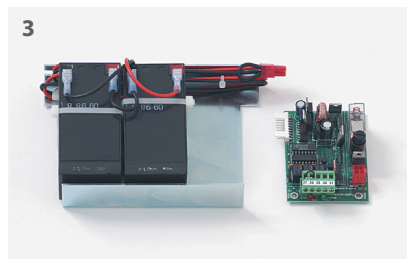
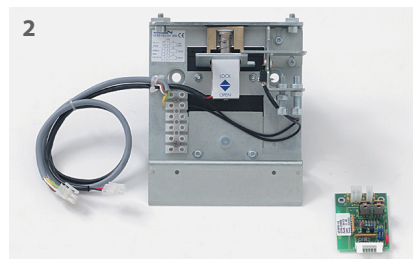
- With the special carrier profile
- With wear-free and low-noise high resistant covering of synthetic material

A wide choice of options and extension possibilities

- For abnormally high wing weights an additional motor can be added
- Interface connections for internal pilot systems
- Functional modifications of the object

Guideway profile, optimal running characteristics

- With ball-bearing-mounted multiple rollers made of wear-free synthetic material
- With wing suspensions with lateral and height adjustment



1 Basic Kit for 1-wing sliding door

2 Electromagnetic locking mechanism

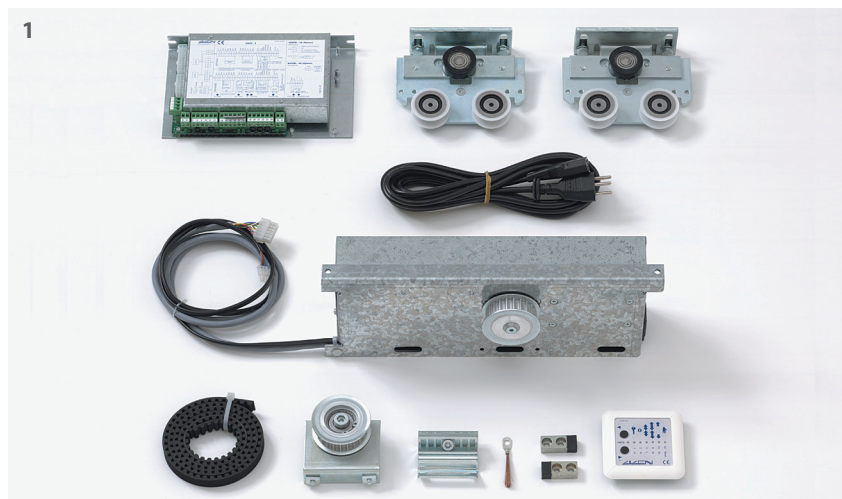
A subsequent installation is possible at any time and with ease. The memorized lock position ensures direct locking of the closed wings

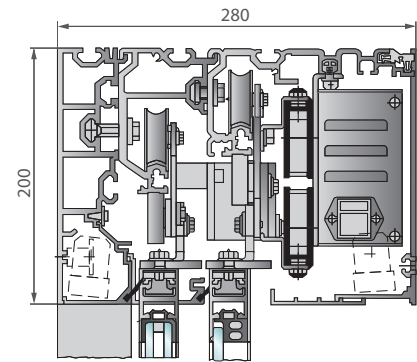
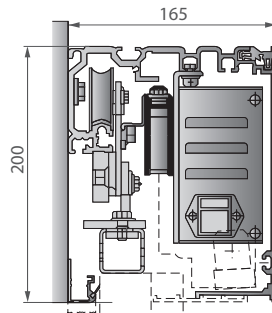
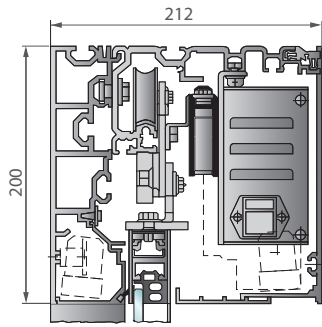
- manual unlocking inside/outside
- monitoring of the door position and the locking
- monitoring of the manual unlocking

3 Long-lasting emergency mode

In the event of a power failure, normal operation can be maintained by the battery (up to 30 minutes)

4 Complementary kit for bi-parting sliding door





Gilgen glass profile system 90

- Sensors for inside or outside mounting
- Suitable for various glass thicknesses between 8 and 20 mm, guaranteeing the required safety distance of 8 mm
- Supporting profile for self-supporting mounting between the door jambs

Mounting against the lintel or direct mounting against the wall

- Adjustable cover for various wing thicknesses
- Hinge type cover

Telescopic door / supporting profile

- Gilgen glass profile system 90
- Sensors are incorporated into the drive case on both sides of the unit
- Supporting profile for self-supporting mounting between the door jambs
- For various glass thicknesses between 8 and 20 mm, guaranteeing the safety distance of 8 mm

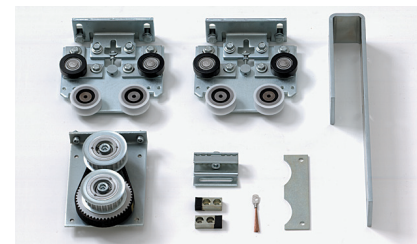


Electronic remote control (BEDIS)

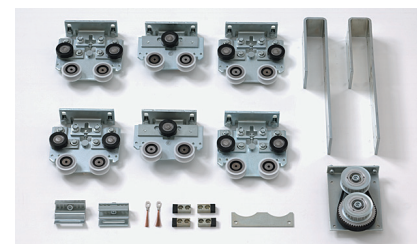
The patented data transmission (two-wire bus system) allows access to a wide choice of options for the selection of programs, adjustment of functions and self-diagnostic display.

The connection with a shielded cable (U72M or DIN 47100 CY) guarantees a reliable functioning up to a distance of 50 m.

- small size
- fits into any standard plug socket
- surface or concealed mounting



Complementary kit for bi-parting telescopic door



Complementary kit for 4-winged telescopic door

Application and opening width

Gilgen Sliding door drive unit		SLM	SLM DUAL
1 wing	clearance width	700 - 3000 mm	
	wing weight	1 x 160 kg	
2 wings	clearance width	800 - 3000 mm	1000 - 3000 mm
	wing weight	2 x 130 kg	2 x 200 kg
2 wings telescopic	clearance width	1100 - 3000 mm	1100 - 3000 mm
	wing weight	2 x 80 kg	2 x 120 kg
4 wings telescopic	clearance width	1400 - 4000 mm	1900 - 4000 mm
	wing weight	4 x 80 kg	4 x 120 kg

Technical data

Power supply from	customer-supplied plug socket	230 V, 50/60 Hz
Connection cable		Length 4 m
Power consumption		SLM = 100 W
Static driving power max.		150 N
SLM DUAL		180 N
Application only in dry rooms		85 %
max. relative humidity of air		
Protection rating		IP 23
Ambient temperature		-15 to +75 °C

TÜV tested

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