



Escape door kit

The escape route solution
from Becker.



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Solutions for the second escape route

Having a second escape route is required for more and more buildings and is easily achieved by using windows and doors. This results in the demand for a safe solution in the event of a power failure when using electric drives. The Becker escape route solution has a modular design and can be assembled according to individual requirements.

The advantages for you

1

Quick and easy retrofitting

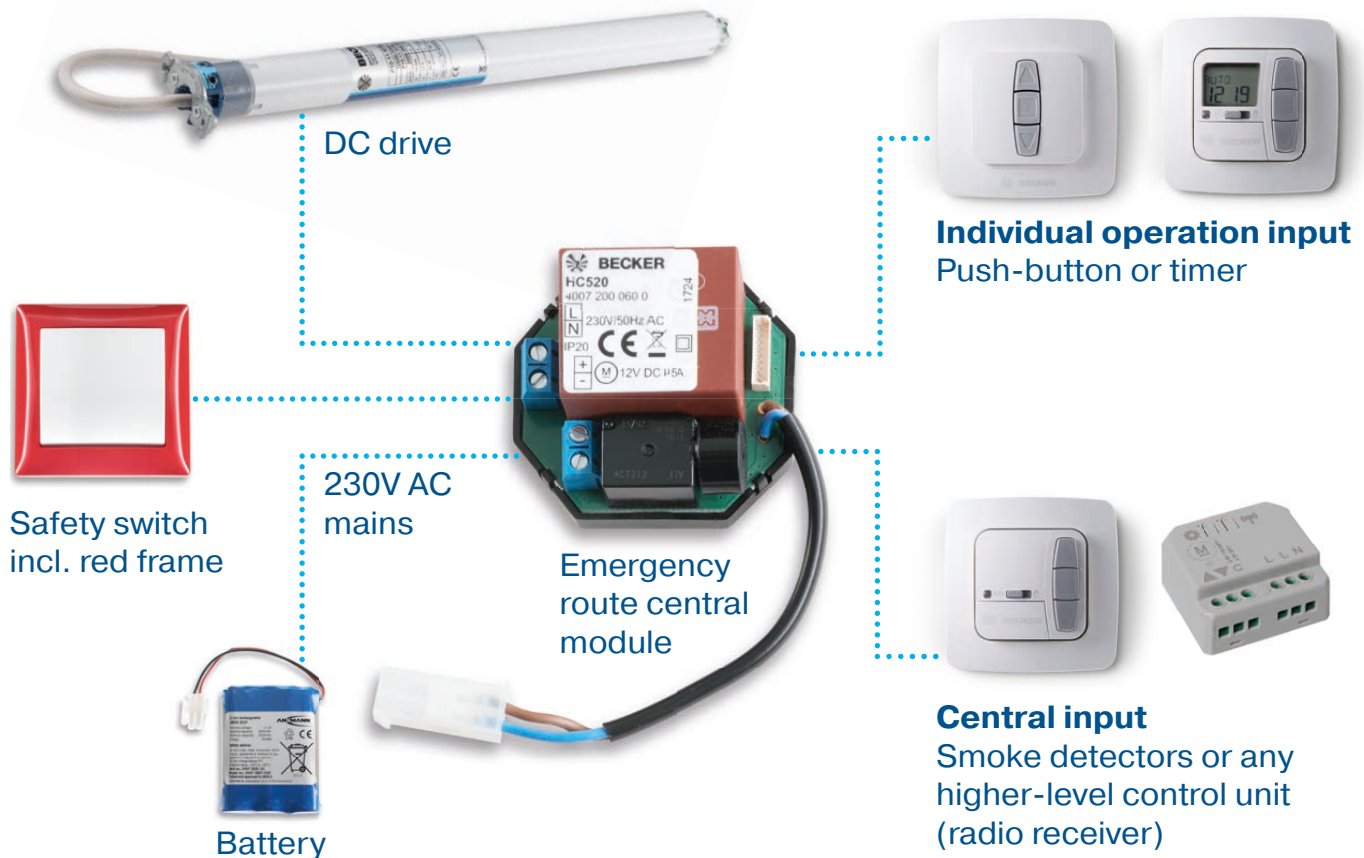
2

Reliability due to battery buffering for the drive and control unit

3

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



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Escape door kit

HCS520

- Enables quick operation, even in the event of a power failure
- Automatic opening of the shading solution in the event of power failure
- Including accessories for installation in the existing barrel
- Additional safety switch in the set
- Optional connection of a higher-level control unit or smoke detector possible
- The control/battery unit mounted in the interior offers easy servicing

	HCS520 10 Nm	HCS520 20 Nm
Kit item number	4007 000 026 0	4007 000 029 0
Drive	P10-11-M19	R20-17-M19
Speed	11 rpm	17 rpm
Nominal current	1,9 A	6,3 A
Operating voltage	12 V/DC	12 V/DC
Drive's cable length	3 m	3 m
Dimensions in mm	405 x 60 x 6	405 x 60 x 6
Drive's degree of protection	IP 44	IP 44
Control unit's degree of protection	IP 20	IP 20
Control unit's rated voltage	110-240 V AC / 50-60 Hz	110-240 V AC / 50-60 Hz
Control unit's switching capacity	5A	5A
Control unit's power consumption	<0,3 W	<0,3 W
Battery capacity	2.600 mAh	3.000 mAh

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DC drive

12 V/DC, with supply line

Item no. (10 Nm) 2006 060 012 0

Item no. (20 Nm) 2020 060 001 0



Central module

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

Item no. (2600 mAh) 4007 000 025 0

Item no. (3000 mAh) 4007 000 028 0



Battery

Li-ion battery, 12 V/DC,

2,600 mAh, with connecting plug

Item no. (2600 mAh) 4807 040 002 6

Item no. (3000 mAh) 4807 040 003 0



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