

Automatic sliding door SLA

Innovative. Dynamic. Attractive.



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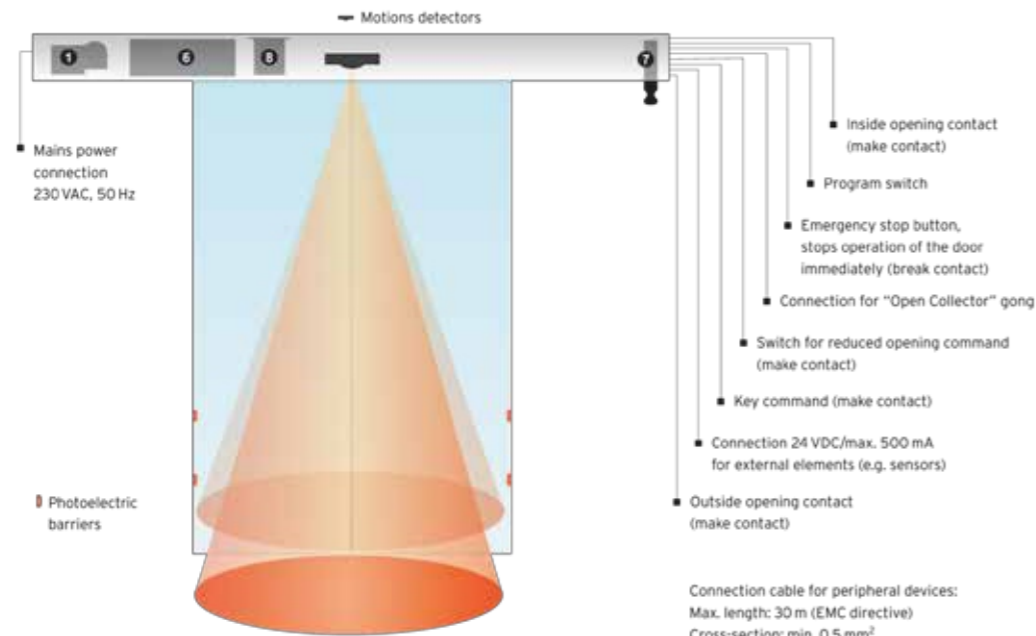
GILGEN
GILGEN DOOR SYSTEMS

شماره ۱۴ د
AMAJ SANAT
آماج صنعت آژده
AUTOMATIC DOOR

Characteristics of SLA drive-system technology



Control devices, motion detectors and push-buttons



Connection cable for peripheral devices:
Max. length: 30 m (EMC directive)
Cross-section: min. 0,5 mm²

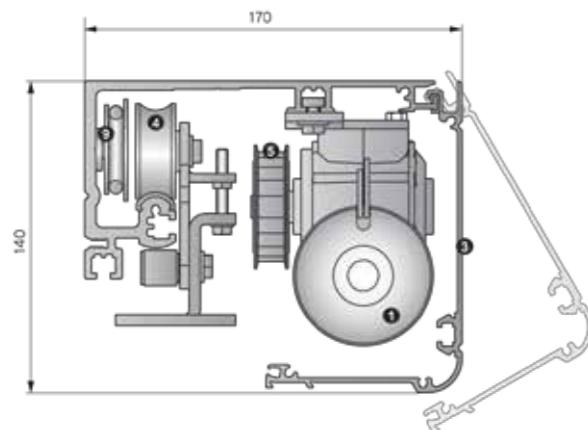
Technical Specifications - SLA

Max. opening speed	0.6 m/s (adjustable)
Max. closing speed	0.6 m/s (mass-dependent, adjustable)
Hold-open time, day: adjustable time until the door closes	0 - 30 s (adjustable)
Mains power connection	230 VAC, 50 Hz or 115 VAC, 50/60 Hz
Stat. drive power	max. 150 N
Protection rating	For use in dry locations only
Power consumption	80 W
Ambient temperature	-15°C to +50°C

Range of application Max. power of the SLA drive system

	Bi-parting	Single-winged
Clearance width LB	900... 3000 mm	700... 2000 mm
Clearance height LH	Optimum 2100 - 2300 mm, maximum 2500 mm	
Max. wing weight	2 x 120 kg	1 x 120 kg
Minimal drive case length gilgen wing systems, tested to DIN 18650 standards	2 x LB + 100 mm	
	PSX, PSA	

For complete door installations, the application limits depend on the used profile system / glazing



Drive-system components

- Compact drive unit** with electronically-controlled door operation, maintenance-free with high performance
- Running profile**
- Covering** simple to secure in hinged-up position
- Running carriage** with three-dimensional compensation for structural tolerances and adjustable door wing suspension, height adjustment to +/- 10 mm, lateral adjustment to +/- 15 mm
- Power transmission via toothed belt**
- Self-teaching microprocessor control system**
Installed in protective housing, with automatic adjustment for optimum dynamic operating performance of door
 - Obstacle detection with automatic return
 - mechanism
 - Locking pressure: 40 N
 - Dynamic power limitation
 - LED-type function and error indicators
 - Prioritised fulfilment of operating commands
 - Weight and path measurement
 - Testing of safety and security elements
 - End-point positioning
 - Rubber-cord detection
 Simple manual adjustment of the following four functions:
 - Closing speed
 - Opening speed
 - Hold-open time
 - Reduced opening
 Selectable default settings with DIL switch
 - Sense of rotation
 - Activation of locking mechanism
 - Tracking adjustment
- Electromechanical locking mechanism** with manual release. Secures the closed door panels. Can be enhanced with a remote manual release function
- Battery pack for emergency operation**
If there is a power failure, the battery pack guarantees interruption-free operation (for about 30 minutes).
Wake-up function: Performs one door opening and leaves it open if the battery becomes discharged before power is restored
- Emergency opening with rubber cord**
If there is a power failure, the built-in rubber cord (France CO 4B) opens the door once and leaves it open

The appropriate control unit for individual applications

Selectable operating modes

Mode	Description	D-Bedix
Automatic	The door opens whenever the opening element generates an impulse. The system is not locked.	✓
Night	The system is locked. The command to open can only be generated by the key-operated switch.	✓
Open	The door opens and stops.	✓
Manual	The system is released. The sliding wings can be moved manually.	✓
Exit	The door functions in "one-way" mode, i.e. only one opening element (e.g. the one on the inside) is activated and triggers the door opening. (Shop closing-time mode). The system is locked.	✓
Summer - Winter mode	Setting the opening width Switch over between summer and winter mode	✓
Adjustable:	Opening speed Closing speed Hold-open time	✓
Display of:	Quantity of cycles Software version Error number	✓



D-Bedix
The polyvalent control device

Motion detectors



The opening of the door is normally triggered by motion detectors designed to detect the presence of persons in the doorway.

Push-buttons



It is also possible to connect such additional elements as push-buttons, contact-free proximity switches and emergency stop buttons.