



## The clever modular system: Sliding doors SLM-KIT

Automatische Türen und Tore  
Portes et portails automatiques  
Porte e portoni automatici  
Automatic doors and gates



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

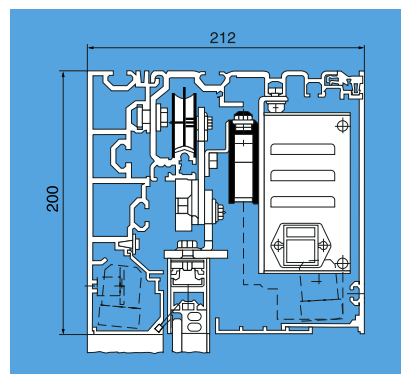
By entering a code, the user can access an additional programming level which enables adjustment of special functions, e. g.:

- 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

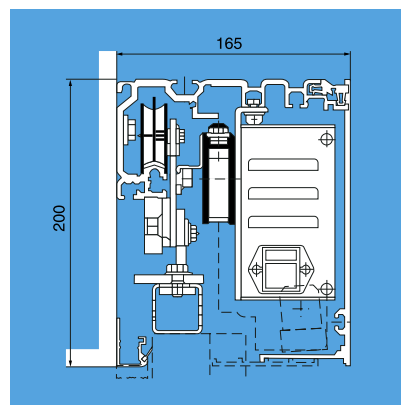
By means of a combination of lighted LED diodes, possible malfunctions are displayed on the remote control panel, e. g.:

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



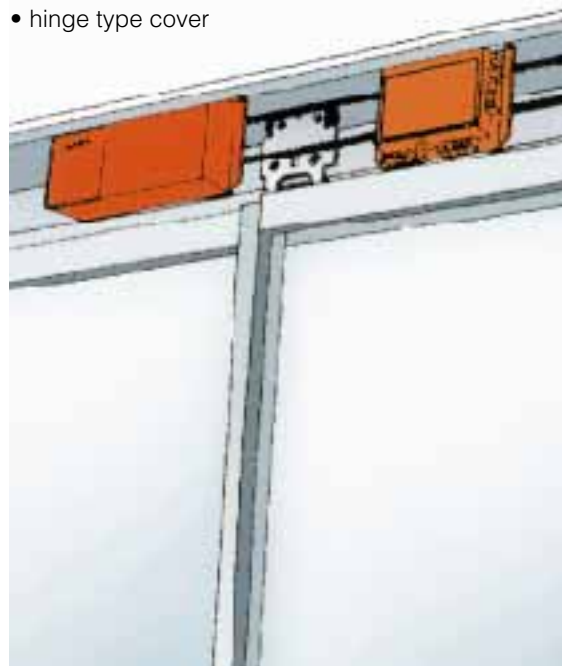
### Gilgen glass profile system 90

- 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

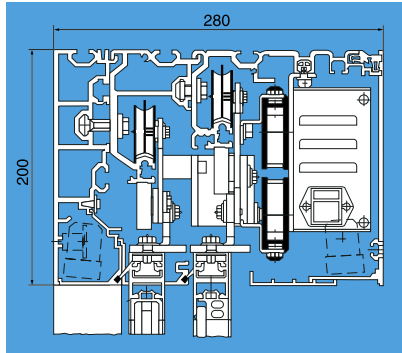


## Optimal running characteristics

- 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

## 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



## Complementary kit for 4-wing telescopic door

- 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	



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