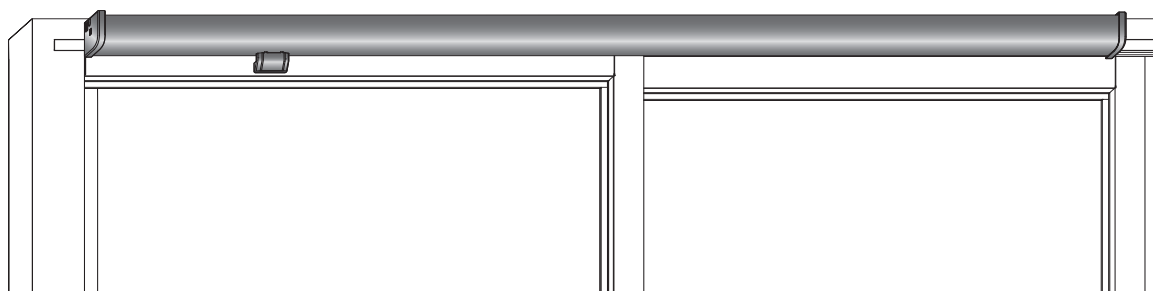


Motorised lift & slide system for schemes A and C



Application

The MHS400 is a motorised lift & slide system for installation on sash profiles and upper frame profiles.

- Suitable for max. sash weight of approx. 400 kg inc. glass pane (per sash for scheme C)
- Scheme A inside frame width (RIB): 1,775 mm – 6,666 mm with symmetrical split (installation on asymmetrical elements on request)
- Scheme C inside frame width (RIB): 3,550 mm – 13,332 mm
- Maximum sash height of 3,300 mm per sash
- Space required at top of frame approx. 45 mm. The slide drive can be moved downwards (dependent on profile)
- Gear square: 10 mm

Function

- The MHS400 allows you to open and close lift & slide elements with ease at the touch of a button.

Features

- Automatic locking/unlocking and movement of lift & slide elements (soft start and stop)
- Motorised night vent and option of a limited opening width
- Jam protection via current limiter – no “deadman's handle” required
- Wheelchair-accessible design and operation in accordance with DIN 18025 and DIN 18030 possible (flat threshold required)
- No restriction on entrance height
- For universal use, regardless of hardware manufacturer
- Plug-and-play principle: unpack – screw on – automatic teach-in – ready for operation
- With infrared remote control
- Simple manual emergency operation in the event of a power failure
- Integrated 24 V power supplies: Plug-and-play ready for retrofitting
- High level of functional reliability: Tested with 400 kg for more than 20,000 switching cycles
- Available in a natural (unpainted) finish so your own coating can be applied – paint finish in all RAL and NCS colours subject to additional charge
- Internationally valid CB certified
- Force limit according to DIN 60335-2-103
- Optional design to meet additional safety requirements, pre-equipped for a light curtain (MHS400-L)

Attention!

In the context of project management, the work of the various trades must be carefully coordinated. If SIEGENIA components are being connected to third-party installations or combined with parts by other manufacturers (e.g. drives and controls), technical compatibility must be verified in advance by authorised personnel (e.g. an electrician). For data collation purposes, the technical data sheets and the original version of the operating instructions must be handed over to the trades involved.

Depending on how the MHS400 is installed, there may be areas with a risk of crushing or shearing under DIN 18650 and BGR 232. A risk or hazard assessment for safety devices to be used must be carried out prior to installation in the planning phase, depending on the individual situation of property or usage (e.g. for persons requiring special protection, commercial property, etc.).

The information contained in ASR A 1.6, VFF data sheet KB.01 as well as EN 12453 for power-operated windows, doors and gates must be observed.



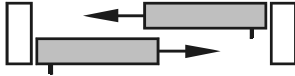
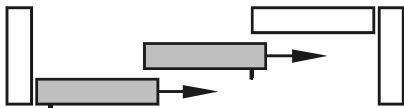




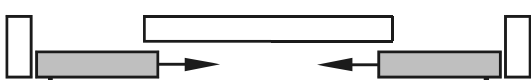

Technical data

Specification for a MHS400	
Supply	120 - 230 V~, 22 W (scheme A), 48 W (scheme C)
Unit operating voltage (power supply integrated in slide drive)	24 V ===
Max. displacement force during sliding operation	Approx. 50 N (depending on sash weight and friction)
Max. torque at square	Approx. 25 Nm
Traverse speed	Approx. 150 mm/s
Operating time: lift drive HA	Approx. 7 s
Temperature range	-5 °C to +50 °C
Jam protection	Electronic overload switch-off (current limiter in accordance with standard)
Protection class	IP20 for dry locations
Connection to AC mains power supply (at factory)	Europlug, cable length 5 m
Connection to AC mains power supply (at installation site) (concealed cable channel)	5 x 1.5 mm ² cable (all-pole safety isolation required)
Connecting terminals	For a max. supply-line cross-section of 2.5 mm ²

Accessories

Material description	Material no.
Jig MHS400 catch	GABB0010-0E5010
Jig MHS400 through hole	GABB0020-0E5010
White rose lock	GZRS0010-096010
Silver rose lock	GZRS0010-025010
White rose lock cover	GZRA0010-096010
Silver rose lock cover	GZRA0010-025010
Additional infrared remote control	GZFB0020-025010
Light curtain (inside/outside)	Available from CEDES GmbH Elzmatten 6, 79365 Reinhausen, Germany

Example applications (HS-PORTAL)

Scheme	Suitable for motorised operation?
A 	✓
C 	✓
D 	✓ 1 sash
E 	- Unsuitable for motorised operation
F 	✓ As for scheme C (front sash only)
G 	✓
G2 	✓
H 	✓ Front sash only
K 	✓ 2 x scheme A
L 	- Unsuitable for motorised operation

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