

RedLock

Redlock® from Allgood: Simple, Reliable, Secure.
A range of mechanical and solenoid locks.
Easy to specify, simple to install, and built to last.



RedLock

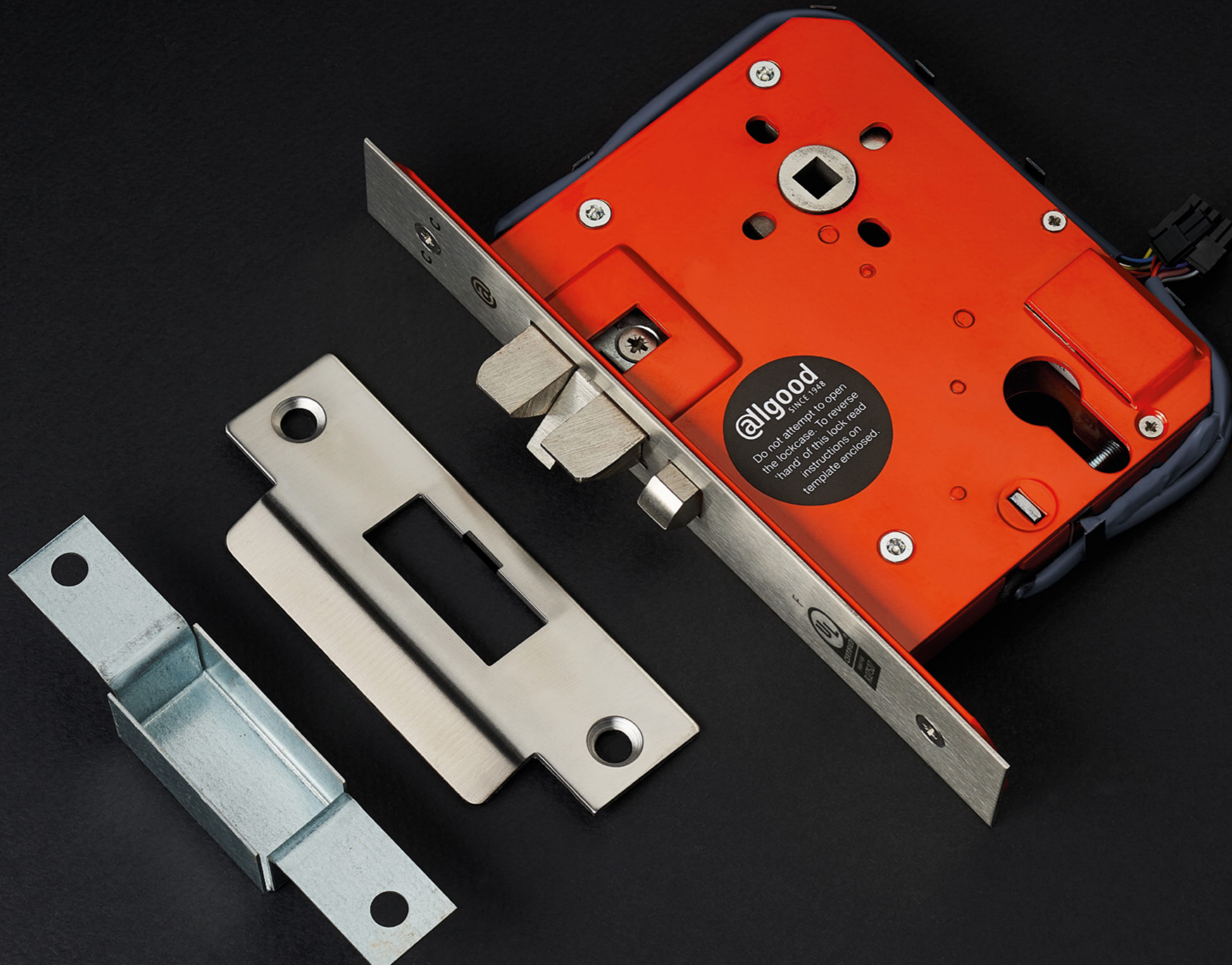
Redlock® from Allgood: Simple, Reliable, Secure.

Allgood's Redlock has been a hardware staple for decades, providing a simple, reliable, and robust locking system. Manufactured exclusively in our Birmingham factory, each Redlock component is produced under strict quality control, ensuring precision and lifelong reliability. Our local supply chain minimises emissions and maximises efficiency, significantly reducing environmental impact – a simple, sustainable and reliable choice for all security requirements.

Redlock is all about simplicity. The ultimate fit-and-forget system, it is designed to perform with minimal fuss. Engineered for reliability - using only the essential electronics and built with all-metal components. Compatible with every Allgood lever, Redlock meets ANSI, UL and EN standards and can be installed in minutes.

The Allgood Redlock range has recently been reengineered to improve performance and ease the specification and installation process. It is designed to be installed once and left to operate, with minimal maintenance requirements, system resets, or regular callouts.

All Redlocks share a uniform case size, making it easy to change lock functions by switching between variants with minimal door modification required.



Strength Through Simplicity

A leading line within the Allgood hardware range, the Redlock has been a trusted choice for many years for security consultants and architects looking to provide a robust high-quality security solution. It has been installed on many iconic projects, such as Canary Wharf in London's docklands financial district, National Bank of Kuwait, HKSAR Government Data Centre, OVO Hydro Glasgow (Formerly SEC arena), Tata Motors European Technical Centre (University of Warwick) and the Qatar National Museum.

Three key elements guarantee the reliable and secure functioning of the lock's latch bolt: a grade 316 stainless steel outer forend plate, combined with anti-friction and anti-thrust design – making it simple, and secure. The Allgood Redlock is designed and manufactured exclusively in our own factory.



Your Vision, Your Way

Redlock works with all Allgood levers through a shared fixing and alignment system, ensuring compatibility and unified design. The outer forend plate is manufactured from solid grade 316 stainless steel and can be finished in any of Allgood's Spectra tech finishes, providing a durable, cohesive aesthetic that complements the wider ironmongery package.



Redlock incorporates anti-thrust and anti-friction features to enhance both security and functionality. The anti-thrust mechanism prevents the latch from being retracted by force or manipulation when the door is closed, offering greater protection against tampering or forced entry. The anti-friction design reduces resistance during operation, allowing the latch to retract smoothly under lower pressure.

Together, these features contribute to Redlock's overall reliability, combining physical protection with user-friendly operation.

Engineered Reliability

Fundamental to the Redlock is a robust 19.8 mm latch bolt, engineered for strength and long-term reliability. Designed to withstand repeated use and high levels of force, it offers dependable performance in demanding environments. This is achieved through its solid stainless steel construction and internal components which resist wear, impact, and misalignment over time, protecting both the lock mechanism and the door itself - a durable solution where security and longevity are paramount.

Certified Confidence

Tested to BS EN 14846* and BS EN 12209*, Redlock provides certified performance where reliable access control is essential, supporting specifications where compliance, durability and certainty all matter.

Redlocks are BS EN 179 compliant*, ensuring safe emergency egress in critical environments occupied by trained or authorised users.

Under BS EN 14846, which governs the use of electrically operated locks, Redlock is tested to operate smoothly under load, stress or loss of power. Whether a specification requires fail-safe (unlocking on power loss for safe exit) or fail-secure (remaining locked on power loss to maintain security) functionality, Redlock can be relied upon.

BS EN 12209 sets the standard for mechanical durability. Redlock achieves a minimum 200,000 cycles*, and is also tested to resist force, wear and corrosion. Built to last and tested to prove it, Redlock gives specifiers the confidence it will perform as specified.



Guarenteed Safety

Installed together, Redlock and Allgood levers have been included in successful fire tests. Fire safety performance (up to 90 minutes on timber doors and 240 minutes on metal doors (BS EN 1634-1 and BS 476 Pt 22)) has been demonstrated through combined testing of both components, supported by independent Certifire CF 623 approval. The Allgood Redlock* also meets ANSI, UL, and EN standards, confirming compliance across UK and international markets.



*On some variants



@lgood secure

Allgood Secure – delivering the complete integrated security solution for over 30 years.

Allgood Secure has been an integral part of the Allgood group for 30 years. In that time, we have built a reputation for delivering design-led, integrated security, automation and access control solutions to complement any project.

Importance of a design-led solution

As part of Allgood, we appreciate the importance of striking the right balance between function and appearance, and will therefore advise you how to incorporate the latest technology (such as smart cards, biometrics and Bluetooth) while respecting a project’s design intent.

Work with a single partner

Compatibility between products and systems is essential, so working with a single partner for ironmongery and security system design and installation makes sense.

We supply and install all products using highly experienced engineers. Allgood Secure meets recognised industry standards, holding certifications such as ConstructionLine Gold and SafeContractor.



Mechanical Redlock

A leading line within the Allgood hardware range, the Redlock has been a trusted choice for many years for security consultants and architects looking to provide a robust high-quality security solution. It has been installed on many iconic projects, such as Canary Wharf in London's docklands financial district, National Bank of Kuwait, Hong Kong (SAR) Government Data Centre, OVO Hydro Glasgow (Formerly SEC arena), Tata Motors European Technical Centre (University of Warwick) and the Qatar National Museum.

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Mechanical Redlock Detail

Suitable for heavy usage doors and where a higher degree of security is required.

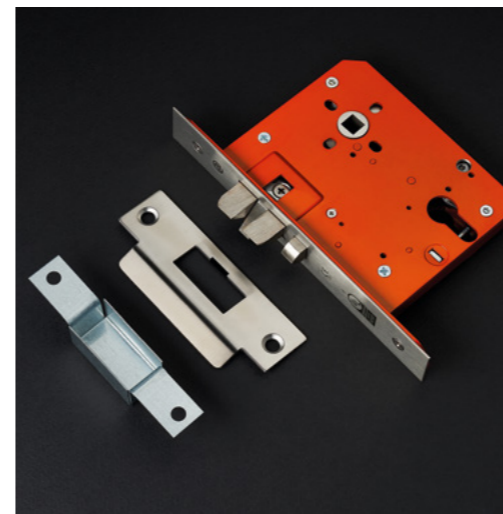
- Independently tested to BS EN 12209
- Incorporated in a successful fire test and assessed to BS EN 1634-1 and BS 476 Pt 22 up to 90 minutes on timber doors and 240 minutes on metal doors
- Certifire approved CF 623
- CE marked
- Declaration of Performance
- Case size 134mm height 108mm depth
- Heavily sprung 8mm follower for lever handles (compatible with every Allgood lever)

- Square forend 32mm wide
- Reversible latchbolt without opening the lockcase
- Bolt through fixing with 35-38mm centres for furniture
- Supplied with reversible strike plate and mortar guard
- 3 part low friction latchbolt
- Anti-thrust bolt (with exception of 9960N Latch and 9964N Deadlock)
- Backset and centres 72mm
- 10 year mechanical warranty
- UL Listed and complies with ANSI A156.115.1. Suits standard ANSI preparation for metal doors (with the exception of these* products)

Available Finishes: PS • SS • BF • Spectra Tech



9960N Allgood Redlock Mortice Latch



9962NHD Allgood Redlock Euro Profile Cylinder Mortice Apartment Lock



9964N Allgood Redlock Euro Profile Cylinder Mortice Deadlock*



9968NHD Allgood Redlock Mortice Bathroom Lock*



9970N Allgood Redlock Euro Profile Cylinder Mortice Non Deadlocking Nightlatch



9980N Allgood Redlock Euro Profile Cylinder Mortice Deadlocking Nightlatch



9990NHD Allgood Redlock Euro Profile Cylinder Mortice Escape Nightlatch

Solenoid Redlock

Simplified Specification

In the solenoid version, there are no relays to configure, no loose wires to manage, and no complicated control units requiring site-specific programming within the door. The entire setup is stripped back to what's essential for security and reliability. The result is a system that keeps working as intended long after it's been fitted, underpinned by a 10-year mechanical warranty.

Every solenoid Redlock comes with a pre-wired 5-metre cable loom with plug-and-play connectors that click into place. There's no wiring to strip and no terminals to connect inside the Redlock or the door, providing everything required for easy installation. This reduces the need for specialist installers, lowering labour costs and removing the risk of miswiring that often causes faults or call-backs. The plug-and-play system also allows for easy upgrading of your Redlock, should your security requirements change.

Redlocks are designed to be interchangeable - each solenoid and mechanical is lock engineered to a uniform size. This means that Redlock cases fitted for a given configuration in the original base build or fit out, can be swapped for different models in the range as and when the use of the building evolves. Once installed there is also no difference in appearance.

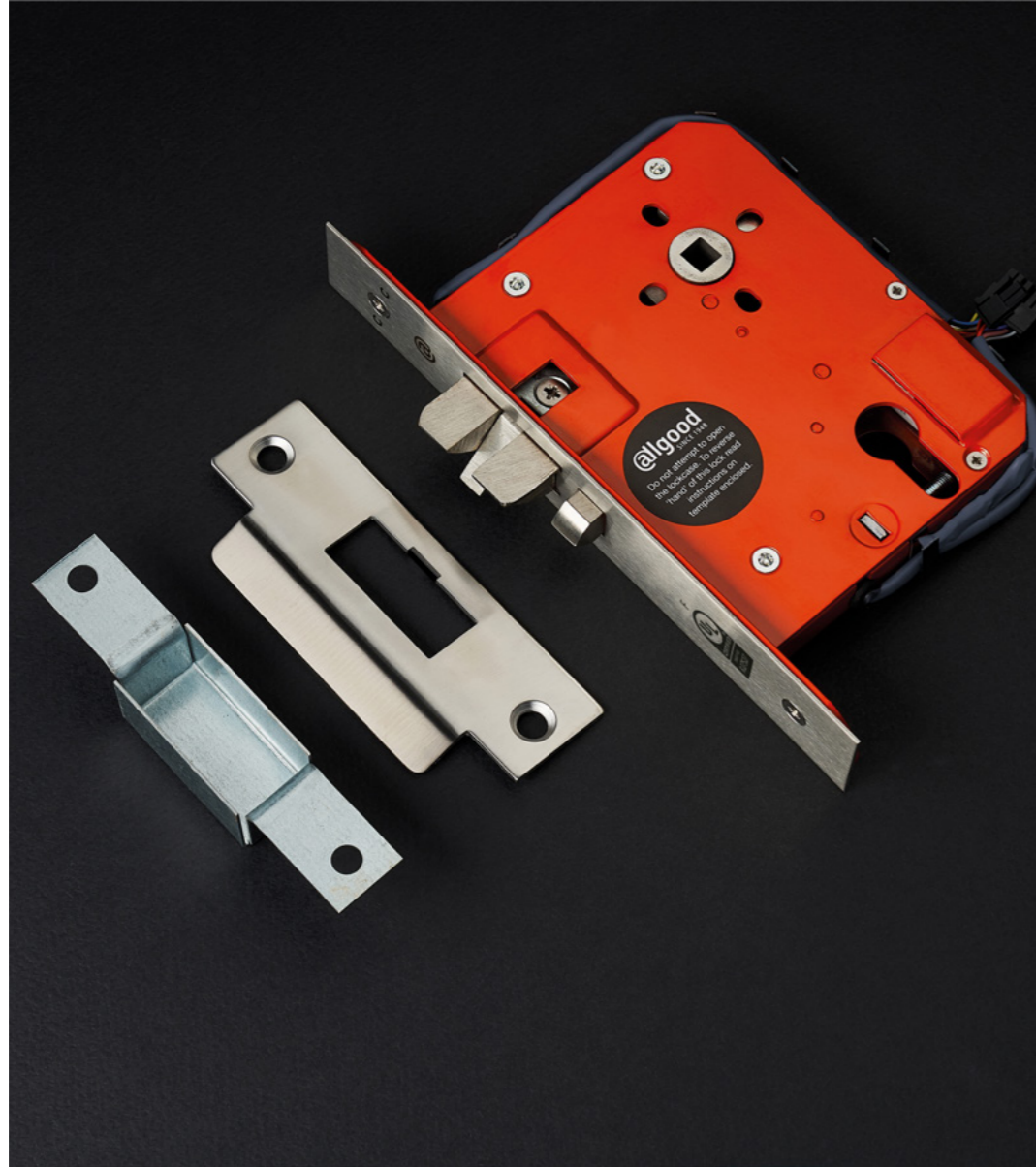
Based on the mechanical version of the Redlock, the simple addition of a solenoid allows the external lever to be controlled by an electronic fob (or key), so access is always restricted, while the internal lever is free to provide a means of exit. In situations where entry and exit need to be restricted, both levers can be electronically controlled.

Solenoid Redlock Detail

- Continuously rated solenoid drawing 250mA at 12v DC and 130mA at 24v DC when the solenoid, is activated
- Latchbolt monitoring – provides a microswitch signal to indicate whether the latch bolt of the lock is projected or retracted
- Request to exit function - provides a momentary microswitch signal to indicate authorised exit
- Anti-thrust bolt (door status) monitoring – provides a maintained microswitch signal to indicate whether the door is open or closed
- Case size 134mm height 108mm depth
- Square forend 204mm height 32mm width
- Heavily sprung 8mm follower for lever handles
- Reversible latchbolt without opening lockcase
- Bolt through fixing with 35-38mm centres for the lock case
- Supplied with reversible strike plate and mortar box
- 3 part low-friction deadlocking latchbolt 19mm projection
- Backset and centres 72mm
- Supplied with 5m doorway cable loom
- UL listed and complies with ANSI A156.115.1. Suits standard ANSI preparation for metal doors
- BS EN 179 (not applicable for dual controlled solenoid locks)
- Incorporated in a successful fire test and assessed to BS EN 1634-1 and BS 476 Pt 22 up to 90 minutes on timber doors and 240 minutes on metal doors
- 10 year mechanical warranty
- 1 year electrical warranty (solenoid and microswitches)

Available Finishes: PS • SS • BF • Spectra Tech





9943N5 Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Secure Dual Lever Controlled
9943N6 Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Secure Dual Lever Controlled



9944N5 Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Safe Dual Lever Controlled
9944N6 Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Safe Dual Lever Controlled



9945N5L Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Secure LH Lever Controlled
9945N6L Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Secure LH Lever Controlled



9945N5R Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Secure RH Lever Controlled
9945N6R Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Secure RH Lever Controlled



9946N5L Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Safe LH Lever Controlled
9946N6L Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Safe LH Lever Controlled



9946N5R Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Safe RH Lever Controlled
9946N6R Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Safe RH Lever Controlled

Solenoid Redlock Handing Guide

Our solenoid handing guide is designed to help in the specification process. The simple chart below details which model to choose dependent on specific security, and access control requirements. All models are available as fail safe (in the event of power loss, controlled lever becomes unlocked) and fail secure (lever remains locked).

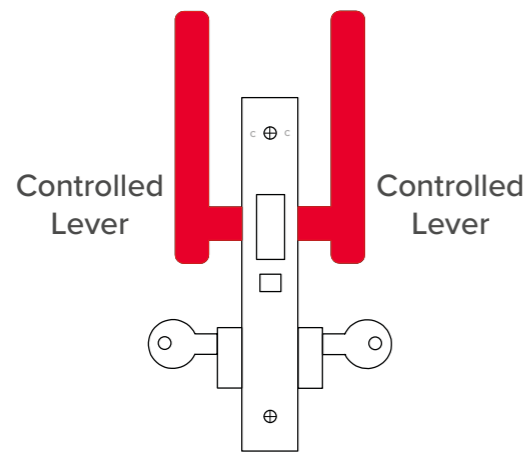
New Part Numbers

New Features

Visual identification to show the lever control configuration for correct installation and commissioning.

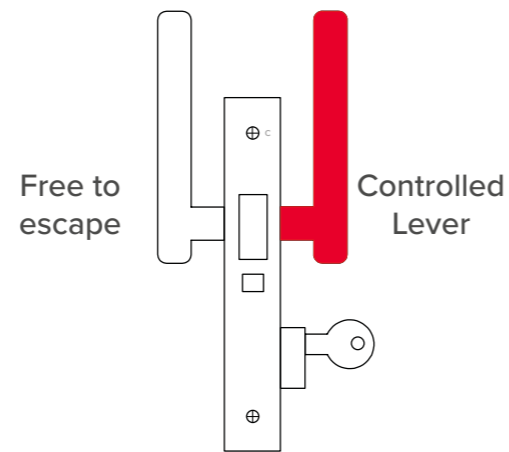
Improved security monitoring includes a status signal to detect if the door is open or closed. This is in addition to monitoring if a door is forced and keeping track of authorised exit use.

Dual lever controlled



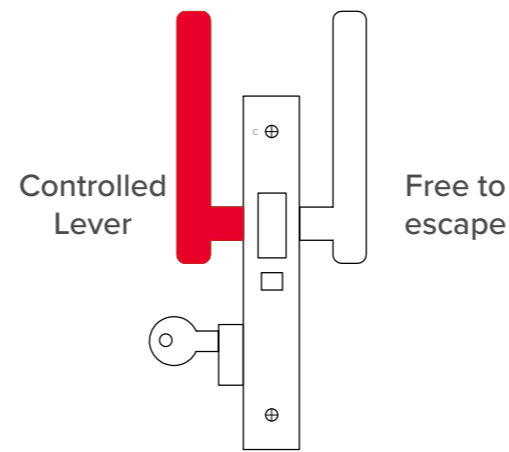
- SS9943N5** 12v DC Dual Lever Controlled Fail Secure (non-handed) square forend
- SS9944N5** 12v DC Dual Lever Controlled Fail Safe (non-handed) square forend
- SS9943N6** 24v DC Dual Lever Controlled Fail Secure (non-handed) square forend
- SS9944N6** 24v DC Dual Lever Controlled Fail Safe (non-handed) square forend

Right hand lever controlled



- SS9945N5R** 12v DC RH Lever Controlled Fail Secure square forend
- SS9946N5R** 12v DC RH Lever Controlled Fail Safe square forend
- SS9945N6R** 24v DC RH Lever Controlled Fail Secure square forend
- SS9946N6R** 24v DC RH Lever Controlled Fail Safe square forend

Left hand lever controlled

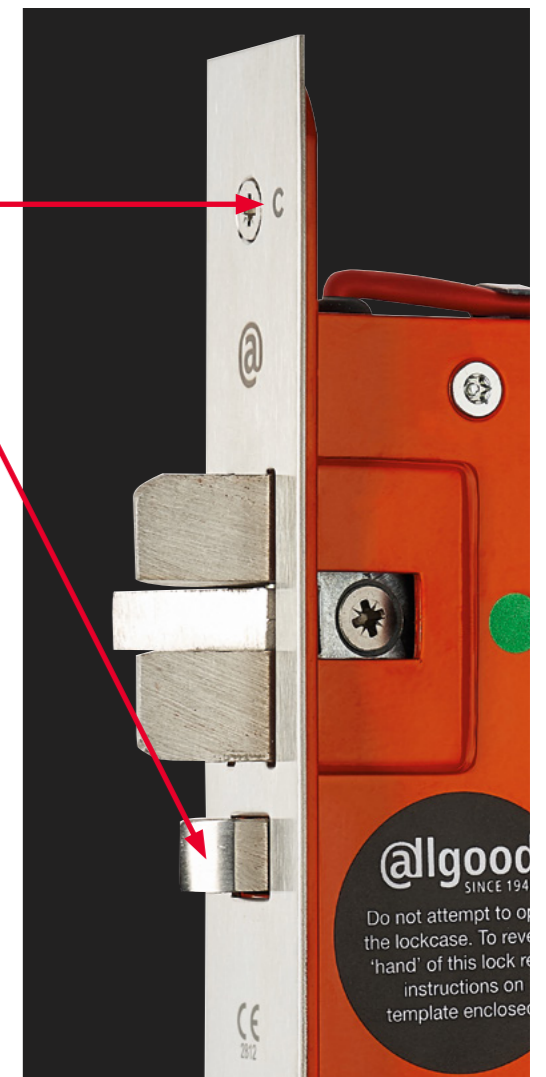
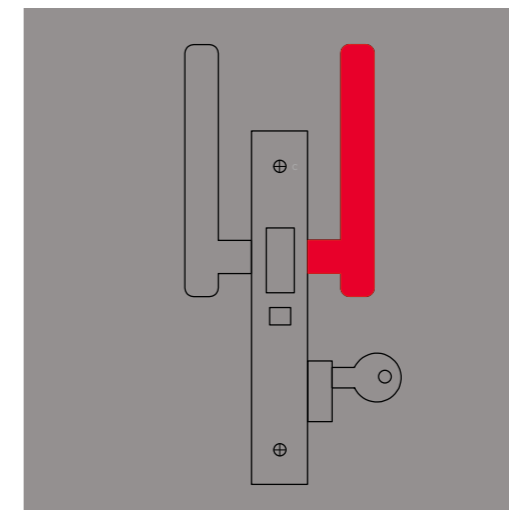


- SS9945N5L** 12v DC LH Lever Controlled Fail Secure square forend
- SS9946N5L** 12v DC LH Lever Controlled Fail Safe square forend
- SS9945N6L** 24v DC LH Lever Controlled Fail Secure square forend
- SS9946N6L** 24v DC LH Lever Controlled Fail Safe square forend

Lever controlled ID

Anti-thrust monitoring

ID = c on Right = RH lever controlled



Identification of lever control hand

Laser Etched Information

Example 1 – 12vdc/fail-secure/LH part ref SS9946N6L

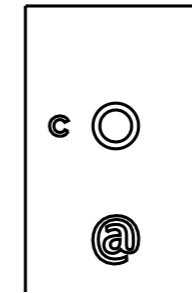
Inner Forend



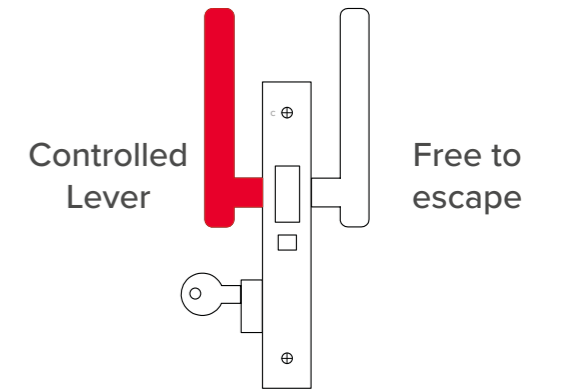
Outer Forend



Lever controlled ID



Lever controlled

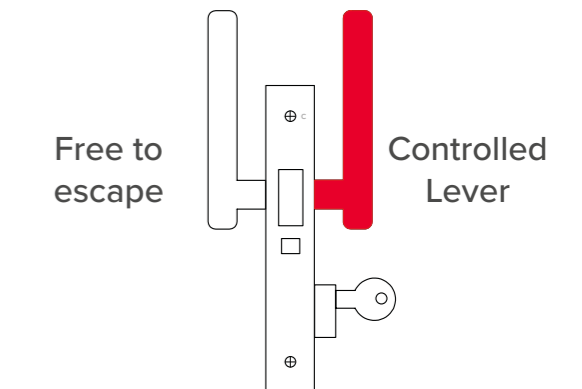
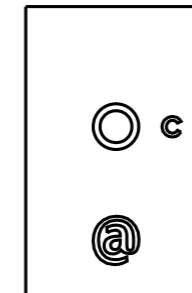


Example 2 – 24vdc/fail-secure/RH part ref SS9946N6R

Inner Forend



Outer Forend

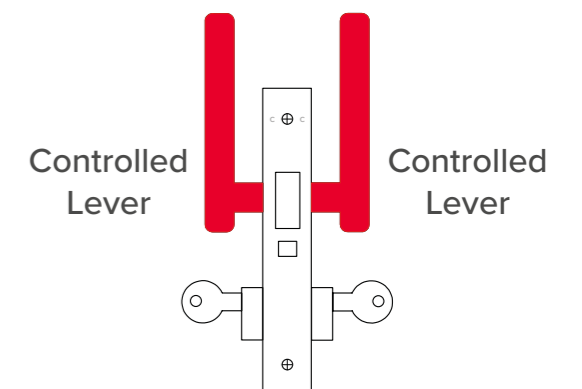
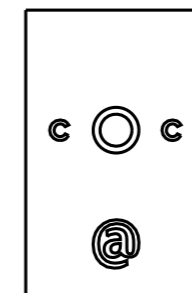


Example 3 – 12vdc/fail-safe/dual lever controlled part ref SS9943N6

Inner Forend



Outer Forend





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