Abloy Oy is one of the leading manufacturers of locks, locking systems and architectural hardware and the world's leading developer of products in the field of electromechanical locking technology.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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CERTIFIED ORGANISATION
ISO 9001    ISO 14001
OHSAS 18001

Made of paper UPM Satin awarded the EU Ecolabel reg. nr FI/11/001.

-40°C
-104°F

EMERGENCY EXIT DEVICES ACCORDING TO EN 179

The following locks and handles are approved to be installed together in an emergency exit door to conform EN 179. The safety features of this product are essential to its compliance with EN 179. No modification of any kind, other than those described in the installation manual, are permitted.

PANIC EXIT DEVICES ACCORDING TO EN 1125

The following locks and push bars are approved to be installed together in a panic exit door to conform EN 1125. The push bars can be installed for example with above mentioned outside fittings (Table EN 179) to conform EN 1125. The safety features of this product are essential to its compliance with EN 1125. No modification of any kind, other than those described in the installation manual, are permitted.

EN179 and EN1125 standards are conformed, when the above mentioned lock is installed with ABLOY® strike plates listed in this brochure. This document may not be used in the installation of a lock. Drilling and wiring diagrams and installation instructions are included in the installation manual, which is included in each lock case package. We reserve the right to make alterations to the products described in this leaflet.
Hi-Security category locks are suitable for fire rated doors and the Public category locks are suitable for exit doors (EN179/EN1125).

Motor lock has two deadlocking bolts: a main motor bolt and a double action bolt. When the door closes and the delay or electrical control is off, both bolts are deadlocked. In case of power failure the bolts can always be operated by the main handle. The locks can be electrically controlled by access control system or by other remote control system such as keypad or push button.

FUNCTION

ABLOY® CERTA Motor lock has two deadlocking bolts: a double action bolt and a deadbolt. The double action bolt is unlocked inside the lock case by motor and the double action bolt is released, when electrical control system is switched off.

Small business
narrow profile doors EL416, MP518
wooden and metal doors EL518, MP518
Public
narrow profile doors EL420, MP520
wooden and metal doors EL520, MP520
Hi-Security
narrow profile doors EL430, MP530
wooden and metal doors EL532, EL532HS, MP532

Also available locks for Swiss cylinder (RZ):
Small business
narrow profile doors EL419, MP519
wooden and metal doors EL519, MP519
Public
narrow profile doors EL422, MP522
wooden and metal doors EL522, MP522
Hi-Security
narrow profile doors EL432, MP532
wooden and metal doors EL532, MP532

When exit by handle is needed, the lock is installed with the double action bolt. When both access and exit are electrically controlled, the lock is installed with bolts on both sides of the door. The locks can be electrically controlled by access control systems or by other remote control systems such as time control, keypad or push button.

The Small Business category locks are suitable for narrow profile doors as well as multipoint lock cases.
- All categories have products for wooden and metal doors and narrow profile doors.
- Narrow profile doors EL420, MP420
- Narrow profile doors EL518, MP518
- Narrow profile doors EL422, MP422
- Narrow profile doors EL522, MP522
- Narrow profile doors EL432, MP432
- Narrow profile doors EL532, MP532

CERTA MOTOR LOCK RANGE

The motor lock range takes these engineering achievements as its starting point, rethinks the motor lock’s role as the first and best guarantee of security in small business, large-scale commercial properties and industrial complexes. Motor lock range consists of products which are designed to be fitted in wooden, metal and narrow profile doors.

APPLICATIONS

ABLOY® CERTA Motor locks are used in the door securing:
- Commercial (store, Mall entrance)
- Security (bank vaults)
- High traffic doors (public)

- All categories have products for wooden and metal doors and for narrow profile doors as well as multipoint lock cases.

Small business
narrow profile doors EL416, MP518
wooden and metal doors EL518, MP518
Public
narrow profile doors EL420, MP520
wooden and metal doors EL520, MP520
Hi-Security
narrow profile doors EL430, MP530
wooden and metal doors EL532, EL532HS, MP532

Abloy electromechanical lock cases are always tested according to the latest versions of the standards.

CERTA MOTOR LOCK CASES

According to concept
- Narrow profile doors EL420, MP420
- Narrow profile doors EL518, MP518
- Narrow profile doors EL422, MP422
- Narrow profile doors EL522, MP522
- Narrow profile doors EL432, MP432
- Narrow profile doors EL532, MP532

 FUNCTION

ABLOY® CERTA Motor lock has two deadlocking bolts: a main motor bolt and a deadbolt. The double action bolt is unlocked inside the lock case by motor and the double action bolt is released, when electrical control system is switched off.

ABLOY® CERTA multipoint locks contain main motor lock on the outside based on a single point lock of the chosen category and two auxiliary locks (either both locks or one auxiliary lock only). All three lock cases have the same form and the locks are controlled by the main lock of the middle.

The locks in categories Small Business (EL418, EL518) and Public (EL420, MP420) can always be operated by manual handle. The inside handle of the locks in Hi-Security category (EL430, EL530, EL530HS) is electrically controlled but in case of emergency or power failure the locks can always be operated by the main handle. Mechanical opening by cylinder is always possible.

CONTROL SWITCH

Momentary (Public and Hi-security):
- When the door closes and the delay or electrical control is off, both locks are deadlocked. In case of power failure the locks are always deadlocked in categories Public (EL420, EL530) and Hi-Security (EL430, EL530HS). In category Small Business (EL418, EL518) the bolt contains two separate positions in case of power failure.

STANDARDS

EN 179 Exit
EN 1222 Partial fail
EN 1125 Fail resistance
EN 1125-4 Fail resistance
EN 1125-4-1 FMX
EN 1125-4-3 EA230 (6m)
EN 1125-4-5 EA281

SCREW FORCES

45 / 50 / 55 / 60

CERTA MOTOR LOCK CASES

Abloy electromechanical lock cases are always tested according to the latest versions of the standards.

THE NEW ABLOY® CERTA MOTOR LOCK RANGE
CONTROL PRINCIPLE AND AVAILABLE MONITORING OUTPUTS

SMALL BUSINESS

PUBLIC

HI-SECURITY

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

DIMENSIONS

For SMALL BUSINESS, PUBLIC AND HI-SECURITY, singlepoint locks

For narrow stile doors For wooden and metal doors

For SMALL BUSINESS, PUBLIC AND HI-SECURITY, multipoint locks

For narrow stile doors For wooden and metal doors

For HIGH-SECURITY LOCK EL532HS

The high security handle set is to be used with EL53200 to obtain the ultimate security. (DH526 Inoxi Security Set)

Minimum door thickness with high security handle set is 64 mm. Handling must be defined when ordering.

The high security handle set is also compatible with other Extra lock covers (for wooden and metal doors) to obtain more security.

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...}

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)

SMALL BUSINESS

PUBLIC

HI-SECURITY

FUNCTION

ABLOY® rethinks the motor lock's role as the first and best guarantee of power failure.

APPLICATIONS

Inside the lock case by motor and the double action bolt is withdrawn. The dead bolt is withdrawn and the double action bolt is...

CERTA

- Installation manual
- Fixing screws etc.
- Lock case

STANDARD DELIVERY

Standard delivery includes:
- Lock one
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:
- Lock type
- Backset
- Forend
- Strike plate

If necessary, spindle adapters)
Hi-Security category locks are suitable for fire rated doors and EN1125 and fire rated doors. The Small Business category locks are suitable for exit doors timecontrol, keypad or push button.

The inside handle. When both access and exit are electrically controlled, the inside handle of the locks in Hi-Security category and Public (EL420, EL520) can always be opened by inside handle. The inside handle of the locks in Hi-Security category (EL432, EL532, EL532HS) is electrically controlled but in case of emergency or power failure the locks can always be opened with the key. The locks in categories Small Business (EL418, EL518) are always deadlocked in categories Public (EL420, EL520) and two auxiliary locks with hook bolts. All three categories share the same forend and the locks are controlled by the main lock in the middle.

- High durability (high traffic doors)
- Security (no handles outside)
- Strength and burglary resistance
- Fire safety, security, convenience and design excellence. The new generation of electric locks rethinks the motor lock's role as the first and best guarantee of safety, security, convenience and design excellence. The new generation of electric locks rethinks the motor lock's role as the first and best guarantee of security, convenience and design excellence.

Electric locks have always offered unsurpassed results in security, convenience and design excellence. The new generation of electric locks rethinks the motor lock's role as the first and best guarantee of security, convenience and design excellence.

**Certification**

- EN 14846   Electrical locks
- EN 12209  Mechanical resistance
- EN 61000-6-3 EMC
- EN 1634-1 Fire resistance
- EN 1125  Panic exit
- EN 179  Exit

**Features**

- Wooden and metal doors EL518, MP518
- Wooden and metal doors EL520, MP520
- Wooden and metal doors EL522, MP522
- Also available locks for Swiss cylinder (RZ): wooden and metal doors EL532, EL532HS, MP532
- For narrow profile doors as well as multipoint lock cases.

**Electrical Requirements**

12 - 18V AC -10%/+15%, RMS
12 - 24V DC

**Monitoring Outputs**

- Bolt out
- Bolt in

**Available Spindles**

- Spindle adapters
- Fixing screws etc.

**Standard Delivery**

- Lock type
- Backset
- Forend
- Strike plate
- Please specify when ordering:

**Design Details**

- Door Closed
- Bolt inside the lock case
- Bolt deadlocked

**Environmental Conditions**

Operating temperature: -20°C...+60°C
Storage temperature: -5°C...+55°C
Relative humidity: from 30 000 N up to 60 000 N

**Electromagnetic Compatibility**

Compliant to the latest European regulations and extensive testing and certification

**Fire Rated**

Compliant to certified fire safety codes and standards

**Security**

High security locks and cylinders

**Design Excellence**

Modern and contemporary design

**Performance**

High performance and reliability

**Durability**

Robust and long-lasting

**Accessibility**

User-friendly design

**Ease of Use**

Convenient and intuitive operation

**Product Features**

- Adjustable lock backsets
- Standard and custom strike plates
- Customizable control options
- Programmable access control
- Emergency override function
- Audible and visual indicator
- Multiple door control
- Remote monitoring capabilities

**Technical Details**

<table>
<thead>
<tr>
<th>Small Business</th>
<th>Public</th>
<th>Hi-Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMBINATION</td>
<td>LED</td>
<td>TRIGGER LOCK</td>
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<tr>
<td>ACCESS CONTROL</td>
<td>RAMMED</td>
<td>BRUSHED STAINLESS STEEL</td>
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<td>CABLE</td>
<td>STRIKE PLATES</td>
<td>STRIKE PLATES</td>
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<td>Spindle</td>
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<td>Spindle</td>
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<td>EA332**</td>
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* For further information, please contact ABLOY Inc. ** (depending on doors)
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ABLOY
EA321
152
170
20
2
8

EN 1125 standards are conformed, when the above mentioned lock is installed with ABLOY® strike plates listed in this brochure. This document may not be used in the installation of a lock. Drilling and wiring diagrams and installation instructions are included in the installation manual, which is included in each lock case package. We reserve the right to make alterations to the products described in this leaflet.

Profile door locks
EL418
EL420
EL419
EL422
Wooden and metal door locks
EL518
EL520
EL519
EL522

StRIKE PLATES

*Handing must be defined.
The safety features of this product are essential to its compliance with EN 179. No modification of any kind, other than those described in the installation manual, are permitted.

**EMERGENCY EXIT DEVICES ACCORDING TO EN 179**

The following locks and handles are approved to be installed together in an emergency exit door to conform EN 179.

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<th>Profile door locks</th>
<th>PHOS</th>
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<th>WIRE</th>
<th>MOD</th>
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The following locks and push bars are approved to be installed together in a panic exit door according to EN 1125.

<table>
<thead>
<tr>
<th>Profile door locks</th>
<th>LP764</th>
<th>LP781</th>
<th>COMB</th>
<th>H102</th>
<th>H106</th>
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The safety features of this product are essential to its compliance with EN 179. No modification of any kind, other than those described in the installation manual, are permitted.

**PANIC EXIT DEVICES ACCORDING TO EN 1125**

The following locks and push bars are approved to be installed together in a panic exit door to conform EN 1125. The push bars can be installed for example with above mentioned outside fittings (Table EN 179) to conform EN 1125.

The following locks and handles are approved to be installed together in an emergency exit door according to EN 1125.

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The safety features of this product are essential to its compliance with EN 1125. No modification of any kind, other than those described in the installation manual, are permitted.

EN 179 and EN 1125 standards are conformed, when the above mentioned lock is installed with ABLOY® strike plates listed in this brochure. This document may not be used in the installation of any kind, other than those described in the installation manual. We reserve the right to make alterations to the products described in this leaflet.