

1. Unique identification code of the product-type:

Brand	ABLOY
Model(s)	EL402 Series
Part Number / identifier	EL402-100000
Bar code	
Description/Type	Electromechanical Narrow Backset Lock Case
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

2. Product description and its intended use(s)

Product description

The ABLOY EL402 is a solenoid lock designed for narrow profile doors. It features a unique symmetrical trigger bolt, which allows it to be used in double swing doors. The lock can always be opened mechanically by key or by thumb turn, and the bolt deadlocks automatically when the door closes.

The EL402 offers a cost-effective way of electric locking without compromising performance. It includes a special double action bolt for quick and easy use. The lock is available in both Fail Secure and Fail Safe versions. In the Fail Secure version, the lock is open when electric control is on, while in the Fail Safe version, the lock is open when electric control is off.

The ABLOY EL402 is typically used in the interior doors of business premises and educational buildings. It can also be used in the exterior doors of apartment buildings. The lock cannot be used for fire rated doors.

The locks can be connected to automatic swing door operators and are an excellent solution for access control systems. They can be controlled by a variety of electrical impulse generating equipment such as card readers, keypads, and timers.

Please note that the EL402 is not recommended for use in doors with seal force.

3. Place of Manufacture:

Place of Manufacture

- Aotearoa New Zealand Overseas, see manufacturer section for details

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

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

B2.3.1 (c) - EL402 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 - EL402 complies with this section by allowing the door to be always opened by the key, the interior thumb turn.

D1 - The ABLOY EL402 a suitable and reliable lock for access routes that enable people to move safely and independently around buildings.

8. Limitations on the use of the building product:

NOT for fire rated doors

NOT for doors with seals

For use with Euro Profile DIN Cylinders

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

Must be installed as per manufactures installations

10. Installation requirements

- Operating voltage: 12-24 VDC (-10%/+15%, stab.)
- Current consumption: max 550 mA (12 VDC) idle 240 mA (12 VDC) max 270 mA (24 VDC) idle 110mA (24 VDC)
- Temperature range: -20°C...+60°C
- Bolt throw: 14.5 mm
- Adjustable backset: 25, 30, 35 mm
- Strike plates, cables, and lead covers: see the product manual for details
- The lock can be configured to fail unlock or fail lock.
- The lock can be connected to various control devices and automatic swing door operators
- The lock can always be opened by key or thumbturn and deadlocks automatically when the door closes
- The lock is not suitable for fire rated doors.
- The lock can be used in swinging doors with a symmetrical trigger bolt.
- The lock should not be used in doors with seal force.
- The lock should be locked only when the door has completely stopped in the closed position

11. Maintenance requirements

- The lock should be cleaned and lubricated regularly to ensure smooth operation and prevent corrosion.
- The lock should be checked for proper alignment and adjustment of the door, frame, strike plate, and bolt.
- The lock should be tested for functionality and security after any maintenance or repair.
- The lock should be replaced if it shows signs of wear, damage, or malfunction.

Generic Model: ABLOY EL402 Series

Type: Electromechanical Lock Case

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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