



PRODUCT GUIDE FOR ACCESS CONTROL LOCKING, DOOR AUTOMATION & KEY/ASSET MANAGEMENT

As an industry leader in physical security solutions, we openly embrace research, development and the evolution of technology. It's only fitting that Surelock McGill offer a range of electromechanical locking solutions that are smart, robust and sophisticated in their operation.

From single and multi-point locks to automatic door operators, we provide a wide array of electromechanical locking solutions and accessories for your organisation, ensuring both safety and security.

APPLICATIONS

Access control solutions can be used in a variety of applications such as:

- Multiple-site premises
- Universities and schools
- Sports facilities
- Government buildings
- Hotels
- Banks
- Shopping centres
- Residential communal areas

WHY AN ACCESS CONTROL SYSTEM?

There are many advantages to having an access control system installed on site:

- Removal of mechanical keys which are susceptible to being misplaced, copied without permission or require continuous key changes, at high cost and serious inconvenience
- Access control systems can be programmed to allow selective levels of access to provide complete control over entry into a building or access to certain areas
- Smart keys (such as a key fob or key card) if lost can be deactivated using the access control system so that security does not become compromised

BENEFITS OF A SURELOCK MCGILL ELECTROMECHANICAL ACCESS CONTROL SYSTEM:

- Systems can be easily installed and wired, costing your organisation less time
- Provides resistance to multiple forms of threat (for example, physical attack, fire, blast, ballistic attack) as well as allowing entrance and exit to a facility
- Designed, tested and certified for the health and safety duty of care that is required today
- Independently tested to ensure that we maintain the quality and worth of our products
- Deadlock monitoring as standard with access control device
- Bolt monitoring is available to check if door has been unlocked. This can be connected to alarm system to provide staff or authorities an immediate alert if a door has been unlocked
- A choice of entry and exit methods including lever handles, panic plates, push pads, thumbturns and automated exits
- Certain models can be retro-fitted to suit changing operational requirements
- Third party tested through several organisations to ensure we achieve and maintain UK, European and international standards:



Access control entry
(supplied by others)



Product Index

	Voltage				Fused Spur Connection	RTE	Monitoring		Bolt Throw	Secondary Access		Mechanical exit Options				
	Standard		Special				Lock Status	Bolt Status		Key	Combination Dial	Panic Plate	Push Pad	Escape Lever	Thumbturn	Key & Lever
	12vdc	24vdc	12vac	24vac												
Single point locking - Swing Doors																
Stirling - Solenoid operation	✓	✓				✓	Both as standard		25mm 0.984"	✓		✓	✓	✓	✓	✓
Stirling - Motorised operation		✓			3A	✓	Both as standard		25mm 0.984"	✓		✓	✓	✓	✓	✓
AC900 - Motorised operation		✓			3A		Both as standard		32mm 1.260"	✓				✓		
Single point locking - Swing Gates																
Purbrook GT - Solenoid Operation	✓	✓				✓	✓	✓	40mm 1.575"	✓			✓	✓	✓	✓
Multipoint locking - Swing Doors																
Slimline - Solenoid operation	✓	✓	✓	✓		✓	Both as standard		25mm 0.984"	✓	✓	✓	✓	✓	✓	✓
Slimline - Motorised operation		✓			3A	✓	Both as standard		25mm 0.984"	✓		✓	✓	✓	✓	✓
Slimline - Fail Safe & fail Secure operation	✓					✓	Both as standard		25mm 0.984"	✓		✓	✓	✓		
Slimline - Delayed Egress operation	✓				3A				25mm 0.984"	✓		✓	✓	✓		
Multipoint Locking - Swing & Sliding Gates																
Moorgate	✓	✓					Both as standard			✓				✓	✓	✓
Automatic Door Operators (ADO's)																
ADO 200					5A											
ADO 300					5A											
Key & asset Management System																
Key management systems					3A											
Asset management systems					3A											
Key management safes					3A											

Power Consumption

System	Max power consumption	Max current draw	Recommended power supply
Slimline 12V	10W per solenoid	0.8A per solenoid	Single solenoid 12V 1.5A / Twin solenoid 12V 2A
Slimline 24V	10W per solenoid	0.4A per solenoid	Single solenoid 24V 1.0A / Twin solenoid 24V 1.5A
Slimline delayed egress	20W	1.67A	12V 3A (240V ac) power supply provided with lock
Slimline motorised	48W	2.0A	24V 2A (110V to 240V ac) power supply provided with lock
Stirling 12V	7W	0.58A	12V 1A
Stirling 24V	8.5W	0.29A	24V 0.5A
Stirling Motorised	48W	2A	24V 2A (110V to 240V ac) power supply provided with lock
AC900	48W	2.0A	24V 2A (110V to 240V ac) power supply provided with lock
GT 12V	8.5W	0.71A	12V 1A
GT 24V	8.5W	0.36A	24V 1A
Moorgate 12V	10W	0.8A	12V 1.5A
Moorgate 24V	10W	0.4A	24V 1.0A
ADO	120W	0.5A (240V)/1.1A (110V)	Recommend connection to 5A fused spur
IQ Cabinet	55W	0.5A (240V)/1.1A (110V)	Recommend connection to 3A fused spur

Single Point Range

Two high-performance surface mounted single-point locking systems, both that automatically secure upon door closure, providing physical and ballistic resistance as well as crucial life safety features and compatibility with a plethora of access control systems.

The Purbrook GT has a larger bolt engagement, is stainless steel, non-handed and a bi-directional device, engineered with a unique modular design, making it ideal when a change in the operation of a lock may be required.

Stirling - Solenoid Lock Release

FEATURES

- Surface mounted for maximum strength
- Automatic re-locking upon door closure
- 19mm(0.748") square x 25mm(0.984") throw stainless-steel bolt
- End thrust loading over 7 times the standard of BS 3621
- Tested to over 1,000,000 cycles
- Lock and bolt status monitoring as standard
- 12V DC fail secure as standard
- 24V or 50V DC fail secure, 12V/24V DC fail safe optional
- External key override in case of power-failure, optional

BENEFITS

- Automatic re-securing, as standard
- Tested on specific doorsets up to LPS 1175 SR4
- Life safety device to BSEN 179, 1125 and UL305 compliant, CE marked
- Engineered for longevity and trouble-free service
- Ideal upgrade solution for existing doors
- Fast installation for retro-fits and simple wiring



LPS 1175 SECURITY RATING (on selected doorsets)	SR 2	SR 3	SR 4	 Blast - For details contact our Technical Dept	EN1125/EN179/UL305	 BS476 PT22
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Above performance results are based on independent third party testing or assessment on selected doorsets

TESTED TO OVER
1,000,000
CYCLES



Purbrook GT - Singl Point Gate Lock

FEATURES

- 40mm(1.575") bolt throw which automatically secures upon door/gate closure
- Internal operation is easy to configure on site from a single action escape function to a controlled deadlock release and vice versa
- Supplied non-handed
- Optional remote monitoring of bolt status and lock status • Optional Request To Exit microswitch (for emergency/free exit configuration)
- 12V DC fail secure as standard on access control versions (other voltages available)
- Optional anti-drill plate which has been tested to LPS 1175 SR6 is available
- Infinite-Restraint as standard allows bolt to hold in place without returning to a thrown position after handle has been partially turned. The bolt will automatically secure upon door/gate closure

BENEFITS

- Full stainless-steel construction providing corrosion resistance
- Variable 'trigger snib' to allow for easy adjustment
- Engineered for longevity and trouble-free service
- Infinite-Restraint with automatic bolt securing reduces risk of door/gate being left unlocked after operation



LPS 1175 SECURITY RATING (on selected doorsets)	SR 2	SR 3	SR 4	SR 5	SR 6	 EN1125/EN179/UL305
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Above performance results are based on independent third party testing or assessment on selected doorsets

TESTED TO OVER
1,000,000
CYCLES



Single Point Motorised Locks

Two high performing, heavy duty single-bolt motorised locking systems, providing access controlled and automated bolt retraction in combination with manual life safety features.

The Stirling Motorised is based on the Stirling fixing footprint therefore enabling easy upgrade if remote bolt retraction is ever required. Whilst the heavier-duty AC900 was designed for the very highest of single-point lock applications, capable of sustaining long duration of prison/terrorist attack.

Stirling - Motorised

FEATURES

- Surface mounted for maximum strength
- Automatic re-securement upon door closure
- Stainless steel '316' construction
- Proven rack & pinion driven
- 19mm (0.75in) square bolt x 25mm (0.98in) throw
- Tested to over 1,000,000 cycles
- Monitoring of bolt & lock status
- Stainless steel template provides for fast installation

BENEFITS

- Door automatically secured in closed position
- Tested on specific doorsets up to LPS 1175:SR4
- Engineered for longevity and trouble-free service
- Popular retrofit, to upgrade existing doors



LPS 1175 SECURITY RATING (on selected doorsets)	SR 2	SR 3	SR 4		Blast - For details contact our Technical Dept	EN1125/EN179		BS476 PT22
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Above performance results are based on independent third party testing or assessment on selected doorsets



AC900

FEATURES

- Surface mounted or mortice fitted solutions
- Programmable choice of re-locking upon door closure
- 40mm(1.575") x 20mm(0.787") stainless steel bolt with a 32mm(1.260") throw, and an anti-friction siege protection roller
- Controller pre-programmed to provide lock functionality, including, bolt and deadlock status monitoring and timing of operations, supplied as standard
- Supplied with dedicated 24V power supply
- 1,400Ncm torque motor with 22W nominal power consumption
- Motorised unlocking and bolt retraction
- Manual override entry and exit options available
- Designed for use with automatic door operators

BENEFITS

- Automatic re-securing upon door closure
- Anti-siege mechanism built in
- Lock status monitoring as standard
- Engineered for longevity and trouble-free service
- Upgrade solution for existing doors



The Surelock McGill Palisade lock is a heavy-duty gate lock that has an all stainless-steel construction, providing security in harsh external environments and conditions. The Palisade enables for a swing gate to be secured via a fortified steel sliding bar, allowing egress and exit when required.



OPERATIONS

Entry / Exit – Mechanical key and handle are used to release the lock function and retract the slide bar. An optional means of entry can be achieved through activating the access control function, unlocking the device allowing the user to manually retract the bar bolt. Once the sliding bar is fully thrown the system will automatically deadlock. Free egress can be provided if required.

FEATURES

- Surface mounted solution
- Mounting plate can be welded to gate, allowing the gate to be galvanized before fitting the lock, and allowing the lock to be easily fitted after galvanizing
- Fully stainless-steel construction
- Anti-climb handle
- 125mm throw stainless steel slide bar with slot for padlocks
- Protective cylinder guard
- Lock status monitoring as standard with access control product
- Optional access control functionality, with a choice of 12v or 24v, fail-safe or fail secure

BENEFITS

- Suitable for all weather conditions
- Engineered for longevity and trouble-free service
- Optional lock status monitoring is available
- Suitable for single or double gate applications
- Heavy duty construction ensures high performance under physical attack



System	Option code	Voltage	Power consumption per solenoid	Current draw per solenoid	Recommended power supply
					Single solenoid
12V – Energise to unlock	R (standard)	12V	10W	0.8A	12V 1.5A
24V – Energise to unlock	R1	24V	10W	0.4A	24V 1.0A
12V – Energise to lock	R2	12V	10W	0.8A	12V 1.5A
24V – Energise to lock	R3	24V	10W	0.4A	24V 1.0A

ENTRY METHODS:



EXIT METHODS:



The Slimline Multi-point Range – Solenoid & Motorised

A high performance multi-point locking system that automatically locks upon door closure. It provides physical, blast and ballistic resistance in a single product and is compatible with the majority of access control systems.

SOLENOID LOCK RELEASE

FEATURES

- Surface mounted or mortice fitted solutions
- Automatic re-securing upon door closure
- Proven rack & pinion mechanism
- 15mm(0.591") x 25mm(0.984") throw stainless steel bolts
- Choice of exit device operators to suit operational requirements
- Tested to over 1,000,000 cycles
- Suitable for doors 2.2m(86.614") high and extensions available for taller doorsets
- Optional bolt enhancement packs available for blast applications
- Bolt and deadlocking status monitoring built in, as standard
- 12V DC fail secure, as standard
- 24V DC fail secure, 12V DC or 24V DC fail safe options
- Cranked lever handle as standard
- Alternative direction & additional auxiliary bolts can be added

BENEFITS

- Controlled unlocking and automatic re-locking, upon door closure
- Tested on specific doorsets up to LPS 1175:SR6
- Life safety device BSEN 179/1125 and UL305 compliant, CE marked
- Engineered for longevity and trouble-free service



MOTORISED BOLT RETRACTION

FEATURES

- Surface mounted fitted solutions
- Automatic re-securing upon door closure
- Proven rack & pinion mechanism
- 15mm(0.591") x 25mm(0.984") throw stainless steel bolts
- Choice of exit device operators
- Suitable for doors 2.2m(86.614") high and extensions available for taller doorsets
- Preprogrammed control box & power supply
- Optional bolt enhancement packs available for blast applications
- Bolt & deadlock status monitoring built in, as standard
- Alternative direction & additional auxiliary bolts can be added
- 24V DC fail safe as standard
- System supplied with 2A power supply
- Cranked lever handle as standard
- Alternative direction & additional auxiliary bolts can be added

BENEFITS

- Remote or local operation capability
- Tested on specific doorsets up to LPS 1175:SR6
- Fully automatic securing and unsecuring of locking system
- Fully automated opening and closing of door when fitted with an ADO motorised door actuator
- Life safety device BSEN 179/1125 compliant
- Remote monitoring of lock and bolt status



LPS 1175 SECURITY RATING (on selected doorsets)	SR 2	SR 3	SR 4	SR 5	SR 6	 Blast - For details contact our Technical Dept EN1522/23 FB1- FB7 & FSG	 EN1125/EN179/UL305  BS476 PT22/EN1634-1/UL10C - up to 4 hours
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Above performance results are based on independent third party testing or assessment on selected doorsets

The Slimline Range includes for – Delayed Egress & Fail Safe & Secure

Two high performance multi-point access control systems. The Delayed Egress bolting system is a life-safety panic exit system that includes an anti-breach feature to help to stop opportunistic thieves. The Fail Safe and Secure system provides controlled entry and exit into a building through internal and external access control mechanisms. Both systems are compatible with the majority of access control systems.

DELAYED EGRESS

FEATURES

- Supplied with dedicated 12V DC power supply as standard, with 24V DC optional
- Pre-set time delay when panic bar is depressed, exit is permitted after the delay
- Surface mounted for maximum strength
- Timer set at 10 seconds as standard- adjustable from 6 to 60 seconds on site
- 15mm(0.591") stainless steel bolts with 25mm(0.984") throw
- Designed for the solenoid to withdraw with up to 80kgs(176.37lbs) of pressure applied to the panic bar
- Suitable for doors 2.2m(86.614") high and extensions available for taller doorsets
- Supplied with bolt status monitoring as standard
- Audible alarm activated during the time delay

BENEFITS

- Allows connection with detection/fire alarm systems
- Anti-breach feature (delayed panic bar) helps to stop 'run-out theft' and unauthorised use without compromising safety
- Allows immediate exit in the event of fire alarm or power failure
- Automatically re-secures the lock upon door closure
- Engineered for longevity and trouble-free service
- Upgrade solution for existing doors
- Can be used with automatic door operators



FAIL SAFE & SECURE

FEATURES

- Surface mounted or mortice fitted solutions
- 15mm(0.591") x 25mm(0.984") throw stainless steel bolts
- Stainless Steel cranked lever handle provides one handed means of exit during alarms or power failure
- Tested to over 1,000,000 cycles
- Suitable for doors 2.2m(86.614") high and extensions available for taller doorsets
- Steel core fixings and bolt keeps supplied suitable for timber frame – alternative keeps can be supplied upon request
- Optional Bolt Enhancement packs available for blast applications
- Bolt and deadlocking status monitoring as standard for each lock
- 12V DC as standard, 24V DC optional
- Fail Safe and Fail Secure
- Cylinder guard protection available up to LPS 1175:SR6 when fitted to certified doorsets

BENEFITS

- Swipe in & out but free exit in the case of power failure whilst maintaining external security
- Solenoid bolt retraction
- Mechanical key entry in case of power failure
- Tested on specific doorsets up to LPS 1175:SR6
- Engineered for longevity and trouble-free service



FAIL SECURE

FAIL SAFE



LPS 1175 SECURITY RATING (on selected doorsets)	SR 2	SR 3	SR 4	SR 5	SR 6	Blast - For details contact our Technical Dept EN1522/23 FB1- FB7 & FSG	EN1125/EN179/UL305 BS476 PT22/EN1634-1/UL10C - up to 4 hours
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Above performance results are based on independent third party testing or assessment on selected doorsets

Moorgate – Multi Point Gate Lock

The Moorgate is a multi-point lock specially designed for securing sliding or hinged gates, doors and hatches. Two inverted hooks and a central aligning bolt deadlock until the access control mechanism is activated, automatically unlocking The Moorgate and allowing the user to manually retract the shoot bolt (solenoid unlocking).

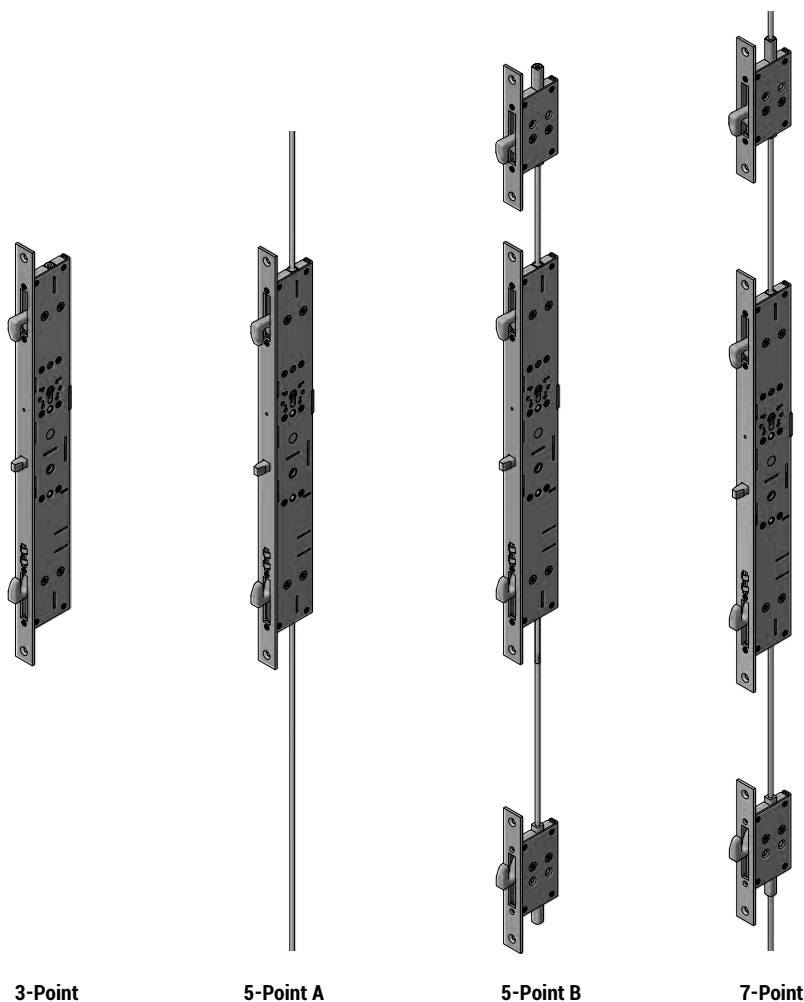


FEATURES

- Full Stainless steel construction
- 10mm(0.394") thick x 45mm(1.772") projection inverted hook-bolts, resist gate lift-off
- Central aligning guide bolt
- Automatic engaging and deadlocking (manual deadlocking optional) upon gate closure
- Robust keep arrangement
- 12V DC fail secure as standard
- 24V DC fail secure available
- 12V DC or 24V DC fail safe options available
- 24V Motorised locking option available
- Tested to LPS 1175 Security Rating SR3, when fitted on selected gates
- External key override in case of power failure, optional
- Additional top & bottom vertical bolts and ancillary hook bolts available for taller gates

BENEFITS

- Engineered for longevity and trouble-free service
- Automatic re-securing upon gate closure
- Life safety optional exit, BSEN 179 compliant
- Remote monitoring of lock/bolt status as standard
- Available with Access Control or Motorised capability
- Available for mortice or surface mounting



LPS 1175
SECURITY
RATING
(on selected doorsets)

SR
3

CE



3-Point

5-Point A

5-Point B

7-Point

For over 50 years Surelock McGill has been a manufacturer of high security locking systems and door furniture. To support our wide network of installers and security integrators, Surelock McGill have designed and manufactured installation kits to retro-fit a Surelock McGill system.

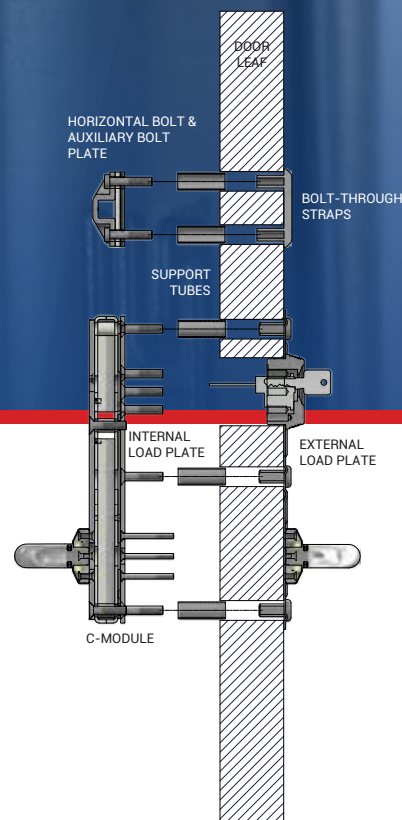
The need for retro-fitting a new lock onto an installed door could be due to many reasons such as upgraded security requirements on a site or a need to improve safety and accessibility such as fitting a panic exit device or access control system.

FEATURES

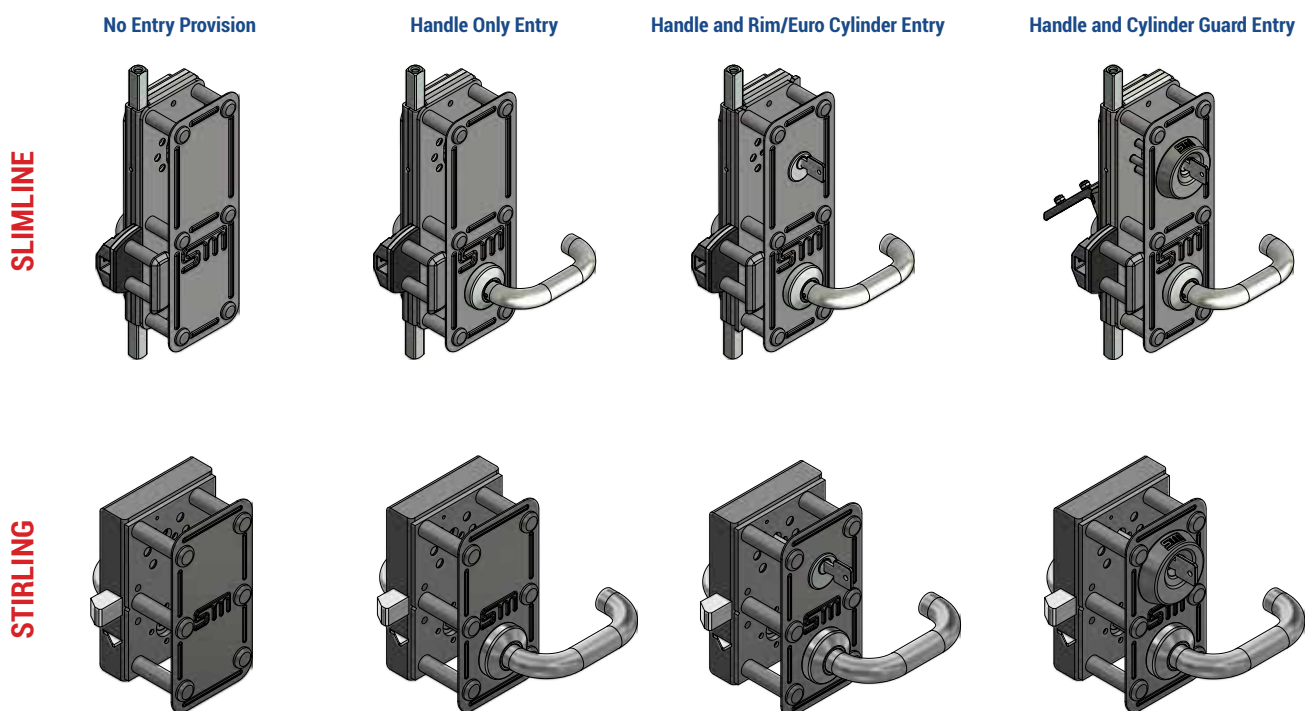
- 316 grade stainless steel external plate and mounting straps.
- Internal 5mm(3/16 Inch) center module load plate for ease of installation.
- 9 step ordering code allows you to request kit exactly as per your system requirements.
- Through bolt kits available for most popular Surelock McGill systems including Slimline and Stirling. Contact Sales office for more information.
- Hardware fixings can be provided for varying threads and door thicknesses.
- Kit enables certain devices including centre modules, guide brackets, panic plate/bar units, and auxiliary bolting units to be bolted through the door into a secure plate on the opposite side.

BENEFITS

- Simple design allows for quick installation.
- Straps and plates ensure that device is fitted securely.
- Through Bolt kits are available to support common modes of operation.
- Retrofit upgrade for security or functionality of locking systems in existing applications.



Example kits for Slimline and Stirling systems



ADO's

Automatic door operators suitable for use on single and double leaf doorsets and installed on either the internal or the external side of the doorset. Optional shaft extensions can be added to accommodate various distances between the operator and door arm.

ADO 200

FEATURES

- Operates doors up to a maximum weight of 200kg(441lbs) for internal and external leaves
- Maximum door width of 1400mm(55.118") for both internal and external leaves
- Power supply 115/230Vac +/- 10%, 50-60Hz
- A working temperature range of -15°C to +50°C
- Protection degree IP31
- Power supply of external accessories is 24Vdc
- Opening time (95°) is 4-12 seconds/ Closing time (95°) is 5-15 seconds
- Electric motor and power supply of external accessories is 24Vdc
- Door operator must be connected to a 5amp un-switched fused spur



ADO 200

BENEFITS

- Suitable for use on escape routes
- Suitable for use on fire doors for up to 120 minutes
- Battery options available in case of power failure

ADO 300

FEATURES

- Operates doors up to a maximum weight of 300kg(661lbs) for internal leaves and 250kg(551lbs) for external leaves
- Maximum door width of 1400mm(55.118") for both internal and external leaves
- Power supply 115/230Vac +/- 10%, 50-60Hz
- Power 120W
- A working temperature range of -15°C to +50°C
- Protection degree IP31
- Electric motor and power supply of external accessories is 24Vdc
- Opening time (95°) is 4-12 seconds/ Closing time (95°) is 5-15 seconds
- Door operator must be connected to a 5amp un-switched fused spur



ADO 300

BENEFITS

- Suitable for use on escape routes
- Shaft extensions available to accommodate various site applications

ADO Charts

Weight vs width for articulated arms

The relation between height and width of a door leaf must be less than 5:1



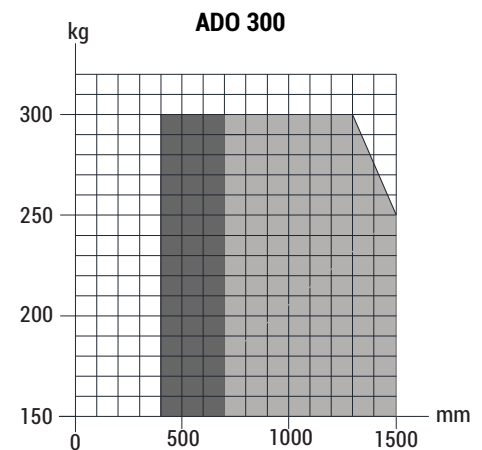
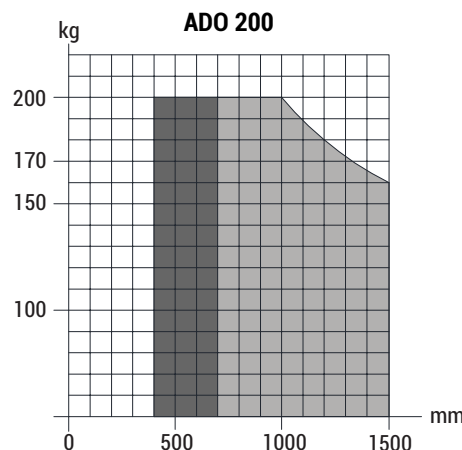
Usable leaf length and weight



Usable leaf length and weight with different fastening dimensions
Assembly drawings available upon request



UNUSABLE leaf length and weight



Key and Asset management Cabinets

From our range of key management systems comes the IQ key and storage management cabinets. Locked in place using RFID tag and locks, key/bunches and individual assets can be secured. Access to the keys and/or items is granted through a PIN code and/or card with alternative verification options available.

IQ100 WALL KEY CABINET

FEATURES

- 100 RFID key places
- Graphics control program
- Built-in dual core computer
- Built-in touch screen LCD monitor
- Built-in proximity card reader
- TCP/IP ethernet protocol
- SSD system drive
- Backup memory
- Up to 30,000 events stored
- Made from steel
- Multi card and fingerprint reader, staggered key modules and facial recognition available
- Recommended to be connected to a 3amp un-switched fused spur



BENEFITS

- Software can integrate with other systems
- Modular design – can be customised to suit users' needs
- Built-in battery in the event of a power failure
- Remote access allows security and control over the entire process

IQ BOX STORAGE CABINET

FEATURES

- 2 up to 180 intelligent box places
- Graphics control program
- Built-in dual core computer
- Built-in touch screen LCD monitor
- Built-in proximity card reader
- TCP/IP ethernet protocol
- SSD system drive
- Backup memory
- Up to 30,000 events stored
- Made from steel
- Windows storage boxes available
- Mini box modules, multi card and fingerprint reader, and facial recognition available
- Recommended to be connected to a 3amp un-switched fused spur



BENEFITS

- Software can integrate with other systems
- Modular design – can be customised to suit users' needs
- Built-in battery in the event of a power failure
- Remote access allows security and control over the entire process

Key and Asset management Cabinets

From our range of key management systems comes the IQ key safe management cabinet. Secured inside a safe, access to the key/ bunches and individual items can be gained through using an external mechanical key, digital combination lock or keypad. To remove any items secured by RFID tags a correct PIN code and /or card can be used.

IQ40 SAFE KEY CABINET

FEATURES

- 40 RFID key places and keys
- Graphics control program
- Built-in dual core computer
- Built-in touch screen LCD monitor
- Built-in proximity card reader
- TCP/IP ethernet protocol
- SSD system drive
- Backup memory
- Up to 30,000 events stored
- Made from steel
- Multi card and fingerprint reader, staggered key modules and facial recognition available
- Recommended to be connected to a 3amp un-switched fused spur

BENEFITS

- Software can integrate with other systems
- Modular design – can be customised to suit users' needs
- Built-in battery in the event of a power failure
- Remote access allows security and control over the entire process



GUN CABINET

FEATURES

- Minimum of 2 to Maximum 40 rifle holders
- Graphics control program
- Built-in dual core computer
- Built-in touch screen LCD monitor
- Built-in proximity card reader
- Optional fingerprint reader
- Optional alcotesting Module
- Optional facial recognition module
- TCP/IP ethernet protocol
- SSD system drive
- Backup memory
- Up to 30,000 events stored
- Made from steel
- Recommended to be connected to a 3amp un-switched fused spur

BENEFITS

- Restrict access via Alcotesting, fingerprint recognition and more.
- Monitor each time a rifle is removed, with record of the timing and individual.
- Software can integrate with other systems
- Modular design – can be customised to suit users' needs
- Built-in battery in the event of a power failure
- Remote access allows security and control over the entire process



Traditionally a type of lock used for securing safes, combination locks offer a unique method of keyless entry that can be powered remotely via a battery, giving a great degree of flexibility as an access control device.

Certain combination devices can be fitted to a Surelock locking system to provide operation via wireless network, or alternatively devices can be operated using a Bluetooth connected mobile device. Using this type of configuration can give a high level of detail when auditing access into an area.



S&G AxisBlu

FEATURES

- Leverages the latest Bluetooth upgrades to bring the technology up to S&G's stringent security standards.
- Bluetooth range up to 30 feet.
- Firmware enhancements allows the proven Titan lock body to function securely with a mobile device using Bluetooth technology
- Pair up to 5 mobile devices along with ten users.
- Compatible with Android and Apple mobile devices that support Bluetooth 4.2.
- Two modes of operation: multi-user, manager/employee
- Standard S&G Magic Module footprint to match the mounting dimensions of most mechanical and electronic locks.
- Universally handed and reversible: Left hand, right hand, vertical up or vertical down mounting.

BENEFITS

- New functionality and multiple levels of authentication in mobile devices make AxisBlu's Bluetooth connectivity a reliable, fully secure method of access.
- Remote access for Multiple users without requirement for keypad.



Spartan

FEATURES

- Two modes of operation: STAR and BASIC.
- Field programmable from keypad.
- One million six-digit PINS to choose from.
- One master code, one user code.
- Management reset code.
- Manager can add, delete or enable/disable temporary status at any time.
- Motor-driven locking mechanism.
- Penalty lockout after three wrong code entry attempts.

BENEFITS

- Penalty lockout & six-digit pin combination prevents repeated unauthorised attempts at unlock.
- Separate management reset code & user code prevents users from resetting the pin code.
- Long-lasting battery reduces need for wiring.



S&G NexusIP

FEATURES

- Real-time monitoring and control via secure WiFi connection
- Change access, set schedules, receive real-time alerts.
- Easily program networked locks via user-friendly software interface.
- Maintains connectivity through existing hardwiring
- Leverages external power as main source and batteries as a backup
- Assign four independent schedules for up to 100 users.
- Set up to four opening windows per day for each schedule.
- Enable and disable the lock.
- Download audit trails.

BENEFITS

- Remote access control via wireless network.
- Centrally controlled safe lock security for one lock or a multi-lock location network.
- Easily add, delete, enable, or disable users and program schedules.



Titan

FEATURES

- Two modes of operation: STAR and BASIC.
- Field programmable from keypad.
- One million six-digit PINS to choose from.
- One master code, one supervisor code and seven user codes.
- Management reset code (not available if lock is set to dual control mode).
- Time delay override code.
- Three modes of operation: multi-user, dual control and manager/employee
- Newly designed, motor-driven locking mechanism for an extra measure of security and longer battery life.
- Optional Bolt Position Indicator (BPI) module can trigger alarms, CCTV recorders, or virtually any relay activated security device (requires BPI module).

BENEFITS

- Penalty lockout & six-digit pin combination prevents repeated unauthorised attempts at unlock.
- Separate management reset code & user codes prevents users from resetting the pin code.
- Ability to set up multiple users
- Long-lasting battery reduces need for wiring.

Surelock McGill have developed and manufacture a range of high performance cylinder guards designed to provide protection of the cylinder against various levels of physical attack.

The cylinder guards have been tested to the latest LPS 1175 standards, meeting security levels from SR2 – SR6. These guards are manufactured to suit doors between 40mm (1.574 in) and 100mm (3.937 in) thick.

The design enables the guard to accept either a Euro-profile, Scandinavian oval, or round rim cylinder, it will accommodate the majority of commercially available cylinders. The cylinder guard has 6No. M8 fixings offering maximum security.



FEATURES

- Provides security to external cylinders to LPS 1175 security ratings 1, 2, 3, 4, 5 and 6 when fitted on certified doors
- Fits wide range of Rim, Scandinavian Oval and Europrofile Cylinders
- Suitable for use with surface mounted and mortice fitted locks
- Modular design
- Corrosion resistance to EN 1670 grade 5
- Supplied with 5 packers (9mm)(0.354") to suit most cylinders
- EN1906 Compliant
- Tested to EN1627 to RC4 on GSS4 cylinder guard and to RC5 on the GSS6 cylinder guard

ORDER CODES

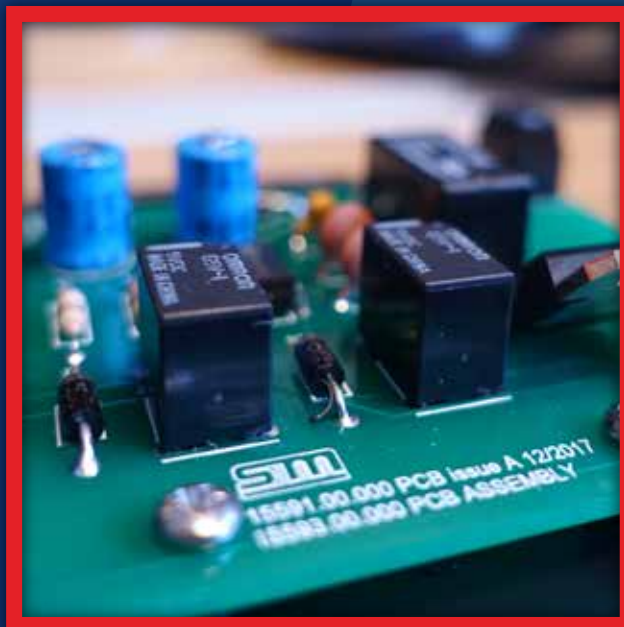
Product Range First 3 digits	Security Rating 4th digit	Cylinder Profile 5th digit	Fixings 6th digit	Fixing Plate 7th digit
GSS = Steel cylinder guard for surface mounted locks GMS = Steel cylinder guard for morticed locks	1 = LPS 1175 SR1 2 = LPS 1175 SR2 3 = LPS 1175 SR3 4 = LPS 1175 SR4 5 = LPS 1175 SR5 6 = ULTIMATE	E = for Europrofile Cylinders S = for Scandinavian Oval Cylinders R = for Rim Cylinders A = for Abloy Rim Cylinders	0 = No fixings supplied 4 = Supplied with 40mm(1.575") fixings 5 = Supplied with 50mm(1.968") fixings 6 = Supplied with 60mm(2.362") fixings 7 = Supplied with 70mm(2.756") fixings 8 = Supplied with 80mm(3.150") fixings 9 = Supplied with 90mm(3.543") fixings <i>Order fixings over 90mm(3.543") separately</i>	0 = Supplied without a fixing plate 1 = Supplied with a fixing plate

FIXING LENGTH	STANDARD CYLINDER FIXING METHOD	OPTION W15 (5mm (0.196") load plate cylinder guard fixing)	OPTION W14 (BOLT THROUGH CYLINDER GUARD FIXING)
DOOR THICKNESS			
40mm (1.574")	40mm (1.574") to 50mm (1.968")	35mm (1.377") to 45mm (1.771")	
50mm (1.968")	50mm (1.968") to 60mm (2.362")	45mm (1.771") to 55mm (2.165")	
60mm (2.362")	60mm (2.362") to 70mm (2.755")	55mm (2.165") to 65mm (2.559")	
70mm (2.755")	70mm (2.755") to 80mm (3.149")	65mm (2.559") to 75mm (2.952")	40mm (1.574") to 50mm (1.968")
80mm (3.149")	80mm (3.149") to 90mm (3.543")	75mm (2.952") to 85mm (3.346")	50mm (1.968") to 60mm (2.362")
90mm (3.543")	90mm (3.543") to 100mm (3.937")	85mm (3.346") to 95mm (3.740")	60mm (2.362") to 70mm (2.755")
Screw length for option W14 subject to change when any packing options are introduced			

Standard package order codes (when ordered with a locking system)

CODE	ENHANCEMENT
GSS2R5	SR2 Rim latch cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS2S51	SR2 Scandinavian oval cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS2E51	SR2 Euro-profile cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS3R5	SR3 Rim latch cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS3S51	SR3 Scandinavian oval cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS3E51	SR3 Euro-profile cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS4R51	SR4 Rim latch cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS4S51	SR4 Scandinavian oval cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS4E51	SR4 Euro-profile cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS5R51	SR5 Rim latch cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS5S51	SR5 Scandinavian oval cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS5E51	SR5 Euro-profile cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS6R51	ULTIMATE Rim latch cylinder - to suit 50-60mm(1.968-2.362") thick door
GSS6S51	ULTIMATE Scandinavian oval to suit 50-60mm(1.968-2.362") thick door
GSS6E51	ULTIMATE Euro-profile cylinder - to suit 50-60mm(1.968-2.362") thick door





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 who secure the country]**