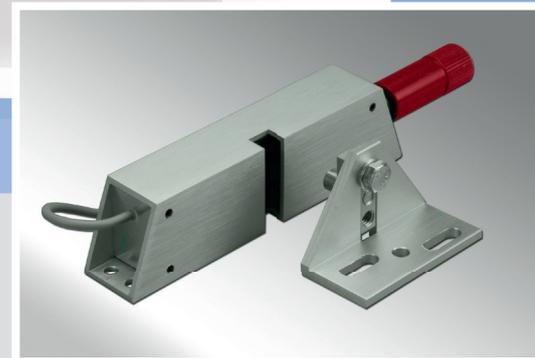
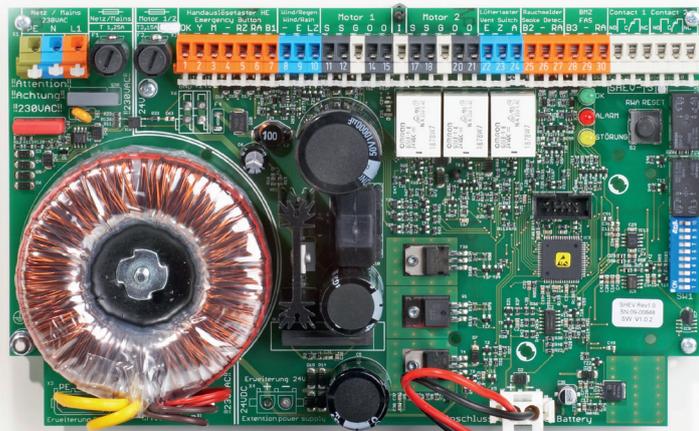


Rauchabzug Smoke Control



Power supply with battery for use
with electromagnetic locks

Compact control unit SHEV® 2 HM



SHEV[®] 2 HM - control unit for electromagnetic locks



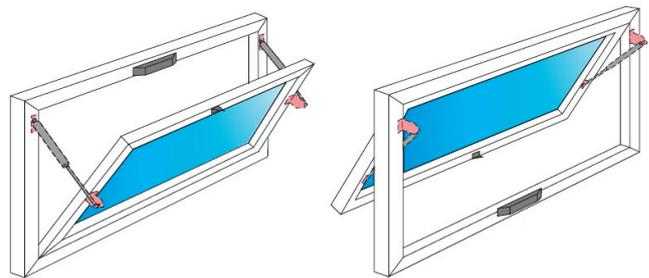
When providing fire protection in buildings there are often requirements for openings in walls or stairwells to be normally kept open or closed but they must also move to their operational position upon activation of the building fire alarm system.

Both options are intended to protect occupants of the buildings, for example by the opening of smoke vents in stairwells or the closing of smoke and fire seals in floors and areas affected by a fire.

Range of application

There is a range of different types of actuators used for the automatic opening and closing of ventilators. Electromagnetic locks are used particularly in applications where gravity or gas/pneumatic springs open or close a door or a sash automatically.

With a constant power supply electromagnetic locks keep the door or sash in a secure position. Should the fire alarm be operated the magnet releases and the system will open or close according to its requirements.



SHE-control unit SHEV[®] according to EN 12101

The SHEV[®] 2 HM for electromagnetic locks is a compact control unit from the SHEV[®] series which are tested to the requirements of ISO 21927-9, prEN 12101-9 and EN 12101-10. Incorporating micro processing technology the panel provides different inputs for various triggering devices such as emergency switches, smoke detectors or the building fire alarm system.

With a constant output current of 2 A / 24 VDC the panel can provide power for an extensive range of electromagnetic locks.

In case of mains failure the integral battery will keep the system operational for 30 minutes.

For use with the SHEV[®] 2 HM the Simon RWA magnetic lock / locking unit EAP-HM which provides a force of 650 N with a current consumption of 0,125 A is recommended.

The SHEV[®] 2 HM is compatible with Simon Link[®] and therefore offers various operational preferences, which can be programmed by the technician on site.



Technical Details SHEV[®] 2 HM

Input voltage	230 V AC
Input current	0,56 A
Output voltage	24 V DC
Output current	2 A constant load
Backup battery time	30 minutes
Connections Triggering Units	Emergency switch, Smoke Detector, Fire Alarm System
Simon Link [®] possible	yes
Additional Outputs	Two volt free contacts
Housing	Plastic housing in grey 254 x 180 x 111 mm

Article overview

ST4 3166	SHEV [®] 2 HM (Control unit for magnetic clamps)
B5 6005	EAP-HM (Magnetic clamp / locking unit)



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