RedLock

Redlock™ from Allgood: simple, reliable, secure.
A range of mechanical and solenoid locks.
Easy to specify, simple to install, and built to last.

@llgood
QUALITY SINCE 1948

Proud distributors for Allgood products in North America

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Allgood's Redlock has been a hardware staple for decades, providing a simple, reliable, and robust locking system. After four years of research and development, the entire range has been reengineered to improve performance and make it even easier to specify and install.

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, UKCA*, UL and EN standards and can be installed in minutes.

The all-new solenoid version benefits from improved monitoring to work with the most sophisticated security systems.

Reliability through simplicity.
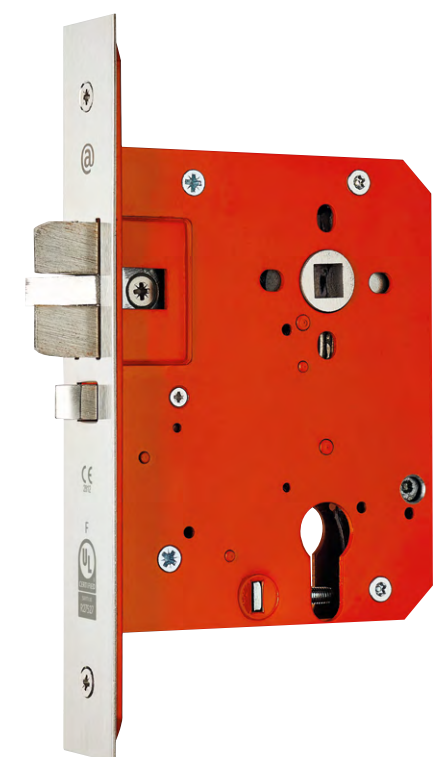
*Application in progress

@llgood secure

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

Allgood Secure has been an integral part of Allgood for 30 years. In that time, we have built a reputation for delivering design-led, integrated security 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 on 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 makes sense, and offers a turnkey solution.
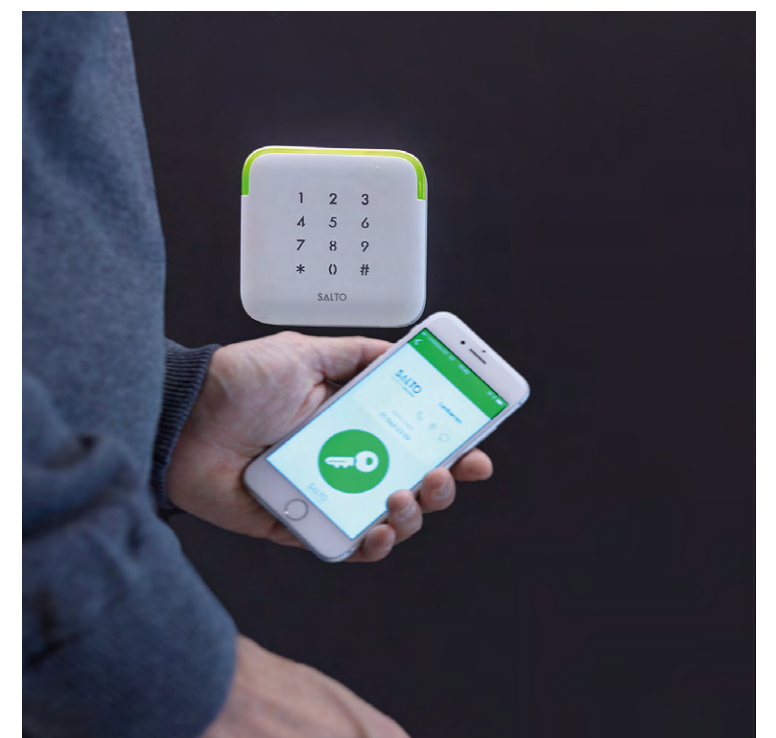
Mechanical Redlock

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.

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 Birmingham, UK.

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 width
- Reversible latchbolt without opening 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 115.1. Suits standard ANSI preparation for metal doors (with the exception of these* products)

Available Finishes: PS • SS • BF
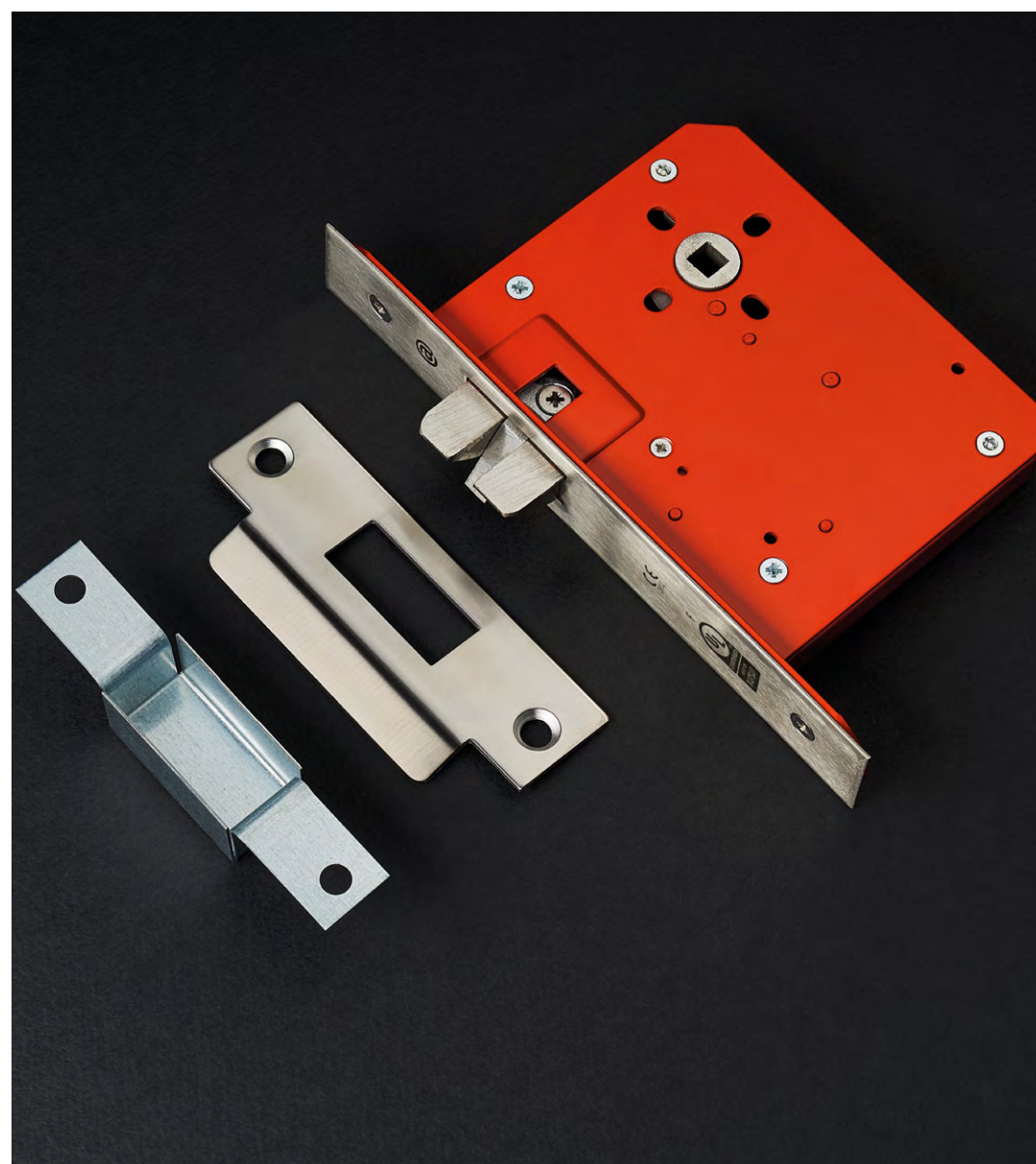
9960N Allgood Redlock Mortice Latch

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

The Allgood Solenoid Redlock has built a reputation as both a highly secure and reliable electronic lock, operating for many years in sites such as Canary Wharf, National Bank of Kuwait and the Qatar National Museum.

Its simple, functional design, comprising an all-metal lock and solenoid components, offers a long-lasting access control solution. Reliability based on simplicity.

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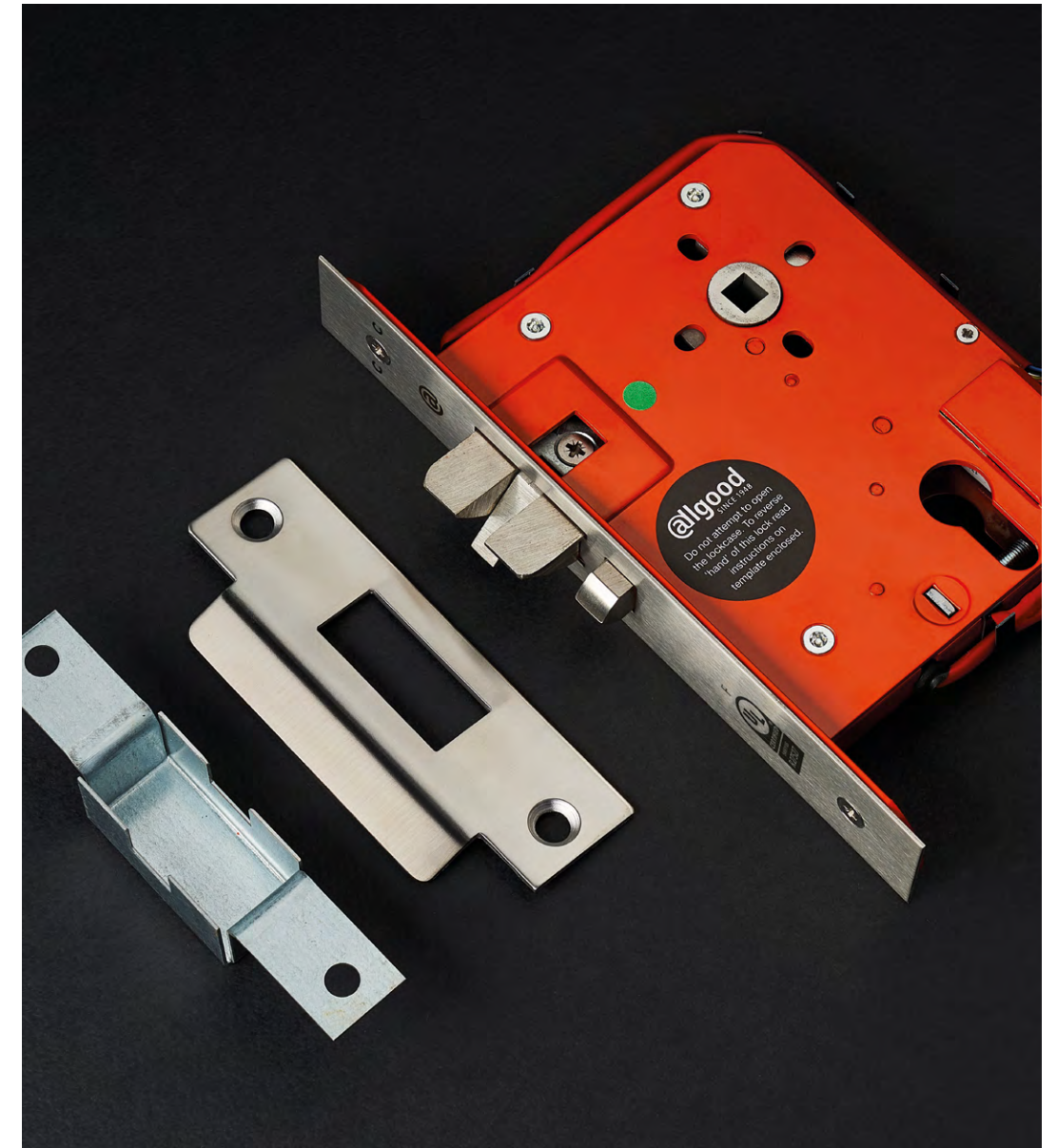
Based on the mechanical version of the Redlock, the simple addition of a solenoid allows the external lever to be controlled by an electronic fob (or key), so access is always restricted, while the internal lever is free to provide a means of exit. In situations where entry and exit need to be restricted,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

The updated version of the Redlock adds an easy-fit wiring loom and connections by utilising pre-made plug connectors, which reduce fitting time by up to 80% compared to the previous version.

Solenoid Redlock Detail
- Continuously rated solenoid drawing 200mA 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 furniture
- 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 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
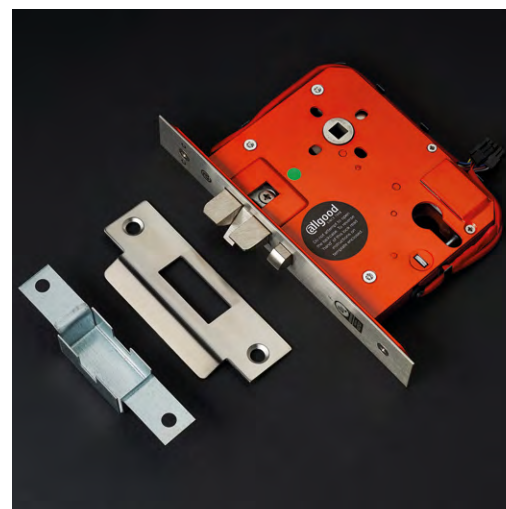- 1 year electrical warranty (solenoid and microswitches)

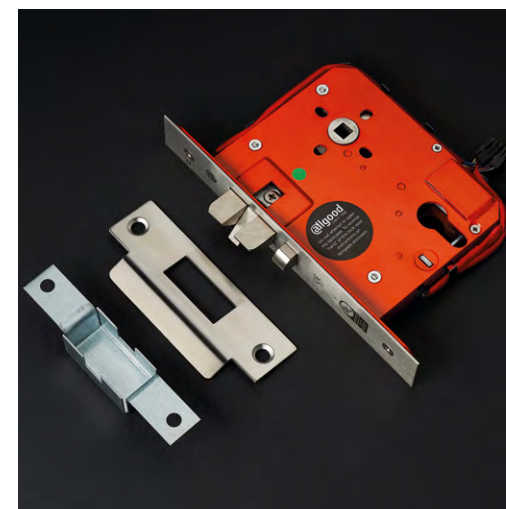**Available Finishes:** PS • SS • BF

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
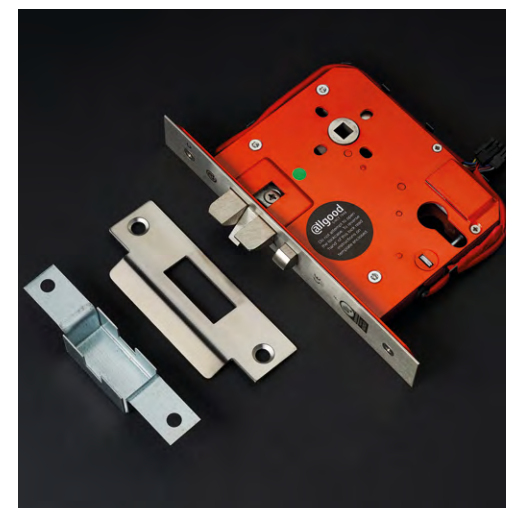

9945N5L Allgood Redlock Euro Profile Solenoid Redlock 12v DC Fail Secure LH Lever Controlled
9945N6L Allgood Redlock Euro Profile Solenoid Redlock 24v DC Fail Secure LH Lever Controlled

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

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

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

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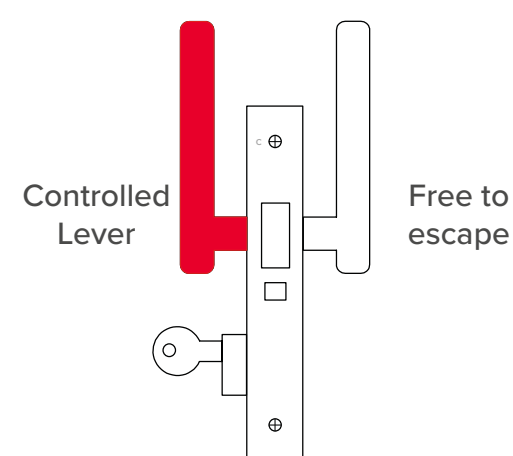
Controlled Lever   Controlled Lever
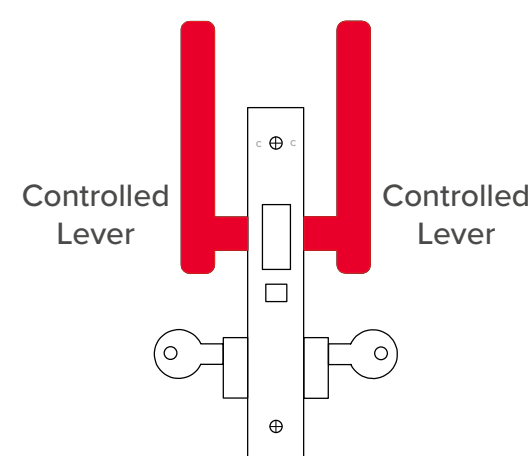
SS9943N5 12v DC Dual Lever Controlled Fail Secure (non-handed) square forend
SS9944N5 12v DC Dual Lever Controlled Fail Safe (non-handed) square forend
SS9943N6 24v DC Dual Lever Controlled Fail Secure (non-handed) square forend
SS9944N6 24v DC Dual Lever Controlled Fail Safe (non-handed) square forend

Right hand lever controlled

Free to escape   Controlled Lever
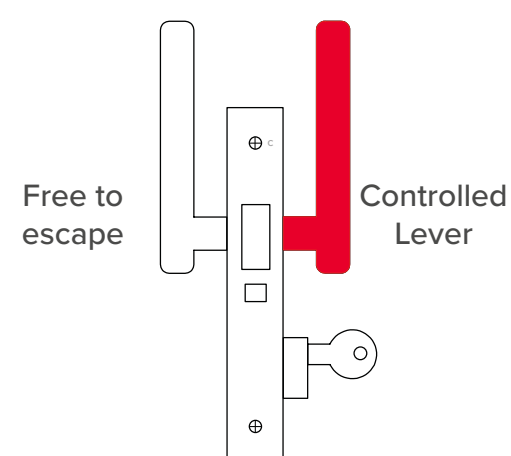
SS9945N5R 12v DC RH Lever Controlled Fail Secure square forend
SS9946N5R 12v DC RH Lever Controlled Fail Safe square forend
SS9945N6R 24v DC RH Lever Controlled Fail Secure square forend
SS9946N6R 24v DC RH Lever Controlled Fail Safe square forend

Left hand lever controlled

Controlled Lever   Free to escape

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

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.
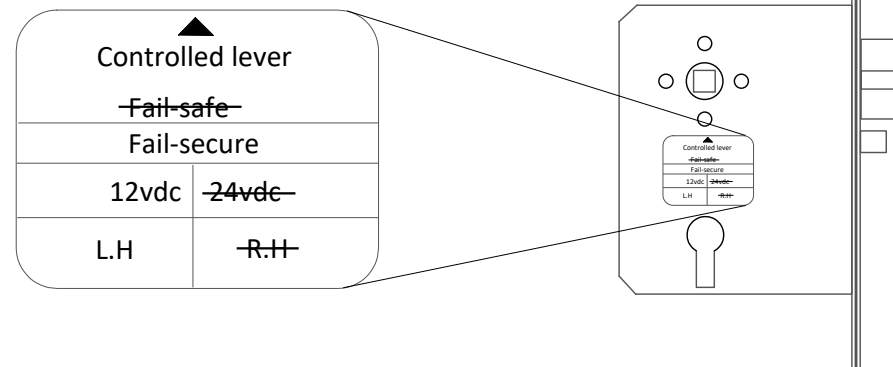
Lever controlled ID

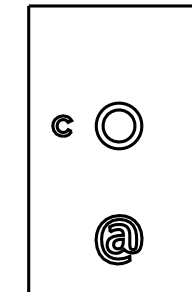**Anti-thrust monitoring**

ID = c on Right = RH lever controlled
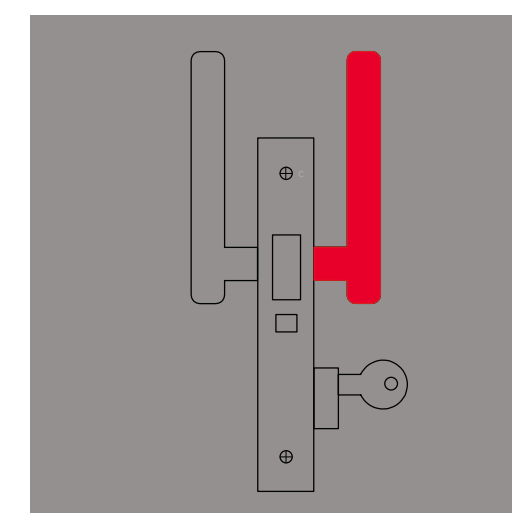
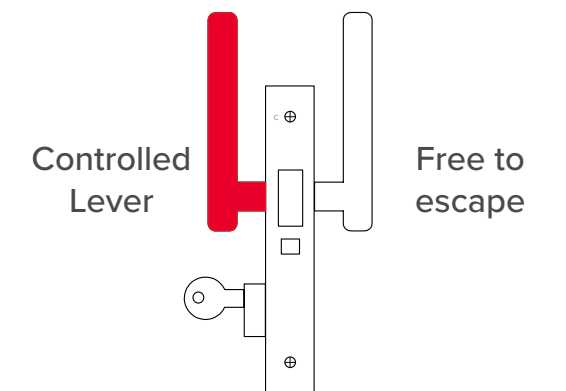## Identification of lever control hand

Label Information	Lever controlled ID	Lever controlled

Example 1 – 12vdc/fail-secure/LH part ref SS9945N5L

Controlled lever
Fail-safe
Fail-secure
12vdc | 24vdc
L.H | R.H

Controlled Lever — Free to escape

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

Controlled lever
Fail-safe
Fail-secure
12vdc | 24vdc
L.H | R.H

Free to escape — Controlled Lever
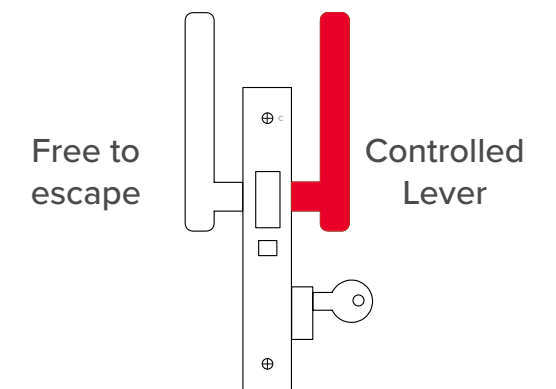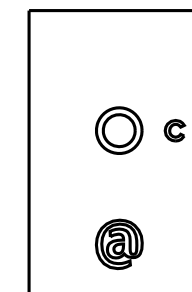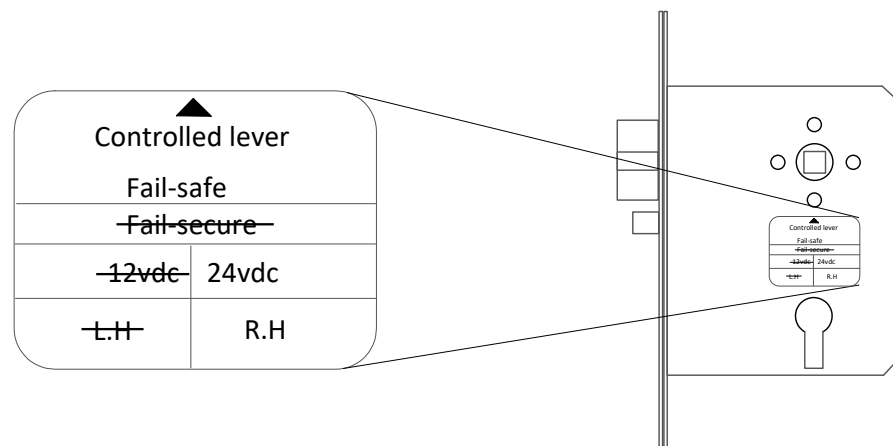
Example 3 – 12vdc/fail-secure/dual lever controlled part ref SS9943N5

Controlled lever
Fail-safe
Fail-secure
12vdc | 24vdc
L.H | R.H

Controlled Lever — Controlled Lever