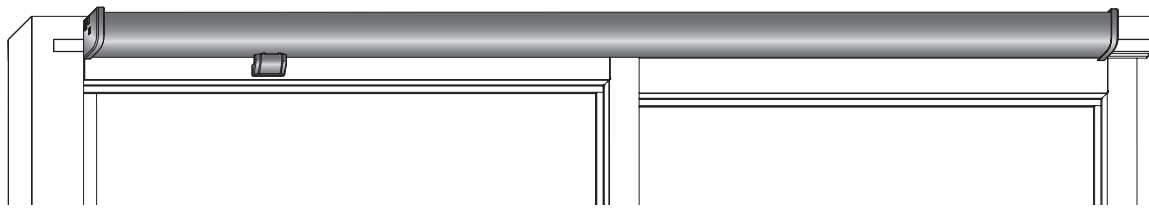


Lift slide drive for scheme A and scheme C



Application

The MHS400 smart is a motorised HS system for installation on sash profiles and upper frame profiles.

- Suitable for max. sash weight of approx. 400 kg incl. glass pane
- Scheme A inside frame width (RIB): 2144 mm – 6666 mm with symmetrical split (installation on asymmetrical elements on request)
- Scheme C inside frame width (RIB): 4284 mm – 13328 mm
- Max. sash height of 3300 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 smart allows you to open and close HS elements with ease at the touch of a button.

Unit properties

- Automatic locking/release and movement of the lift & slide sash (soft start and stop)
- Motorised night vent and option of a limited opening width
- Jam protection via current limiter, “deadman control” is not required
- Wheelchair-accessible design and operation in accordance with DIN 18040 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
- Can be operated with the SIEGENIA Comfort app* as standard
- Optional 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 25,000 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 in accordance with DIN 60335-2-103
- Optional: version with terminal board to meet additional safety requirements (e.g. a light curtain)

*The SIEGENIA Comfort app is compatible with iOS 8.0 or newer, iPhone, iPad and iPod touch, as well as with Android 5.0 or newer.

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 SIEGENIA products are being 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 the installation location of the MHS400 smart, there may be areas with a risk of crushing or shearing under DIN 18650 and BGR 232. A risk or hazard analysis 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 instructions 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!

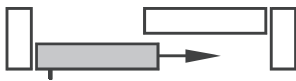

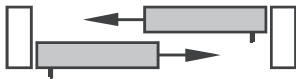
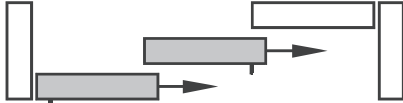






Technical specifications

Specification for a MHS400 smart	
Supply voltage scheme A	120–230 V~, 22 W
Supply voltage scheme C	120–230 V~, 48 W
Device operating voltage (power supply integrated in the slide drive)	24 V DC
Max. displacement force during slide operation	Approx. 50 N (depending on sash weight and friction)
Max. torque at square	Approx. 25 Nm
Traverse speed	Approx. 150 mm/sec.
Operating time of lift drive HA	Approx. 7 sec.
Temperature range	–5 °C to 50 °C
Jam protection	Electronic overload cut-off device (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 clamps	For a max. supply-line cross-section of 2.5 mm ²

Accessories

Material description	Material no.
Jig catch	GABB0010-0E5010
Jig 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
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 	—
F 	✓ As for scheme C (front sash only)
G 	✓
G2 	✓
H 	✓ (front sash only)
K 	✓ 2 x scheme A
L 	—

SIEGENIA®
brings spaces to life

Hardware and ventilation technology
Duisburger Straße 8
57234 Wilnsdorf
GERMANY

Phone: +49 271 3931-0
Telefax: +49 271 3931-172
info@siegenia.com
www.siegenia.com



You can find address details for our international sites at: www.siegenia.com

SIEGENIA worldwide:

Austria Phone: +43 6225 8301
Belarus Phone: +375 17 3121168
Benelux Phone: +32 9 2811312
China Phone: +86 316 5998198
France Phone: +33 3 89618131
Germany Phone: +49 271 39310
Great Britain Phone: +44 2476 622000

Hungary Phone: +36 76 500810
Italy Phone: +39 02 9353601
Poland Phone: +48 77 4477700
Russia Phone: +7 495 7211762
South Korea Phone: +82 31 7985590
Switzerland Phone: +41 33 3461010
Turkey Phone: +90 216 5934151
Ukraine Phone: +380 44 4637979