ABLOY® EFEND
New name for security
ABLOY is now available in ANSI door environment.

OPTIONS FOR EVERY NEED

Inclusive product range includes both electric and mechanical locking solutions and high performance components to all critical points of door environment.

UNBREAKABLE CORE

Maximum security with unique ABLOY disc cylinder – The durable heart of ABLOY locks.
**DOOR CLOSERS**

Door Closers protect door constructions by controlling the opening and closing actions of the door. Energy is saved and security increased.

**EXIT DEVICES**

Exit Device keeps the door closed and locked from the outside but allows for hands-free, convenient exit from the inside. An alternative to lockcase and lever handle pair.

**LOCKCASES**

Mortise mounted lockcase keeps the door secured and is visually pleasing.

**CYLINDERS**

Prevents the lock from opening without the correct key.

**ACCESSORIES**

Correct Accessories guarantee well functioning door environment with long lifetime.
The high security lock with electric lever handle control EL570 is used especially in situations where the advantages of handle-controlled unlocking have to be combined with the mechanical security requirements.

Tested according to ANSI 156.13 Grade 1
UL listed, 3 hour fire rating

**FEATURES**

- Backset 70 mm (2-3/4")
- Mechanical automatic deadlocking
- Non handed, left / right
- Exit side can be changed over
- Can be changed between fail-unlocked & fail-locked
- Dead bolt with 25.4 mm (1") throw
- Exit function by inside handle
- Suitable for fire doors
- Controllable external handle
- Mechanical override with cylinder from outside
- Monitoring functions
  - Door closed
  - Dead bolt and latch dead locked
  - Handle indication, inside and outside handle
- Forend: satin chrome
- Compatible with ABLOY cylinder CY402

Available also as EL571 where both lever handle sides are electrically controlled.

Lever handles DH004 are ordered separately. Available in stainless steel (fire doors), chrome and satin chrome finishes.
ABLOY EL410 is fail locked type lock. The door can be opened by pushing or pulling when electric control is switched on. When electric control is switched off, the lock can be operated by key from outside and by handle from inside.

UL listed

FEATURES

- Backsets 24.6 mm (31/32") and 28.6 mm (1-1/8")
- Mechanical automatic deadlocking
- Bolt throw 16 mm (5/8")
- Monitoring functions
  - Unlocked/locked
- Forend: satin chrome
- Compatible with ABLOY cylinder CY402 and e.g. Adams Rite handle/paddle

Available also as EL411 which is fail unlocked type.

Compared to other solutions like magnet locks or electric strikes, electric locks give long-lasting security that will not wear out. Still electric locking provides ultimate mechanical strength but uses power only while opening.

WITH ABLOY ELECTRIC LOCKS YOU GET

1. Complete solution
2. Energy saving
3. Safety with standards approvals
4. Aesthetic appearance
5. User friendliness
6. More functions
High quality and performance lockcases with long lifetime.

ANSI 156.13 Grade 1
UL listed, 3 hour fire rating

TECHNICAL FEATURES

- Backset: 2-3/4”
- Forend: Adjustable stainless steel backplate (32D)
- Deadbolt: Stainless steel with hardened roll pins, 1” throw
- Latch: Solid stainless steel with antifriction latch lever, 3/4” throw (reversible)
- Auxiliary Deadlatch: 1/2” throw (reversible)
- Easy change of handing
- Compatible with ABLOY cylinder CY402

Comes with stainless steel (32D) lever handle set.
Two lever handle and trim options.

AVAILABLE FUNCTIONS

<table>
<thead>
<tr>
<th>F01 Passage</th>
<th>F09 Entrance</th>
</tr>
</thead>
<tbody>
<tr>
<td>F02 Bathroom</td>
<td>F13 Dormitory</td>
</tr>
<tr>
<td>F04 Office</td>
<td>F17 Deadlock</td>
</tr>
<tr>
<td>F05 Classroom</td>
<td>F20 Apartment</td>
</tr>
<tr>
<td>F07 Storeroom</td>
<td>F22 Privacy</td>
</tr>
</tbody>
</table>

If you don’t find the needed function from above, please contact your local Abloy representative for further information.
SERIES MECHANICAL CYLINDRICAL LOCKS

LC7000

Most durable cylindrical lever locksets with smooth operation.

ANSI 156.2 Grade 1
UL listed, 3 hours fire rating

TECHNICAL FEATURES

- Backset: 2–3/4”
- Door thickness: 1–5/8” – 1–7/8”
- No plastic parts
- Over 3,000,000 continuous cycles
- Compatible with Abloy cylinder CY406
- Satin chrome finish (26D)

Three lever handle design options.

AVAILABLE FUNCTIONS

<table>
<thead>
<tr>
<th>F75 Passage</th>
<th>F82A Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>F76 Privacy</td>
<td>F84 Classroom</td>
</tr>
<tr>
<td>F81 Entry</td>
<td>F86 Storeroom</td>
</tr>
</tbody>
</table>

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All ABLOY locks are based on the unique operating principle of rotating detainer discs. With no springs or pins to wear, jam or freeze, the mechanism provides a smooth and reliable functionality, excellent resistance against physical attack and maximum resistance to hostile and severe environments.

ANSI door cylinders used with ANSI North American type locking solutions are available with cylinder system ABLOY PROTEC\(^2\), ABLOY NOVEL and ABLOY PROTEC. Several alternative finishes.

**ABLOY PROTEC\(^2\) FEATURES**

- Great master keying possibilities
- Durable and long lasting
- Pick proof and bump proof
- Discs and washers: tin bronze
- Number of discs: 11

### RIM AND MORTISE CYLINDERS

**CY402T, CY403T, CY415T**
- UL437 listed
- Cylinder housing: case hardened steel

**CY404T, CY405T**
- Cylinder housing: brass

### INTERCHANGEABLE CORE CYLINDERS

**CY416T**
- Same dimension as Yale LF large format
- Separate housing CH015 available

**CY419T**
- Same dimension as Schlage LF large format
- Separate housing CH032 available

### KNOB TYPE CYLINDERS

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>TAIPECE APPLICATION</th>
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<tbody>
<tr>
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<td>801084 (C)</td>
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<td>CY413T</td>
<td>800936</td>
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</table>
SERIES TUBULAR DEADBOLTS

The name indicates it all. It is a reliable locking solution for example for apartments, offices and storerooms. Want to play it safe – choose ABLOY deadbolts.

UL listed products
- UL burglary
- UL 20 min fire

FEATURES
- Case hardened stainless steel cylinder housing
- Rotating collar
- Optional key lockable thumbturn
- 6 mm steel retaining screws
- High security bolt
  - Hardened steel with 2" length
  - 1" (25.4mm) throw
- Reinforced steel strike box
- Protective bolt shield
- Several alternative finishes
Rely on the security and safety with PBE9900 series exit devices. They are economical, easy to install, and fulfill relevant panic exit and fire standards.

**RIM MOUNT**

ANSI 156.3 Grade 1
UL listed, 3 hour fire rating
Features
- 1-3/4” thick standard doors
- With roller strike
- Latch bolts ¾” and 5/8”
- Stainless steel finish (32D)
Product code PBE9900
Also available with vertical rods (PBE9910)

**EXTERIOR TRIMS**

Lever handles are available with rose (satin chrome) and long plate escutcheons (stainless steel).
- LH901 Entry
- LH902 Storeroom
- LH903 Passage
- LH904 Dummy trim

Door Pulls
- LH910 Vandal pull
- LH911 Vandal pull with cylinder hole
- LH912 Finger pull

**CYLINDRICAL DOGGING KIT**

- LH920 Dogging kit for 36” device
- LH921 Dogging kit for 48” device
MORTISE MOUNT

ANSI 156.3 Grade 1
UL Listed, 3 hour fire rating
Features
• Includes mortise lockcase
• 1-3/4" thickness standard doors
• Strike ANSI 4 7/8"
• Latch bolt ¾”
• Handing reversible
• Stainless steel finish (32D)
Product code PBE9300
Also available as electric version PBE 9302 with field reversible fail secure/safe. Power loss or signal from fire command center releases failsafe device immediately.

ELECTRIC LATCH RETRACTION

Features
• Momentary or maintained latch bolt and push pad retraction
• Automatic re-triggering of latch retraction
Product code PBE9901

EXIT ALARM

Features
• 9V battery powered
• Visual and audible On/Off status
• 15/60 sec arming delay
Product code PBE9903

DELAYED EGRESS

Wall mounted delayed egress with keypad and electrified exit device.
Features
• Reset, sustained bypass and momentary bypass
• Audible alarm voice release time, warning or safety message
• Visual display countdown, locked/unlocked, egress executed
Product codes PBE9907 and PBE9908 (w/ key switch)
ABLOY door closers protect door environment by controlling the opening and closing actions of the door. Reliable performance over a wide operational temperature range improves the energy efficiency of the building and increases the security. ABLOY door closers are suitable for use in fire doors, emergency exit doors, exterior and interior doors, whether they are access controlled or not.

**DC250**

ABLOY DC250 is non-handed cam action door closer which is easy to install. Thanks to the cam construction the door remains light to open, yet in terms of closing force it is strong enough for heavy duty applications.

- Maximum door weight is 120 kg and door leaf width 1400 mm with sliding arm installation.

  - UL listed, CE certified
  - Adjustable closing force size EN 1-6 with sliding arm according to EN1154
  - Operating temperature range: -15°C...+45°C
  - Easy adjustment of arm height (14 mm)

**DC240**

ABLOY DC240 door closer is suitable for external doors, large doors and interior doors exposed to conditions of pressure and heavy use.

- Maximum door weight is 120 kg, and door leaf width 1400 mm with standard arm. With sliding arm installation maximum door weight is 80 kg and door leaf width 1100 mm.

  - UL listed, CE certified
  - Adjustable closing force size EN 2-6 with standard arm, and EN1-4 with sliding arm according to EN1154
  - Allows door to open 180 degrees
  - Wide operating temperature range: -35°C...+45°C
  - Easy adjustment of arm height (14 mm)
HINGES

Stainless steel SS304
Available in sizes
- 102x76x3 mm
- 102x102x3 mm
- 114x114x3.5 mm

Product code TB155

POWER TRANSFER HINGE

Installed in the center hinge position of the door. Provides concealed wires required between the door and the frame, for the purposes of powering and monitoring of Electric Lock.
UL listed, 3 hour fire rating
Features
- 4.5”x4.5” steel
- 10 conductors, 5 ft wire cable
- 500,000 cycle tested
Product code EA911

POWER TRANSFER LOOP

Frame mortised steel dust box with flexible steel loop and chrome finish.
Recommended to use with hollow metal frames.
UL listed, 3 hour fire rating
Product code EA901
**FLUSH BOLTS**

Available for wooden and metal doors.

Features
- Manual lever operation
- Stainless steel finish, wooden door model also as PVD coated

Product code TB140

**DUST PROOF SOCKETS**

Prevents accumulation of dust or dirt in the bore of the strike

Stainless steel and brass finish

Product code TB130

**DOOR STOPPERS**

For floor and wall mount

Stainless steel and brass finish

Product code TB120
PLATES

KICK PLATE

910x200x1,5 mm
Stainless steel and brass finish
Product code TB165

PUSH PLATE

300x100x1,5 mm
Stainless steel finish
Product code TB180
ABLOY secures people, property, and business operations on land, at sea, and in the air – in all circumstances.

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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