

Smart rack and pinion drive VS-ZA-i, synchronizable, Modbus

Product page: <https://ventsystems.de/en/product/vs-za-600-i/>

Electric rack and pinion drive with synchronization function and Modbus interface for visible mounting on sash or frame, for tilt and turn windows, pivot windows and skylights.

Technical data

Nominal voltage	24 V DC ($\pm 10\%$), permissible ripple 2 Vpp
Push/pull force	600 N or 800 N
Rated current (800 N)	1.0 A
Locking force	4000 N
Stroke	approx. 100–1000 mm (as selected)
Travel speed	approx. 7 mm/s
Cut-off	electronic
Connection	4 x 0.75 mm ²
Dimensions (L x W x H)	(Stroke + approx. 179.4) x 46 x 36 mm
Degree of protection	IP65
Ambient temperature	-15 °C to +70 °C
Service life	> 10,000 cycles

Features

- Synchronous operation of multiple drives
- Bus connection, also with smoke and heat exhaust ventilation (SHEV) signal
- combinable with locking drive
- Optional weatherproof coating and high-speed function

For smoke and heat exhaust ventilation (SHEV) applications, the drive must be operated with an approved SHEV control panel; the suitability of the combination of window, drive and control panel must be verified for each project.

Supply and install professionally in accordance with the manufacturer's instructions. Electrical connection and cable routing under a separate item.

Manufacturer: Vent Systems, type VS-ZA-i ____ / ____ (force in N / stroke in mm)

Quantity: _____ pcs Unit price: _____ € Total price: _____ €