

Generic Model: TB25

Type: Drop bolt (Electric bolt)

1. Unique identification code of the product-type:

Brand	ASSA ABLOY
Model(s)	TB25
Part Number / identifier	118251-000 118252-000 118251-500
Bar code	9348313051267
Description/Type	Electromechanical bolt (Electric bolt)
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

2. Product description and its intended use(s)

118251-000 PTL
118251-500 (KO)
118252-000 (PTO)

Electromechanical bolt (Electric bolt) for access control.

Key Features:

- High security. Bolt is deadlocked in the extended position
- Bolt position monitored
- Door position monitor with integrated magnet into the strike plate (no need to install a separate reed switch)
- Multiple orientations, drop bolts will work horizontally or vertically
- Power to Lock/Power to Open
- Continuously Rated Solenoid
- Tamper Proof. Lock cannot be defeated by slipping a metal object between lock and striker plate
- Intelligent Electronics. These intelligent bolts will attempt to re-close the bolt 8 times, allowing time for swing through doors to settle in the closed position
- Thermal protection. In the event of solenoid overheat, a thermal fuse will operate, eliminating any fire risk

Applications:

- Misaligned doors
- Timber doors

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):

ASSA ABLOY Australia Pty Ltd.

Address for Service

Street name and number	235 Huntingdale Road
Suburb	Oakleigh
Region/state	Victoria
Country	Australia
Post code	3166
Website	https://www.assaabloy.com.au/
Email	https://www.assaabloy.com/au/en/contact-us
Phone	+61 3 8574 3619
Business number	ABN: 90 086 451 907

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	nzsales@assaabloy.com
Phone	+64 (09) 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

- B2 Durability: Performance clauses B2.3.1(c) (i) and (ii)
- C4 Movement to place of safety: Functional requirement C4.2

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

- D2.3.1(c) (i) and (ii): Successfully tested to confirm with Level D8 (500,000) cycles under Australian Standard AS4145.2-2008, locksets and hardware for doors and windows.
- C4.2: Fail safe (118251-000) operation

8. Limitations on the use of the building product:

The bolt must be able to operate in horizontal and vertical orientations. The position of the bolt must be monitored as well as have an integrated reed switch for door position monitoring.

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

Electrical control system such as an access controller or a localized independent electrical control system to activate the locking/unlocking.

10. Installation requirements

- The bolt must be able to operate in horizontal and vertical orientations. The position of the bolt must be monitored as well as have an integrated reed switch for door position monitoring. The electronic functions must include: 8x lock and unlock attempts, 8 second unlock delay, automatic relock after 8 seconds, power reduction circuitry to limit the holding current and a one time thermal fuse cut-out in case of solenoid overheating. The face plate and strike plate must be finished in stainless steel.

11. Maintenance requirements

- Clean the external surfaces with a dry cloth only, do not use chemicals.
- Door alignment and maintenance is essential to maintain locking alignment and performance.

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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