

Generic Model: ABLOY EL560 Series
 Type: Electromechanical Lock Case –
 Solenoid/Handle Control

1. Unique identification code of the product-type:

Brand	ABLOY
Model(s)	EL560 Series
Part Number / identifier	EL560-100150 EL560-100160
Bar code	
Description/Type	Electromechanical Lock Case
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

2. Product description and its intended use(s)

The ABLOY EL560 Series Lock Cases are handle controlled locks that are suitable for medium traffic doors. They can be used in exit doors and fire rated doors, as well as in interior doors of various premises. The locks can be switched between fail-locked and fail-unlocked states and can be electrically controlled by an access control system or a remote-control system. The outside handle is electrically controlled, while the inside handle can always open the lock. Mechanical opening by cylinder is also possible.

The intended use of the ABLOY EL560 Series Lock Cases is to provide security and convenience for the users, as well as to comply with emergency exit requirements. The locks are designed to be durable, reliable, and easy to install and operate. The locks are compatible with the Euro profile mortise standard and can be integrated with various ABLOY key systems and accessories.

Mortise standard: Europrofile

Installation type: Mortise

Locking Points: Single point

3. Place of Manufacture:

Place of Manufacture

Aotearoa New Zealand

Overseas, see manufacturer section for details

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4. Legal and trading name of the manufacturer(s):

ABLOY Oy

Address for Service

Street name and number	Wahlforssinkatu 20
Suburb	
Region/state	80100 Joensuu
Country	Finland
Post code	
Website	www.abloy.com
Email	<i>core@abloy.com</i>
Phone	+358 20 5992501
Business number	0774324-5

5. Legal and trading name of the importer (if applicable):

ASSA ABLOY New Zealand Ltd

Address for Service

Street name and number	6 Armstrong Road
Suburb	Rosedale
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	https://www.assaabloy.com/nz/en
Email	<i>nzsales@assaabloy.com</i>
Phone	+64 (0) 9 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

Standard	Clause(s)
Building Regulations 1992	Clause B2 – Durability. B2.3.1 Clause C4 – Movement to place of safety (C4.2) Clause D1 - Access routes

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7. Statement on how the building product is expected to contribute to compliance.

B2.3.1 (c) – EL560 Series Lock cases are tested to ensure they exceed the normal use over a 5 year period and any failure of the product would be easily detected and is easy to replace.

C4.2 – EL560 complies with this section by allowing the door to be always opened by the key, the interior thumb turn.

D1 - The ABLOY EL560 a suitable and reliable lock for access routes that enable people to move safely and independently around buildings.

EN1126:2006

Essential Characteristics	Grade	Performance	Harmonized technical specification
7.1 Category of use	3	High frequency of use where there is little intensive to exercise care	EN 1125:2008
7.2 Durability	7	200 000 test cycles	
7.3 Door mass	6	Up to 200 kg	
7.4 Suitability for use on fire/smoke doors	B	Suitable for use on fire door assemblies based on a test in accordance with EN 1634-1	
7.5 Safety	1	All panic exit devices have a critical safety function	
7.6 Corrosion resistance	3	96 h (high resistance)	
7.7 Security	2	1000 N	
7.8 Projection of horizontal bar	1	Projection up to 150 mm (large projection)	
7.9 Type of horizontal bar operation	A	Panic exit device with "push-bar" operation	
7.10 Field door application	B	Single door only	
Dangerous substances	The materials used in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.		

EN179

Essential Characteristics	Grade	Performance	Harmonized technical specification
7.1 Category of use	3	High frequency of use where there is little intensive to exercise care	EN 179:2008
7.2 Durability	7	200 000 test cycles	
7.3 Door mass	6	Up to 200 kg	
7.4 Suitability for use on fire/smoke doors	0 / B)	Not suitable for use on fire door assemblies / Suitable for use on fire door assemblies based on a test in accordance with EN 1634-1	
7.5 Safety	1	All emergency exit devices have a critical safety function	
7.6 Corrosion resistance	3	96 h (high resistance)	
7.7 Security	4	3 000 N	
7.8 Projection of operating element	2	Projection up to 100 mm (standard projection)	
7.9 Type of operation	A	Emergency exit device with "lever handle" operation	
7.10 Field of door application	B	Outwardly opening single exit door only	
Dangerous substances	The materials used in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.		

8. Limitations on the use of the building product:

Non-compliant for Fire Door use in New Zealand. Please check with the fire door manufactures to confirm their approved products list Only accepts Euro profile DIN Style Cylinders

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9. Design requirements that would support the appropriate use of the building product.

The ABLOY EL560 is a handle-controlled solenoid lock that can be used in medium traffic doors, exit doors, and fire rated doors. According to the web search results, some of the design requirements for the ABLOY EL560 that support the appropriate use of the building product are:

- Non-handed: The lock can be installed on left or right-handed doors without changing the handing.
- Switchable: The lock can be switched between fail-locked and fail-unlocked states, depending on the desired mode of operation.
- Controllable: The lock can be electrically controlled by an access control system or a remote control system, such as a timer, keypad, or push button.
- Override: The lock can always be opened by the inside handle or by a mechanical cylinder, in case of emergency or power failure.

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10. Installation requirements

The installation requirements for the ABLOY EL560 lock case are as follows: -

- The lock case is compatible with Europrofile mortise standard.
- The lock case can be used for wooden or metal doors with a minimum thickness of 40 mm.
- The lock case can be switched between fail-locked and fail-unlocked states, depending on the wiring and polarity of the power supply.
- The lock case can be electrically controlled by an access control system or a remote-control system such as timer, keypad or push button.
- The lock case can be used both in exit doors and fire rated doors. - Lock must be installed with ABLOY EA218 Connections Cable

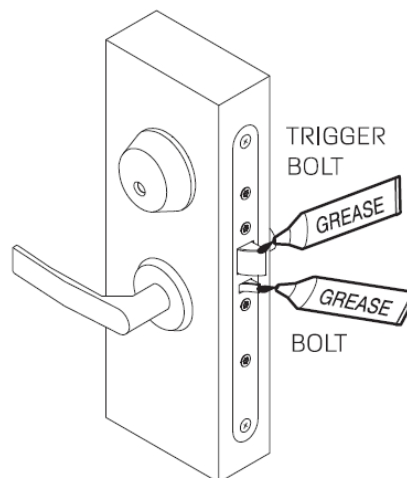
11. Maintenance requirements

- The lock case should be inspected and tested at least once a year by a qualified electrician or locksmith.
- The lock case should be cleaned and lubricated with a suitable grease or oil.
- The lock case should be checked for proper functioning and alignment of the latch, deadbolt, handles, and cylinders.
- The lock case should be checked for any signs of wear, corrosion, or damage.
- The lock case should be replaced if it is defective or does not meet the performance standards.

Electromechanical lock cases

Lubricate the lock case bolt and trigger bolt with vaseline type grease, e.g. ISOFLEX TOPAS NB52.

Do not put any lubrication inside the lock case.



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12. Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

If yes, description of the warning or ban under section 26

N/A

13. Date

Date of document completion (day/month/year)

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