

Escape door kit

Second emergency route



BECKER
Together it's easier.



German state building authorities are calling for new second emergency route solutions

A second emergency route is now mandatory for more and more buildings and can be easily implemented using windows and doors. When using electric drives, a safe solution is therefore required in the event of power failure.

The new Becker escape route solution has a modular design and can be assembled according to individual requirements.

The advantages for you



Quick and easy retrofitting

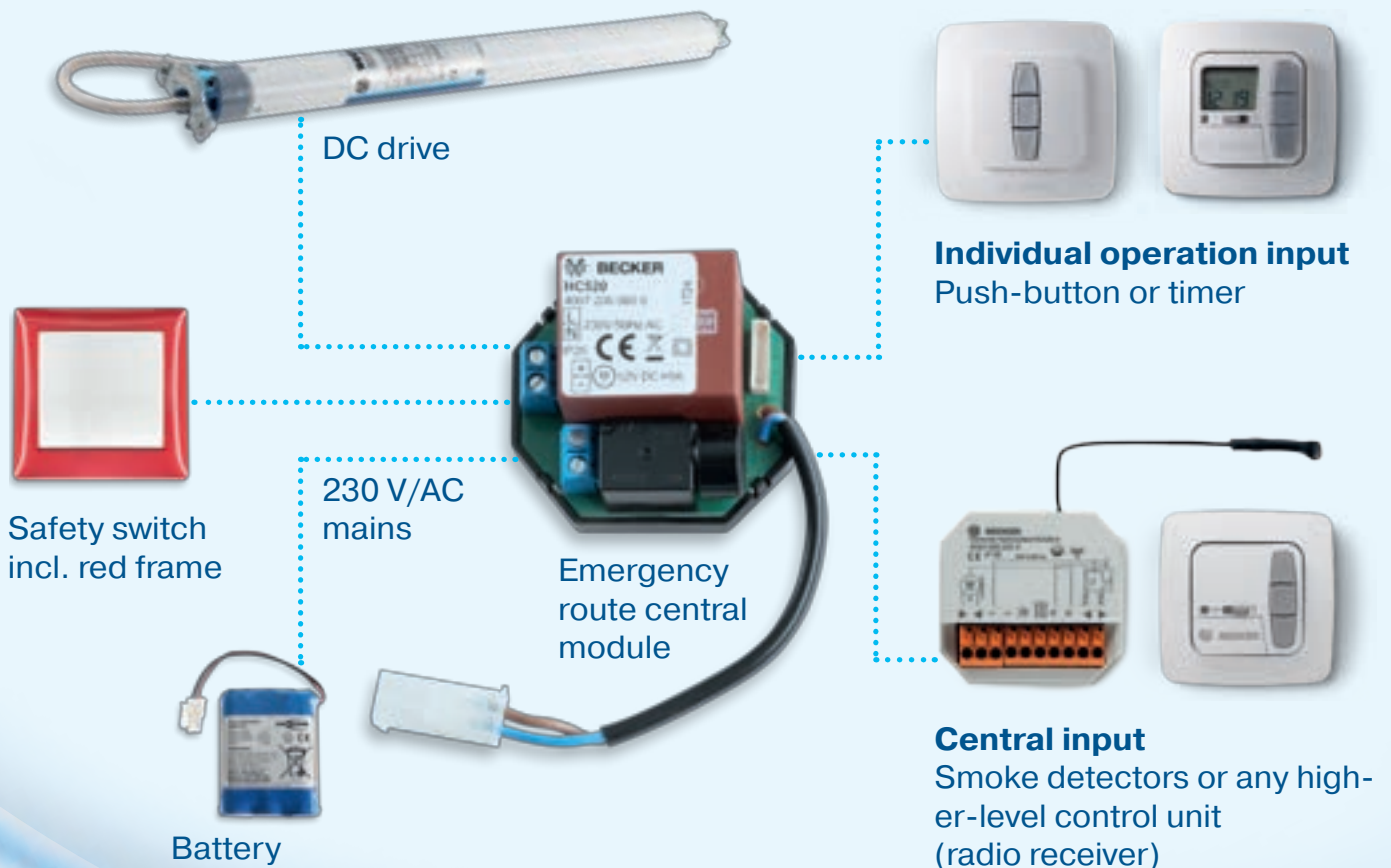


Reliability due to battery buffering for the drive and control unit



Mandatory safety switch in every kit

The Becker escape route solution



Safe solution in the event of power failure

The Becker escape route module enables operation of a roller shutter drive even in the event of mains power supply failure. This is possible due to a lithium-ion battery which is connected to the Becker central module.

Functional description

The battery is fully charged after about ten hours at the mains when mains voltage is present. The battery is protected against overcharge and deep discharge. In the event of the 230 V mains failing, the battery supplies the energy for moving the DC drive. Individual operating buttons, group switches, smoke detectors or other floating control units can be connected to the central module using a supplied cable harness.

- Choice of touch mode or continuous operation
- Maintained operation approx. 180 seconds. Stop by pressing the opposite button
- Battery replacement alarm after 1,000 strokes or after two years
- Battery undervoltage alarm
- Number of travel cycles in the event of mains voltage failure depends on the motor size and the shading solution's running time. There are sufficient safety precautions to enable movement, even after an extended period of power failure
- Charging specifications for the Li-ion battery
- Interface for the individual operation input
- Interface for the central operation input, smoke detectors, etc.
- Can be installed in a flush-mounted electronics box or a double cavity wall box
- Roller shutter timer can be connected instead of individual operating button
- Rated voltage 230 V, 50 Hz, standby power < 300 mW
- Roller shutter drive 12 V/DC, 5 A
- Additional functional reliability due to mandatory safety switch

Escape door kit

HCS520



- On delivery, the shading solution is automatically raised in the event of power failure, e.g. due to a fire
- Blockage detection with reversal in DOWN direction (function can be switched off)
- Additional safety due to mandatory safety switch
- Choice of touch mode or continuous operation
- Connection for on-site operation via push-button
- Connection for central operation, smoke detectors, etc.
- Control unit can be installed in a flush-mounted electronics box or a double cavity wall box
- Timer can be connected
- Can be integrated in Centronic radio system using receivers
- On-site push-buttons, safety switches plus fittings for the drive and control unit are included in the kit's scope of supply

	HCS520 10 Nm
Kit item number	4007 000 026 0
Drive	P10-11-M19
Speed	11 rpm
Nominal current	1.9 A
Operating voltage	12 V/DC
Drive's cable length	3 m
Dimensions in mm	405 x 60 x 6
Drive's degree of protection	IP 44
Control unit's degree of protection	IP 20
Control unit's rated voltage	110-240 V AC / 50-60 Hz
Control unit's switching capacity	5A
Control unit's power consumption	< 0.3 W



DC drive

12 V/DC, with supply line

Item no. 2006 060 012 0



Central module

Control unit, 230 V/AC, incl. interface for DC drive, external operating buttons, smoke detectors and battery

Item no. 4007 000 025 0



Battery

Li-ion battery, 12 V/DC, 2,600 mAh, with connecting plug

Item no. 4807 040 002 6

