SECURITY LOCKS
WITH ELECTRONIC LOCK MECHANISM
Security lock with electronic key

Transforms a normal lock into a security lock with a coded electronic key. Security system applicable to armoured doors with double-bitted or Euro cylinder locks, with a bar travel between 17 and 20 mm. May be installed above or below existing lock and connected with bar supplied (see installation layout in following pages).

Works in conjunction with the lock, locking/releasing the bar ONLY when the lock is closed. Includes internal knob for manual unlocking, for emergency use ONLY.
Locks with security locking mechanism

“Integrated” locks with copy-protected MMCODE® electronic keys. These locks have both a mechanical and an electronic locking mechanism.

A lower double-bitted or Euro-cylinder type lock.

An upper locking mechanism with electronic transponder key (MMCODE®) that works ONLY when the lower lock is closed, blocking the movement of the bars and locking the door. In emergencies ONLY, the upper locking mechanism may be opened manually from the internal side of the door with the knob supplied.
Power supply

The power supply for all the locking and unlocking functions of the electronic locking mechanism is provided by a battery pack containing two 9 Volt alkaline BATTERIES installed on the door itself or, if preferred, MAINS POWERED.
The transponder “reader” escutcheon supplied together with the lock acts as the interface on the door. This interface receives signals from the transponder when the card or key are simply pressed gently against the button at the centre of the escutcheon itself. Authentication is extremely secure and is based on the exchange of encrypted codes. The escutcheon is available in a choice of following finishes.
Emergency power

If the batteries do not have enough charge, the system may be powered by placing a standard 9V alkaline battery directly against the contacts on the escutcheon, behind the flap with the Mottura logo.

Copy-protected keys

Each lock comes complete with a sealed set containing 3 red TRANSPONDER CARDS, each of which coded differently (001, 002, 003) and a blue OWNER’S CARD for programming, changing codes and requesting duplicate transponder cards.

An optional TRANSPONDER KEY is also available, with the transponder housed in an ergonomic casing.

The system can memorise up to 255 individually coded (001, 002, 003 etc.) TRANSPONDER CARDS/KEYS.
Replacing copy-protected Keys

The system is supplied as standard with 3 differently coded (...001, ...002, ...003) transponder cards/keys. In the event of loss or theft of a key, all the keys in the set may be cancelled and the remaining keys then memorised again to prevent access with the lost or stolen key.

If the system is supplied (on request only) with identically coded transponder cards/keys (...001, ...001, ...001), in the event of loss or theft of a key, a new set of transponder cards/keys, inclusive of a new blue owner's/programming card may be ordered, and the code of the MMCODE® system changed. Changing the code does not require specialized personnel, and consists of a simple procedure carried out on the internal side of the door. This procedure definitively cancels the previous transponder cards/keys memorized.
49.371N
Lock with copy-protected MMCODE® electronic key and provision for security cylinder.
Bolt centre distances: 28/37 mm - Three-point with latchbolt Ø20 mm operated by cylinder and handle
Cylinder and handle backset 63 mm
Round bolts Ø18 mm with 29 mm travel - Bar travel 20 mm
The lock is supplied complete with:
- Wiring with connectors for connection
- Internal and external escutcheons for MMCODE® in brass finish
- Battery case for mounting on door complete with 9V alkaline batteries (PP3 type)
- Knob for manually unlocking from internal side in brass finish
- Sealed envelope containing 3 red TRANSPONDER CARDS and 1 blue OWNER’S CARD for requesting duplicates and programming.
N.B. Cylinder not included.
Available as either right or left handed versions (please specify).

49.971N
Mortise lock with copy-protected MMCODE® electronic key and provision for security cylinder.
Bolt centre distances: 28/37 mm - Three-point with latchbolt Ø20 mm operated by cylinder and handle
Cylinder and handle backset 63 mm
Round bolts Ø18 mm with 29 mm travel - Bar travel 20 mm
The lock is supplied complete with:
- Wiring with connectors for connection
- Internal and external escutcheons for MMCODE® in brass finish
- Battery case for mounting on door complete with 9V alkaline batteries (PP3 type)
- Knob for manually unlocking from internal side in brass finish
- Sealed envelope containing 3 red TRANSPONDER CARDS and 1 blue OWNER’S CARD for requesting duplicates and programming.
N.B. Cylinder not included.
Available as either right or left handed versions (please specify).
49.571N

Lock with double-bitted key
+ MMCODE® electronic locking mechanism, with copy-protected keys
Bolt centre distances: 28/37 mm - Three-point with latchbolt Ø20 mm operated by key and handle / \ 8 - Key and handle backset 63 mm
Round bolts Ø18 mm with 40 mm travel - Bar travel 20 mm
The lock is supplied complete with:
- Wiring with connectors for connection
- Internal and external escutcheons for MMCODE® in brass finish
- Internal and external escutcheons with plastic mount for double-bitted key entry with brass finish
- Battery case for mounting on door complete with 9V alkaline batteries (PP3)
- Knob for manually unlocking from internal side in brass finish
- Sealed envelope containing 3 red TRANSPONDER CARDS and 1 blue OWNER'S CARD for requesting duplicates and programming.
Available as either right or left handed versions (please specify).

49.771N

Mortise lock with double-bitted key
+ MMCODE® electronic locking mechanism, with copy-protected keys
Bolt centre distances: 28/37 mm - Three-point with latchbolt Ø20 mm operated by key and handle / \ 8 - Key and handle backset 63 mm
Round bolts Ø18 mm with 40 mm travel - Bar travel 20 mm
The lock is supplied complete with:
- Wiring with connectors for connection
- Internal and external escutcheons for MMCODE® in brass finish
- Internal and external escutcheons with plastic mount for double-bitted key entry with brass finish
- Battery case for mounting on door complete with 9V alkaline batteries (PP3)
- Knob for manually unlocking from internal side in brass finish
- Sealed envelope containing 3 red TRANSPONDER CARDS and 1 blue OWNER'S CARD for requesting duplicates and programming.
Available as either right or left handed versions (please specify).
Security locking mechanism with MMCODE® electronic protected key
Supplied as standard with:
• Connection rod with adjustable length from 190 to 280 mm
• 2 cables complete with connectors for connection
• Internal and external escutcheons in brass finish
• Battery case for mounting on door complete with 9V alkaline batteries (PP3 type)
• Knob for manually unlocking from internal side in brass finish
• Sealed envelope containing 3 red TRANSPONDER CARDS and 1 blue OWNER’S CARD for requesting duplicates and programming.
• Stud for fastening bar + relative fastener screws and nuts.
Available as right or left handed versions and high or low versions (please specify)

REPLACEMENT KEY SET

**91.185A**
3 red MMCODE® transponder cards
+ 1 blue owner’s/programming card
in sealed envelope.

**91.185B**
3 MMCODE® transponder keys
+ 1 blue owner’s/programming card
in sealed envelope.
## ACCESSORIES

<table>
<thead>
<tr>
<th>Code</th>
<th>Item Description</th>
<th>Image</th>
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<th>Item Description</th>
<th>Image</th>
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</thead>
<tbody>
<tr>
<td>92.308A</td>
<td>TRANSPONDER CARD additional</td>
<td>![Image]</td>
<td>92.308B</td>
<td>TRANSPONDER KEY additional</td>
<td>![Image]</td>
</tr>
<tr>
<td>92.309A</td>
<td>Reserved to MOTTURA Club</td>
<td>![Image]</td>
<td>92.309B</td>
<td>Reserved to MOTTURA Club</td>
<td>![Image]</td>
</tr>
<tr>
<td>99.502</td>
<td><strong>Finish</strong>&lt;br&gt;Bronze&lt;br&gt;Brass&lt;br&gt;Polished Chrome&lt;br&gt;Brass knob with spring return&lt;br&gt;8 for items 36.255/256/265/266 and 45, 49 and 62 series&lt;br&gt;Pack of 5</td>
<td>![Image]</td>
<td>99.657</td>
<td>Toroidal 230/9V 30 VA transformer</td>
<td>![Image]</td>
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<tr>
<td>99.676</td>
<td>Connector cable MMCODE® escutcheons&lt;br&gt;Cable length approx. 450 mm</td>
<td>![Image]</td>
<td>99.677</td>
<td>Ready-wired battery case (BLACK cable) for MMCODE®&lt;br&gt;49.110N - 49.371N/991N&lt;br&gt;Batteries NOT included&lt;br&gt;Cable length approx. 2500 mm</td>
<td>![Image]</td>
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<tr>
<td>99.678</td>
<td>The picture shows the POLISH CHROME finish&lt;br&gt;Connector cable MMCODE®-transformer&lt;br&gt;Cable length approx. 3700 mm</td>
<td>![Image]</td>
<td>99.679</td>
<td>Connector cable MMCODE®-transformer&lt;br&gt;Cable length approx. 3700 mm</td>
<td>![Image]</td>
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### 99.678<br>Codice | Finish<br>99678BR | Bronze<br>99678CR | Chrome<br>99678OT | Brass<br>99678PV | PVD Gold<br>99678AA | Anod. Silver<br>99678CS | Satin chrome<br>Internal/external transponder escutcheon for MMCODE®. Centre body with black finish.