

The clever modular system:
Sliding doors SLM-KIT

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



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

Operating programs

The user has the choice of nine programs for the door operation (normal or reduced opening), e. g.:

OPEN the door remains open

AUTOMATIC the door functions

automatically

RED.OPEN the door opens to an individually adjusted distance

EXIT users are allowed to exit but not to enter

NIGHT the door is locked

Access to these functions can be denied to any unauthorized person by means of a code.

Functions, individually adjustable

RESET back to the initial adjustment

Vo opening speed 40 - 100 %

Vc closing speed 25 - 66 %

s opening distance in 5 mm steps

to standard hold-open time 0-10 s

tn extension of hold-open time

0 - 20 s

Additional functions individually selected

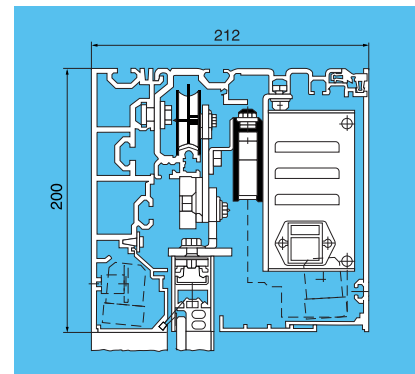
By entering a code, the user can access an additional programming level which enables adjustment of special functions, e. g.:

- EXIT locked or unlocked
- emergency opening/closing by mains power or monitored battery backup
- in the event of a mains failure, only opening or closing
- reversing mechanism, precision or normal adjustment and many others – ask for our detailed information.

Self-diagnostic displays

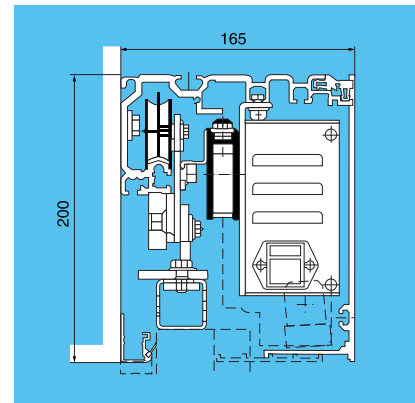
By means of a combination of lighted LED diodes, possible malfunctions are displayed on the remote control panel, e. g.:

- defective drive unit
- defective control module
- defective locking module
- defective photoelectric cell
- defective door monitoring
- power failure/monitored battery backup



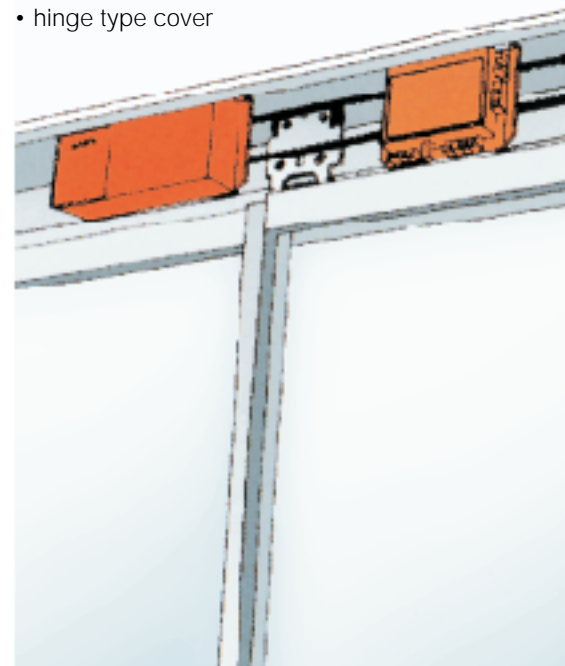
Gilgen glass profile system 90

- 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





Basic kit for 1-wing sliding door

Flexibility in all functions

The design concept uses modular components 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 200 V/50 Hz.

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



Complementary kit for bi-parting sliding door



Reliable 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; extension possible with the following options:

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



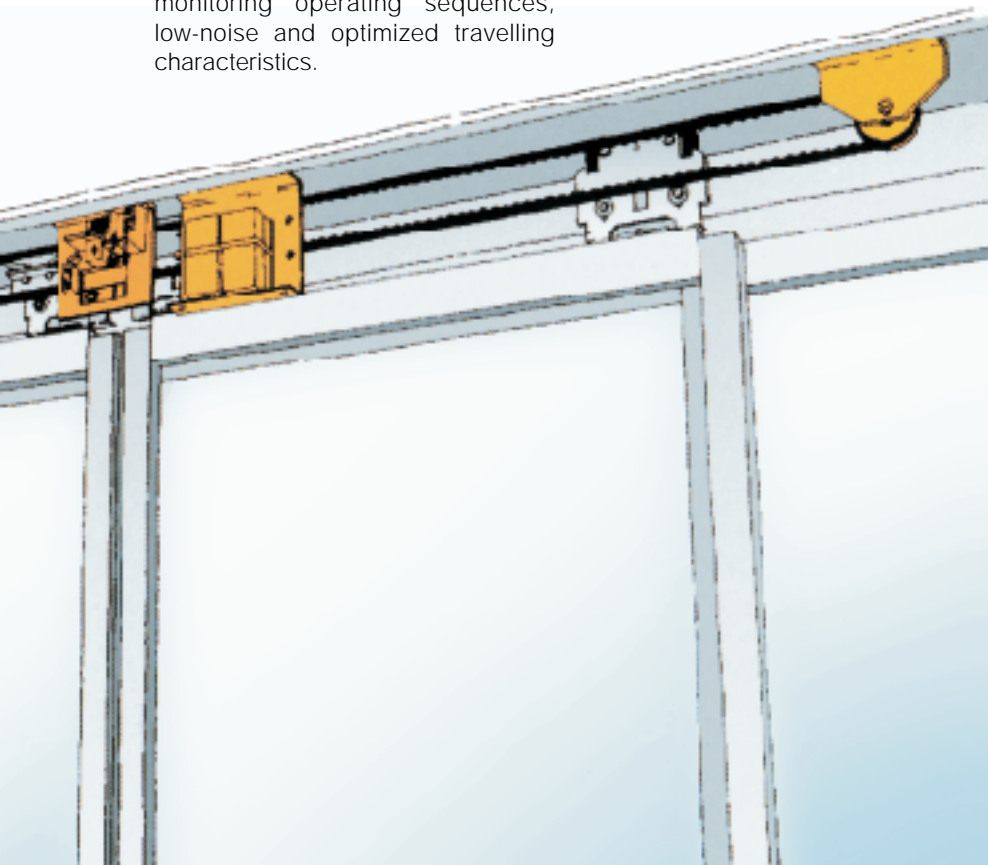
Long-lasting emergency mode

Battery loading system with monitoring of the voltage

- in the event of a power failure, normal operation can be maintained by the battery (up to 30 minutes)
- automatic self-test of the battery condition

With "wake-up" switching

- for one last opening of the locked or unlocked door, after the battery voltage has dropped below a certain level and if the power failure continues

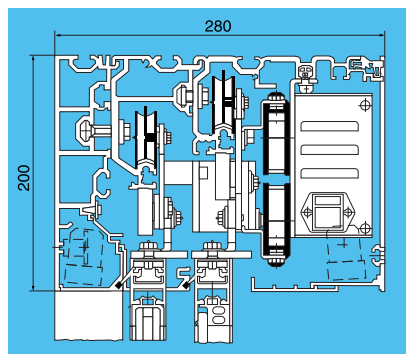


Optimal running characteristics

- 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



Double guideway and supporting profile, telescopic door

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

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	65 %
max. relative humidity of air	
Protection rating	IP 23
Ambient temperature	-15 to +75 °C



Complementary kit for bi-parting telescopic door

- opening to the right or the left



Complementary kit for 4-wing telescopic door

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
- the modular system allows to use any existing wing system
- profile systems, individual flexibility

Application and opening widths

Gilgen Sliding door drive		SLM	SLM DUAL
1 wing	clearance width wing weight	700 - 3000 mm 1 x 150 kg	
2 wings	clearance width wing weight	800 - 3000 mm 2 x 100 kg	1000 - 3000 mm 2 x 150 kg
2 wings telescopic	clearance width wing weight	1100 - 3000 mm 2 x 100 kg	
4 wings telescopic	clearance width wing weight	1400 - 4000 mm 4 x 60 kg	1900 - 4000 mm 4 x 100 kg
Adjustable speeds		0.3 - 0.7 m/s	
Reversing mechanism		possible	
Stopping mechanism		possible	
Locking		possible	
Central locking CLS		possible	
Manual unlocking inside/outside		possible	
Drugstore locking		upon request	
Emergency operation		24 V	
Escape route swing-out		possible	
Escape route redundant		possible	
emergency opening mech. storage element			
redundant radar in escape way direction			
lockable night setting			
Gilgen profile system PS90		possible (LH max. = 2500)	
Foreign wing system		possible	
Continuous floor guide rail 1/2 wing(s)		recommended	
Continuous floor guide rail telescopic		possible	
Special and additional functions		upon request	
TÜV-approved execution		yes	