

# KESO KEK i-handle

KESO KEK i-handle HS and S door fitting with solutions for comfort and security.

New product



# More clearance with KESO's new door fitting solutions:

## KEK i-handle HS (High Security)

The KESO KEK i-handle HS (high security) door fitting solution with ultra slim design is completely network-compatible.

The KESO KEK i-handle HS (high security) door fitting solution is the only mechatronic door set which meets the three most important security standards for burglary protection, emergency exits and fire protection. It is compatible with the entire KEK range and recognises corresponding KEK identification media. Handles or knobs are electro-mechanically controlled. Without access authorisation the outside handle does not engage and the knob or handle will not work. Doors can be opened from the inside without identification media at all times. This extremely durable, sleek fitting is mainly used for tubular-frame doors. All authorisation rights are managed using the KESO Management K4 software and are assigned online or offline. Access authorisation rights for individual users are programmed with well-defined time slots. The fitting is optionally available with a cylinder cutout. A mechanical or mechatronic cylinder is used for emergency opening in such fittings. Alternatively, an emergency power module is available instead of a cylinder. To be used to open the door in an emergency when the batteries are dead.

### Advantages

- Contactless entry using RFID access devices such as a keycard, tag or KEK combi key
- Slim design only 35 mm wide
- Compatible with entire KEK range
- Distinguishes between up to 8,000 identification media
- Easy retrofit
- Management and online programming with KESO K4 software (from version V4.0.27)
- Offline programming with KESO KEK Programmers PPG V2 or USB
- Programmable function for keeping door unlocked
- User-controlled function for keeping door unlocked (office function)
- User-specific, time-restricted access
- Scheduling for public holidays
- Adjustable optical and acoustic signals
- Adjustable timing for opening signal
- Emergency power (option)

### Requirements

Authorisation rights assigned offline via KESO KEK Programmers PPG V2 or USB. Management and programming online and offline via KESO K4 software (from version V4.0.27).

1. The online-compatible fitting is suitable for all tubular framed doors, and using an adapter-plate for composite doors as well.

2. Optional cylinder cutout for mechanical or mechatronic cylinder.

3. KESO identification media are used for contactless unlocking.

### Technical Specifications

- Operating temperature: -20 °C to +70 °C
- Air humidity: 10-95% (non-condensing)
- Power supply: Four 1.5 V alkali manganese cells type LR6 (AA) or 12/24 VDC external feed
- Protection rating: Inside IP30, Outside IP54
- Electronics: KEK electronics inside fitting, antenna in black synthetic casing outside fitting
- Dimensions: 322x35 mm
- Surface: Stainless steel
- Interface: serial
- Standards: ESD/EMC
- Burglary protection test: DIN EN1906, protection class 2
- Emergency exit: Suitable for doors acc. to DIN EN179
- Fire protection: Approved in accordance with DIN 18273

**Item code** EG.712



KEKnet compatible



KEK i-handle HS



# KEK i-handle S (Security)

The KESO KEK i-handle S (security) door fitting solution for easy installation.

The KESO KEK i-handle S (security) door fitting solution is a mechatronic door set for easy installation in indoor areas. It is compatible with the entire KEK range and recognises corresponding KEK identification media. Handles or knobs are electromechanically controlled on the outside. Without access authorisation the outside handle does not engage or the outside knob will not work. Doors can be opened from the inside without identification media at all times. This extremely durable, sleek fitting is mainly used for composite doors. All authorisation rights are managed using the KESO K4 software and are assigned offline. This provides a variety of options for configuring accesses. The door can be programmed to stay unlocked during office hours, for instance, or for user groups who are restricted to a specific time slot.

### Advantages

- Contactless entry using RFID access devices such as a keycard, tag or KEK combi key
- Compatible with the KEK range
- Distinguishes between up to 8,000 identification media
- Easy retrofit
- Management and online programming with KESO K4 software (from version V4.0.27)
- Offline programming with KESO KEK Programmers PPG V2 or USB
- Programmable function for keeping door unlocked
- Function available for keeping door unlocked (office function)
- User-specific, time-restricted access
- Scheduling for public holidays
- Adjustable optical and acoustic signals
- Adjustable timing for the opening signal
- Emergency power supply

### Requirements

Authorisation rights assigned offline via KESO KEK Programmer PPG V2 or USB. Management and programming via KESO K4 software (from version V4.0.27).

1. The fitting is mainly used for composite doors in indoor areas.
2. Contactless operation and serial interface.
3. KESO identification media are used for contactless unlocking.

### Technical Specifications

- Operating temperature: -20 °C to +70 °C
  - Air humidity: 10–95% (non-condensing)
  - Power supply: Three 1.5 V alkali manganese cells type LR03 (AAA)
  - Protection rating: In- and Outside IP54
  - Electronics: KEK electronics inside fitting, antenna in black synthetic casing outside fitting
  - Dimensions: 282x40 mm
  - Surface: Satin Inox, other surfaces on request
  - Interface: serial and KAPI\*
  - Standards: ESD/EMC
- Item code** EG.711

\* KESO Advanced Programming Interface



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KESO AG  
Security Systems  
Untere Schwandenstrasse 22  
CH-8805 Richterswil

Phone +41 44 787 34 34  
Fax +41 44 787 35 35  
[info@keso.com](mailto:info@keso.com)  
[www.keso.com](http://www.keso.com)

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