

autoLock AV2 & blueMatic AV2-E

Automatic multi-point locking systems





Instant Security and Protection

From the very beginning, Winkhaus have always thrived when it comes to designing and manufacturing innovative security solutions to meet the challenges the rapidly evolving security standards brings as well as maintaining the ease of use for all consumers in every product.

For this exact reason, in 2008, Winkhaus introduced the autoLock AV2 multi-point locking system to the market. An automatic locking system that operates as soon as the door is closed, eliminating the need to lift a handle lever to engage the hook locking mechanism.

The autoLock AV2 is approved by the Police 'Secured by Design' security initiative; an important independent endorsement which is an essential requirement of the Association of British insurers.

Available in two versions:

Mechanical version: **autoLock AV2 3-point locking system**

Motorised version: **blueMatic AV2-E**

Suitable for:

Timber, Aluminium, Composite Doors and PVCu systems.



autoLock AV2

All important aspects at a glance

Solid Anti-Push Back Hooks

The effective automatic multi-point locking system has two solid hooks, which throw automatically when the door is closed, ensuring complete claw engagement and security against the lock being pushed back. This means the door is securely locked when pushed closed, rendering break-in difficult.*

Heavy Duty Steel Keeps

Heavy duty keeps manufactured using high grade steel, plated to comply with Grade 5 corrosion resistance BS EN1670.

Latch and Deadbolt

Precision engineered alloy sprung latch and nickel plated steel deadbolt provides the autoLock AV2 with maximum strength in the centre of the door. With an added option of an independent central deadbolt with key or thumbturn activation available to suit residential or communal entrance doors.

High Performance Gearbox

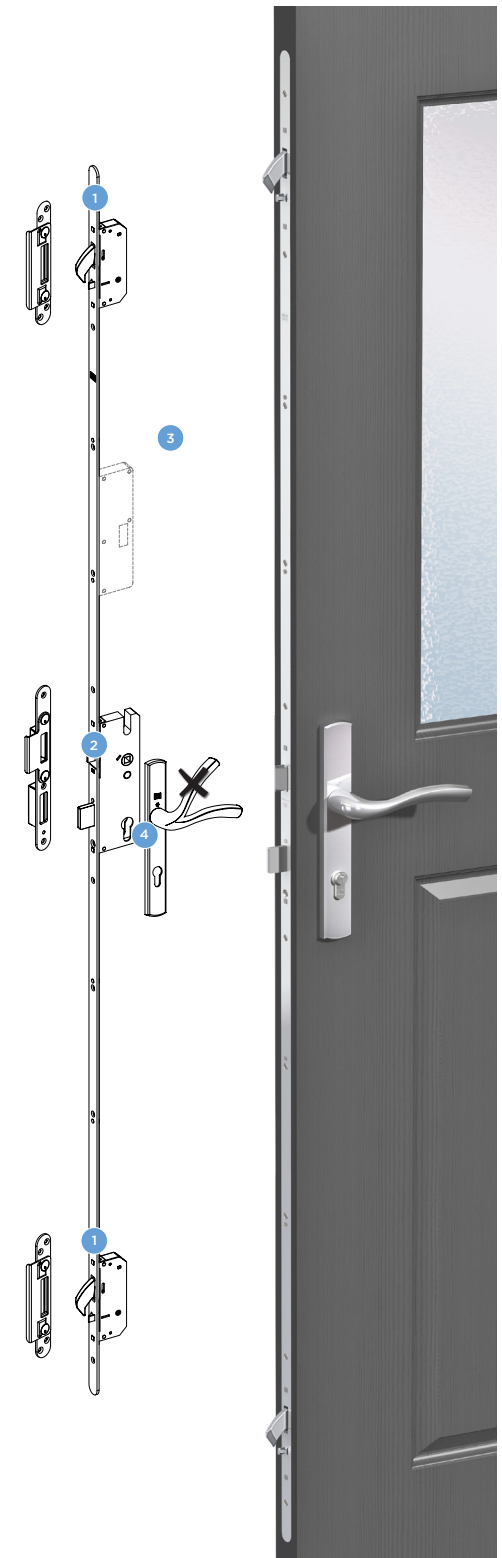
Tested to 100,000 cycles the sprung gearbox offers the lowest possible operating forces and helps prevent handle 'droop'.

Lifetime adaptability

autoLock AV2 is a part of the 'Winkhaus Family of Locks' with exactly the same routing details as the Winkhaus Cobra, Trulock, Thunderbolt™ and autoLock AV3 locking mechanisms allowing the locks to be interchanged for user requirements or building use.

Variants

Faceplate	Backset
16mm Square End	35mm, 45mm, 55mm
20mm Round End	35mm, 45mm, 55mm
20mm Square End	35mm, 45mm, 55mm
24mm U-Rail	35mm



- 1 Steel hook
- 3 Optional area for motor
- 2 High performance gearbox
- 4 Europrofile cylinder

*Please note: For doors with a lever handle on the outer side, the hooks will engage but the door will not automatically lock. To lock the door, you will need to use the key to manually do this.

autoLock AV2

Ideally suited to FD30 & FD60 Fire Doors

Fire Door tests require doors to be tested in the latch position only, without the locking points being engaged. This is to simulate how a door may be commonly closed, however, it can create problem with achieving a satisfactory fire test result as the door leaf can bow and twist in the heat. The problem is eliminated with AV2 as the lock engages automatically in three positions helping to hold the door leaf in place against the intumescent seals and thereby achieving a 30 & 60 minute fire door rating.

For further information on Winkhaus Doorset solutions please visit winkhaus.co.uk



DLUHC COMPLIANT:
Fire, Smoke & Security



WEB:
Winkhaus Evidence Bank



BS EN 1634:
Fire Resistance & Smoke Control



PAS 24:
Enhanced Security



Q-MARK CERTIFICATION:
Fire, Smoke & Security

blueMatic AV2-E

Locks automatically. Motorised unlocking.

For those who want to enjoy more comfort features in addition to all the benefits of the mechanical AV2 automatic locking system, the blueMatic AV2-E is not only capable to mechanically locking doors, but it can also unlock them with a motorised opening function.

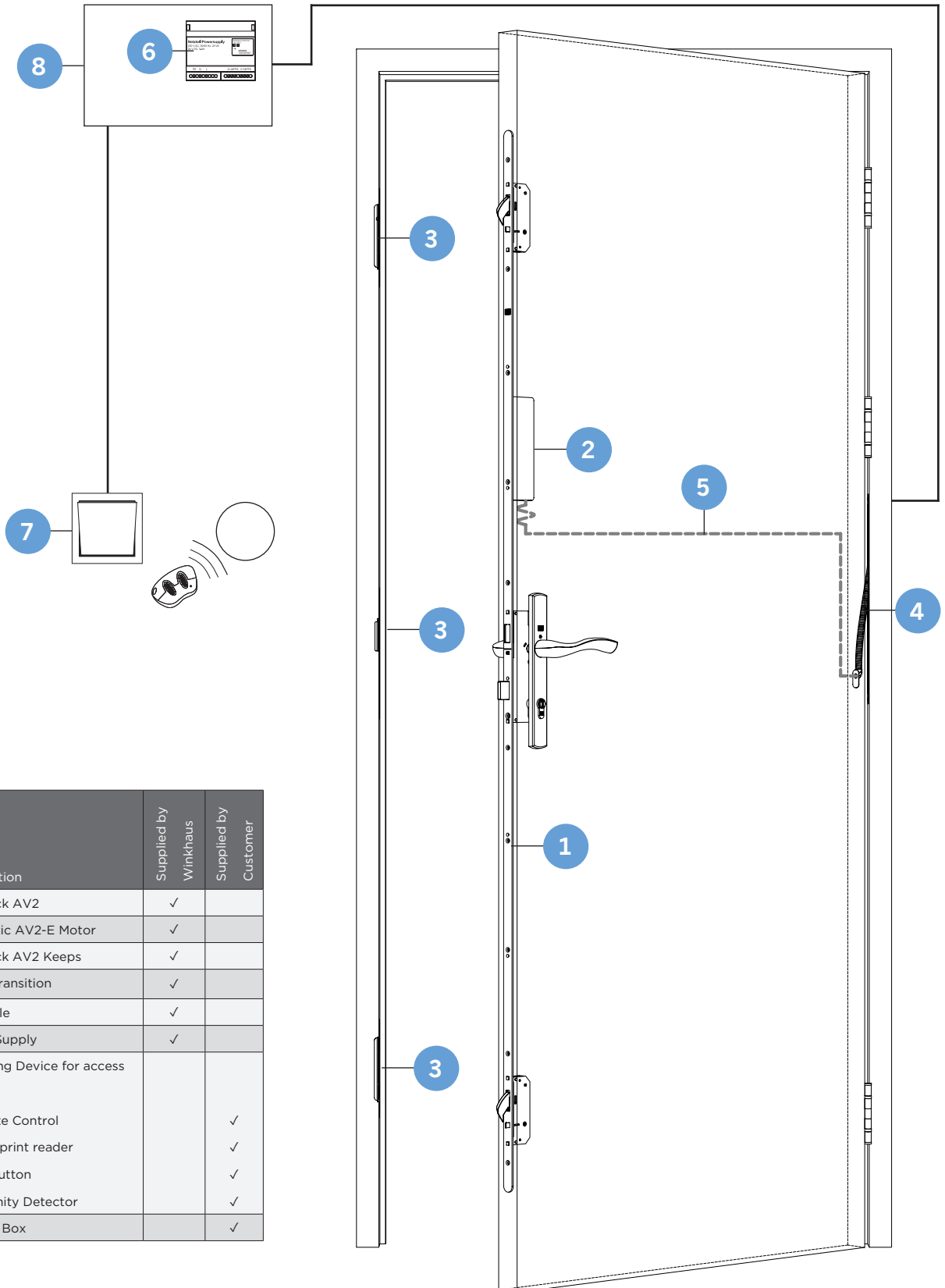
Perfect for those living sheltered housing, apartment building and communal entrances, the motorised operation of doors is essential for many. The locked door can be opened from the inside as usual with the door handle, or from both inside and outside using potential hands free opening products such as fingerprint, audio/visual intercom systems or even face recognition.

Winkhaus Plus

- + Automatic locking once the door is closed providing instant security
- + autoLock AV2 can be retrofitted to blueMatic AV2-E by modular systems
- + Compatible with other products from Winkhaus door locking range
- + Easily integrated with most access control systems which subsequently leads to its suitability for many applications
- + Keyless unlocking of doors with motorised components
- + Easy electrical installation
- + Protective surface coating in excess of EN1670:2007 Grade 5
- + PAS 24 & ADQ compliant
- + 3-point locking system is approved by the Police 'Secured By Design' security initiative



blueMatic AV2-E layout and recommended cable run



Ref.	Description	Supplied by Winkhaus	Supplied by Customer
1	autoLock AV2	✓	
2	blueMatic AV2-E Motor	✓	
3	autoLock AV2 Keeps	✓	
4	Cable Transition	✓	
5	6m Cable	✓	
6	Power Supply	✓	
7	Switching Device for access control		
	- Remote Control		✓
	- Fingerprint reader		✓
	- Pushbutton		✓
	- Proximity Detector		✓
8	Din Rail Box		✓

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