Electronic furniture locking systems: Hettlock RFID
Electronic furniture locking systems

- Hettlock RFID
- Summary

Hinged doors

Profile steel rods

Drawer

Sliding doors

Glass cabinets

New
## Electronic furniture locking systems

- **Hettlock RFID**

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hettlock keypad lock with RFID 125 kHz</td>
<td>4</td>
</tr>
<tr>
<td>Keypad lock</td>
<td></td>
</tr>
<tr>
<td>Hettlock RFID 125 kHz</td>
<td></td>
</tr>
<tr>
<td>Slam, catch, drawer, sliding door lock</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Glass door adapter</td>
<td></td>
</tr>
<tr>
<td>Hettlock RFID 125 kHz</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>7</td>
</tr>
<tr>
<td>Hettlock RFID 13.56 MHz</td>
<td></td>
</tr>
<tr>
<td>Slam, catch, drawer, sliding door lock</td>
<td>8</td>
</tr>
<tr>
<td>Hettlock RFID 13.56 MHz</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>9</td>
</tr>
<tr>
<td>Hettlock RFID</td>
<td></td>
</tr>
<tr>
<td>Freelocker slam lock</td>
<td>10</td>
</tr>
<tr>
<td>Hettlock RFID</td>
<td></td>
</tr>
<tr>
<td>Freelocker slam lock accessories</td>
<td>10</td>
</tr>
<tr>
<td>Technical information</td>
<td>11</td>
</tr>
</tbody>
</table>
Hettlock RFID
Keypad lock with RFID 125 kHz

- Hettlock case lock with LED keypad, touch display and control unit
- Power-assisted locking
- Supplied without code (free code) or for locking / unlocking by 125 kHz transponder
- Free code easily changes into a fixed code, for locking / unlocking by fixed code or 125 kHz transponder
- Unlocks by fixed code and 125 kHz transponder – double check principle
- A code or a transponder can be programmed in as master code
- Approx. 10,000 locking operations before batteries need changing
- Acoustic and visual signalisation of low battery

Set comprises:
- 1 reader and control unit with integrated locking mechanism
- 1 keypad with LED
- 1 lock adapter
- 1 programming card
- 1 CR123 A 3-volt battery
- Fixing material

Order no. PU
9 163 161 1 set

Fitting situation

*Note: The diagrams show the fitting situation of the Hettlock RFID keypad lock with dimensions.*
Hettlock RFID

- 125 kHz slam, catch, drawer, sliding door lock

### Slam lock RFID 125 kHz

- Reader and control unit with integrated locking mechanism
- Can be used on hinged doors, flaps and drawers (LAD) in furniture
- Can be used as opening mechanism in combination with Intermat hinges with Push to open function
- Locking authorisations for up to 50 transponders per control unit
- RFID chip technology
- Straightforward programming by programming card
- Approx. 20,000 locking operations before batteries need changing
- For optional use with glass door lock, see page 6, or rod immobiliser for hinged doors, see page 9
- Accessories, see page 7
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2134

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
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<tbody>
<tr>
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</tbody>
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### Catch lock RFID 125 kHz

- Reader and control unit with integrated locking mechanism
- Can be used on hinged doors, flaps and drawers in furniture
- Can be used as opening mechanism in combination with Intermat hinges with Push to open function
- Locking authorisations for up to 50 transponders per control unit
- RFID chip technology
- Straightforward programming by programming card
- Approx. 20,000 locking operations before batteries need changing
- Accessories, see page 7
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2135

<table>
<thead>
<tr>
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<th>PU</th>
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<tbody>
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### Drawer lock RFID 125 kHz

- Reader and control unit with integrated locking mechanism
- Can be used in furniture drawers
- Locking authorisations for up to 50 transponders per control unit
- RFID chip technology
- Straightforward programming by programming card
- Approx. 20,000 locking operations before batteries need changing
- Accessories, see page 7
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2136

<table>
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### Sliding door lock RFID 125 kHz

- Reader and control unit with integrated locking mechanism
- Can be used on sliding furniture doors
- Locking authorisations for up to 50 transponders per control unit
- RFID chip technology
- Straightforward programming by programming card
- Approx. 20,000 locking operations before batteries need changing
- Accessories, see page 7
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2137

<table>
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<tr>
<td>9 136 960</td>
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</table>
Hettlock RFID

Glass door lock for 125 kHz

- For converting a slam lock into a glass door lock
- For glass doors, 4 – 6 mm
- Slam lock and aerial must be ordered separately, see pages 5 and 7

Set comprises:
- 1 diverter unit
- 1 bolt sleeve
- 1 strike locking component with support
- 1 Allen key

Order no. | PU
---|---
9 162 440 | 1 set

New

Fitting situation

Side view

View from above

View from below
Hettlock RFID

- Accessories, 125 kHz

**Hettlock RFID external aerial, 125 kHz**

- Additional aerial for external use, e.g. on the outside of furniture
- Required in conjunction with front panel materials or thicknesses that attenuate signal transmission

Set comprises:
- 1 cable, length 1.5 m
- 1 reception aerial
- Fixing material

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<tbody>
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**Hettlock RFID transponder, 125 kHz**

- Passive transponder with RFID system
- Identifies itself in the reach of a reader unit
- Housing: black / grey plastic
- Delivered unprogrammed, programming directly on the lock

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<tr>
<td>9 078 844</td>
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</table>
### Slam lock RFID 13.56 MHz
- Invisible contactless identification for 13.56 MHz Legic Prime and ISO 15693 data carrier systems (Legic Advant, I-Code, Picopass, SkiData, Mifare)
- Reader and control unit with integrated locking mechanism
- Can be used on hinged doors, flaps and drawers (LAD) in furniture
- A super master and a group master card must be ordered for programming, see page 9
- A transponder must be ordered for locking and unlocking, see page 9
- Lock authorisations: maximum of 5 group master cards with 64 transponders each
- RFID chip technology, 13.56-MHz multi-reader
- Straightforward programming by programming card
- Accessories, see page 9
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2139

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### Catch lock RFID 13.56 MHz
- Invisible contactless identification for 13.56 MHz Legic Prime and ISO 15693 data carrier systems (Legic Advant, I-Code, Picopass, SkiData, Mifare)
- Reader and control unit with integrated locking mechanism
- Can be used on hinged doors, flaps and drawers in furniture
- Can be used as opening mechanism in combination with Intermat hinges with Push to open function
- A super master and a group master card must be ordered for programming, see page 9
- A transponder must be ordered for locking and unlocking, see page 9
- Lock authorisations: maximum of 5 group master cards with 64 transponders each
- RFID chip technology
- Accessories, see page 9
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2140

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### Drawer lock RFID 13.56 MHz
- Invisible contactless identification for 13.56 MHz Legic Prime and ISO 15693 data carrier systems (Legic Advant, I-Code, Picopass, SkiData, Mifare)
- Reader and control unit with integrated locking mechanism
- Can be used in furniture drawers
- A super master and a group master card must be ordered for programming, see page 9
- A transponder must be ordered for locking and unlocking, see page 9
- Lock authorisations: maximum of 5 group master cards with 64 transponders each
- RFID chip technology, 13.56-MHz multi-reader
- Accessories, see page 9
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2141

<table>
<thead>
<tr>
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### Sliding door lock RFID 13.56 MHz
- Invisible contactless identification for 13.56 MHz Legic Prime and ISO 15693 data carrier systems (Legic Advant, I-Code, Picopass, SkiData, Mifare)
- Reader and control unit with integrated locking mechanism
- Can be used on sliding furniture doors
- A super master and a group master card must be ordered for programming, see page 9
- A transponder must be ordered for locking and unlocking, see page 9
- Lock authorisations: maximum of 5 group master cards with 64 transponders each
- RFID chip technology, 13.56-MHz multi-reader
- Accessories, see page 9
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2142

<table>
<thead>
<tr>
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<th>PU</th>
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### 13.56 MHz Hettlock RFID transponder

- Passive transponder with RFID system
- Identifies itself in the reach of a reader unit
- Blue / white plastic
- Delivered unprogrammed, programming directly on the lock

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### 13.56 MHz sSuper master card

- For teaching / programming 13.56-MHz locks

<table>
<thead>
<tr>
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<th>PU</th>
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### 13.56 MHz group master card

- For teaching / programming 13.56-MHz transponders
- Max. 5 group master cards with 64 transponders each can be programmed per lock

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<tr>
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<th>PU</th>
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<tbody>
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</tbody>
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### Rod immobiliser for 125 kHz or 13.56 MHz slam lock

- For converting a slam lock into an espagnolette lock
- For accessories, Furniture Fittings and Applications catalogue, page 2225

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>
Hettlock RFID

- Freelocker slam lock
- Accessories

Mifare Classic 1K freelocker slam lock

- For use in cabinets or lockers with hinged doors, e.g. in fitness centres, hotels etc.
- Compatible with Mifare Classic 1K transponders
- Reader and control unit with integrated locking mechanism
- All locks can be programmed with a single programming card; at least one master transponder must then be programmed
- Each lock is then assigned a new transponder with each locking operation
- For planning dimensions see Furniture Fittings and Applications catalogue, page 2144

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<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
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</thead>
<tbody>
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<td>1 set</td>
</tr>
</tbody>
</table>

Mifare Classic 1K programming card

- White plastic

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<th>PU</th>
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<tr>
<td>9 141 862</td>
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</table>

Mifare Classic 1K transponder

- Passive transponder with RFID system
- Identifies itself in the reach of a reader unit
- Plastic, black / white
- Condition on delivery: unprogrammed, for programming by the owner

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<tr>
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<th>PU</th>
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<tbody>
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Mifare Classic 1K transponder with wrist strap

- Plastic

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<thead>
<tr>
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<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
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<td>green</td>
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RFID stands for Radio Frequency Identification. Radio waves are used for identifying a person or object. This makes it possible to open a door without using a key, or pay for a cup of coffee by holding a card near the reader.

With Hettlock RFID, the transponder integrated in a card or fob is held up close to a transmitter, also called a reader. The transmission energy makes the transponder antenna oscillate, releasing a flow of low-level current. This current is sufficient to make the chip emit its ID number, which, in turn, is registered by the reader. This technique can also be used for communicating other data and storing them on the transponder. Hettlock RFID works at 125 kHz, known as low frequency, or 13.56 MHz, known as high frequency. Locks operating at 13.56 MHz can also be integrated in building service systems. Depending on chip type, they have a reach of a few centimetres.