

Application

The MSA400 smart is a motorised slide drive for installation on sash profiles and upper frame profiles.

- Suitable for max. sash weight of approx. 400 kg incl. glass pane (max. 250 kg per sash for scheme E)
- Scheme A inside frame width (RIB): 1,775 mm – 6,666 mm with symmetrical split (installation on asymmetrical elements on request)
- Space required at top of frame approx. 45 mm. The slide drive can be moved downwards (dependent on profile)

Function

- The MSA400 smart allows you to open and close sliding door elements with ease at the touch of a button.

Unit properties

- Movement of sliding door elements (soft start and stop)
- Jam protection via current limiter, “deadman control” is not 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
- 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
- Can be operated with the SIEGENIA Comfort app* as standard
- Optional infrared remote control
- Optional design to meet additional safety requirements, pre-equipped for a light curtain
- The fitting of an additional locking motor (not included in the scope of delivery) enables automatic locking/release and movement of sliding door elements (soft start and stop)

*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 connected to third-party systems, or SIEGENIA products are combined with parts from 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 MSA400 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!

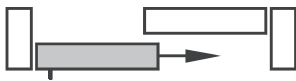

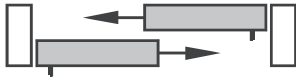
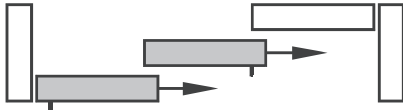



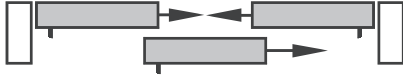


Technical specifications

Specification for a MSA400 smart	
Supply voltage	120–230 V~, 22 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)
Traverse speed	Approx. 150 mm/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
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 	— Unsuitable for motorised operation
D 	✓ 1 sash
E 	✓ Max. 250 kg per sash
F 	— Unsuitable for motorised operation
G 	✓
G2 	✓
H 	✓ (front sash only)
K 	✓ 2 x scheme A
L 	— Unsuitable for motorised operation

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