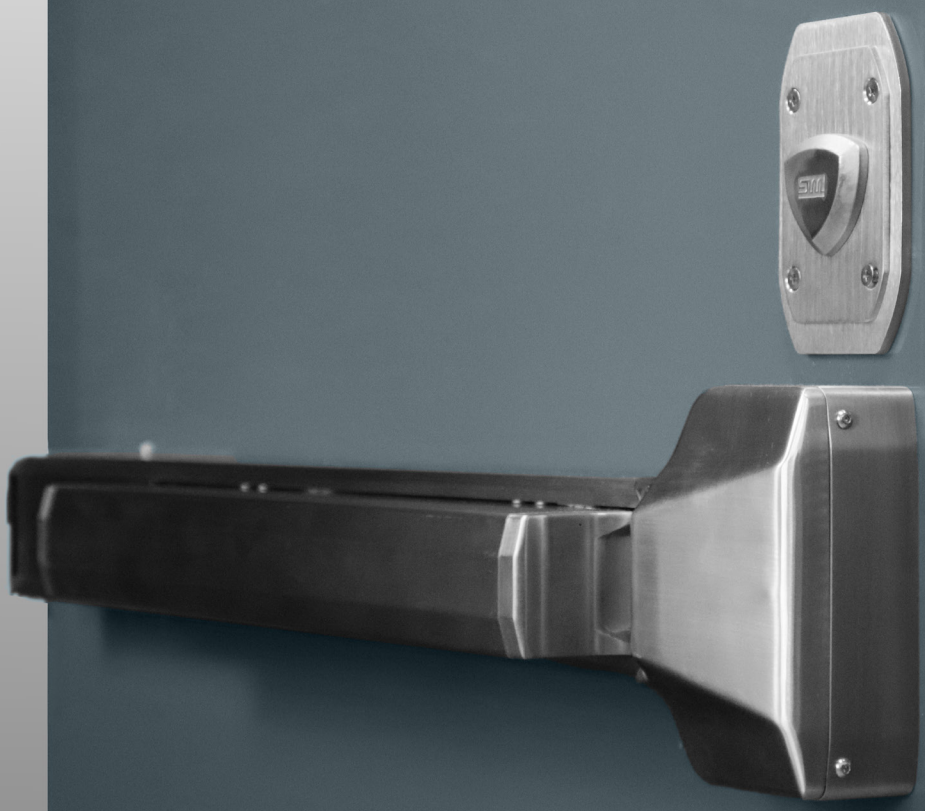
Surelock McGill

SLIMLINE

Government and Critical Infrastructure Locking Systems

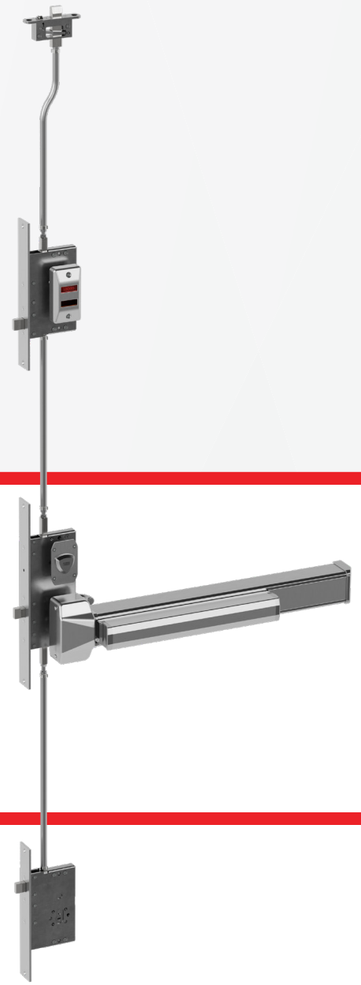


NASL-020-09/03/26

Government facilities require hardware capable of protecting people, assets, and critical infrastructure against a wide range of physical threats. At the same time, door hardware must support life safety, fire protection, and reliable day-to-day operation while integrating with modern access control systems.

The Slimline multi-point locking system has been tested and certified to internationally recognized standards for resistance to forced entry, blast, ballistic attack, and fire. The Slimline combines exceptional physical security, flexible access control, and code-compliant emergency egress for government and critical infrastructure facilities.

Available with key operation, electronic access control, or life safety exit devices, the system is manufactured from Grade 316 stainless steel for long-term durability in demanding environments.



FEATURES & BENEFITS

- Mortise mounted
- Proven rack & pinion mechanism
- 5/8" x 1" stainless steel locking bolts with 1" throw
- Tested to over 1,000,000 cycles
- Grade 316 stainless steel construction
- Certified to a range of US and international standards
- Engineered for longevity and trouble-free service
- Provides the greatest selection of operational functionality

BOLT FUNCTIONS

Auto Bolting

The Slimline automatically extends all locking bolts when the door closes, eliminating the need to manually secure the opening. This ensures the door returns to a fully locked condition after every cycle, improving security while reducing the risk of human error.

LOCK FUNCTIONS

Auto Deadlocking (Storeroom Function)

The outside lever remains locked at all times and can only be operated with a key or authorized credential. When the door closes, the Slimline automatically returns to the locked position, ensuring the opening is always secured after each use.

Manual Deadlocking (Classroom Function)

The outside trim can be unlocked with a key, allowing the key to be removed while the opening remains in passage mode. This function is ideal for facilities that require unrestricted access during occupied hours and secure access after hours.

SLIMLINE

ENTRY FUNCTIONS

The Slimline supports multiple methods of authorized entry, allowing each opening to be configured for its intended level of security and operation.

Access Control and Lever handle Entry

The Slimline supports integration with electronic access control systems, allowing entry to be managed through authorized credentials. A mechanical key override is available as an option to maintain secure access during power interruptions or system failures.

Key and Lever handle Entry

The Slimline provides secure, mechanical entry using a key and lever. Turning the key releases the outside lever, allowing the door to be opened.

EXIT FUNCTIONS

Touch Bar

The Touch Bar for the mortised Slimline combines code-compliant emergency egress with exceptional physical security. A single push retracts all locking bolts for immediate exit, while the system automatically re-bolts when the door closes to restore security.

Certified to BHMA A156.3 Grade 1 and UL 305, it is well suited for government, data center, and other high-security applications where life safety and security are equally critical.



Lever Handle

The Slimline lever handle is designed for large, heavy security doors where reliable operation is essential. Its robust construction provides smooth operation and long-term durability in demanding, high-traffic environments.



HS HANDLE WITH EXTERNAL TRIM PLATE AND GMSAR GUARD

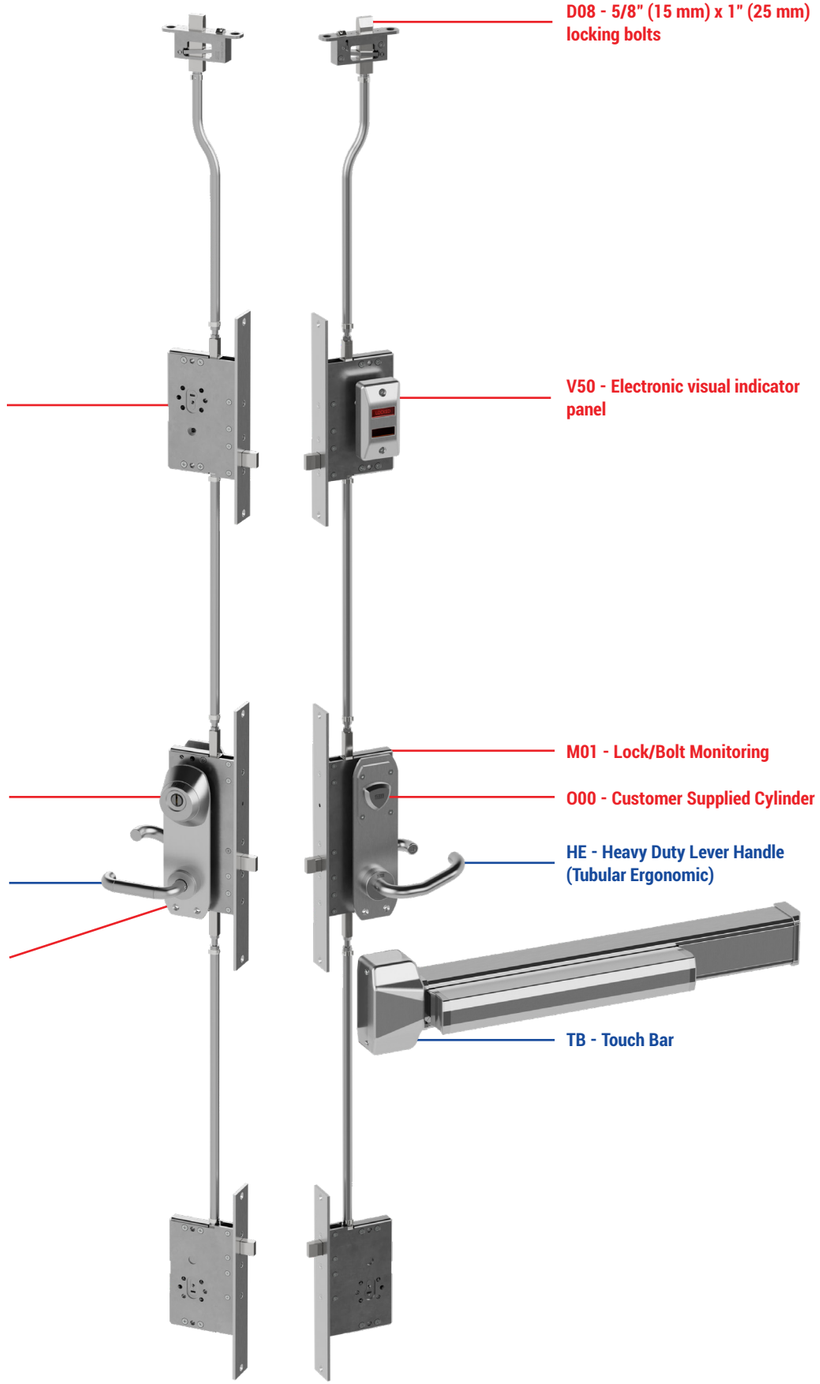


HE HANDLE WITH INTERNAL TRIM PLATE

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OUTSIDE SHOWING SLIMLINE MORTISE CONFIGURATION

INSIDE SHOWING SLIMLINE MORTISE CONFIGURATION



SLIMLINE - SYSTEM OPTION CODES



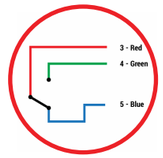
D08 - 5/8" (15 mm) x 1" (25 mm)
For increased forced entry protection, with 5/8" x 1" stainless steel locking bolts



H42 - External trim plate
The external handle and trim plate assembly provides a durable operating interface for the Slimline locking system. It is available for both mechanical key and electronic access control applications and is designed for long-term reliability in demanding environments.



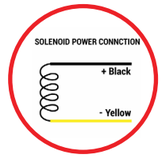
K36 - 24V Lockdown Module
Auxiliary modules including fail safe 24V electric lockdown and status monitoring



M01- Lock/Bolt Monitoring
The M01 provides continuous monitoring of the primary locking bolt and lock mechanism, supplying independent status signals to the access control system. This enables remote verification that the opening is securely locked and operating as intended.



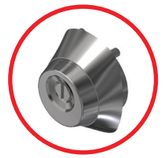
O00 - Customer Supplied Cylinder
Customer supplied cylinder



R01- 24V fail secure solenoid
24V access control "fail secure" solenoid in the internal deadlocking mechanism



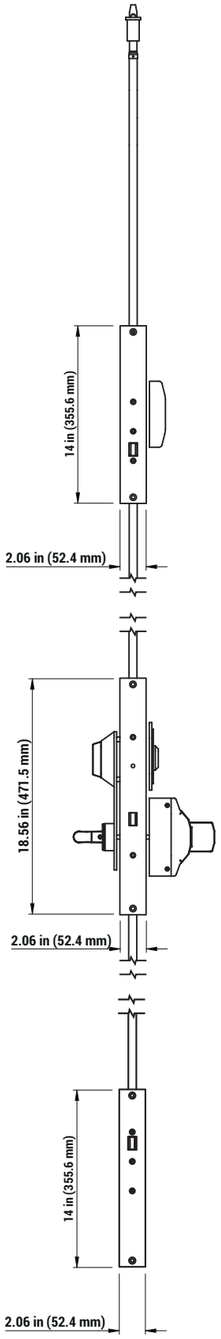
V50 - Electronic Visual Indicator
The EVIP provides immediate visual confirmation of the door's current operating condition. An amber indicator alerts personnel that the opening is unsecured (AJAR), while a red indicator confirms the system is in lockdown (LOCKED), preventing entry or exit until the lockdown condition is cleared.



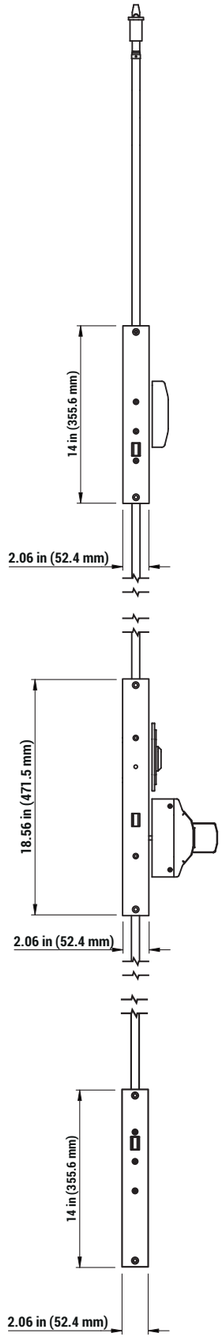
W14 - Cylinder Guard
Bolt-through cylinder guard mounting for more efficient cylinder replacement

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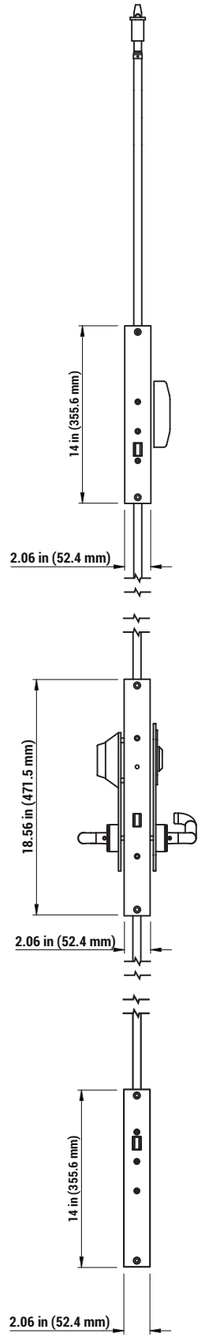
SYSTEM TECHNICAL DRAWINGS



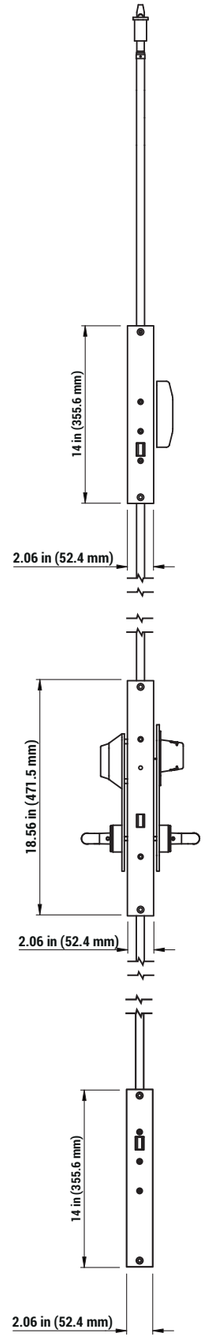
KEY/LEVER ENTRY - TOUCH BAR EXIT



TOUCH BAR EXIT ONLY



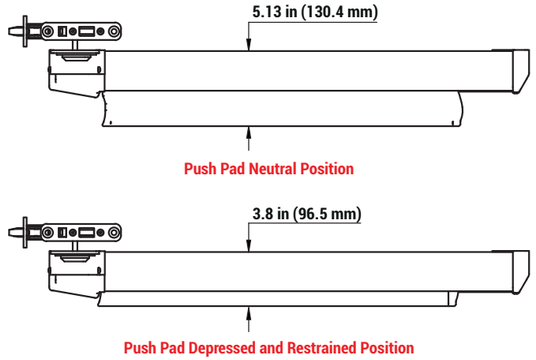
KEY/LEVER ENTRY - LEVER EXIT



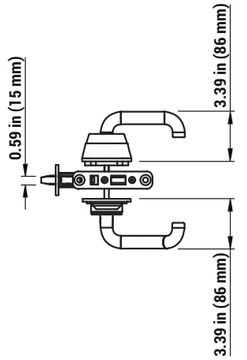
KEY/LEVER ENTRY - KEY/LEVER EXIT

SLIMLINE - TECHNICAL INFORMATION

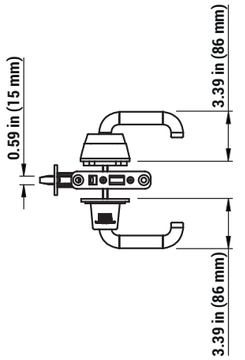
ACTUATOR TECHNICAL DRAWINGS



TOUCH BAR EXIT ONLY



KEY/LEVER ENTRY - LEVER EXIT



KEY/LEVER ENTRY - KEY/LEVER EXIT

CODE BREAKDOWN

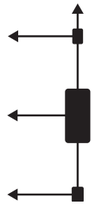
Use the charts and guides below to configure the Slimline system to mach your requirements.

EXAMPLE ORDER CODE: SM4C-AMHS-AA-LMTB-LO-D08H42K36O00R01V50W14W32

1 2 3 4 5 6 7 8 9 10 11 12

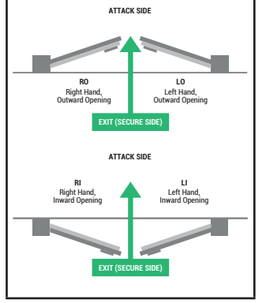
PRODUCT		ENTRY		SECURING		EXIT	
1. RANGE	2. BOLTS	4. UNLOCKING		7. UPON DOOR CLOSURE		8. UNLOCKING	
SM Slimline	4	X	None - Exit only	AA	Auto bolting / Auto deadlocking (Storeroom)	K	Key
3. BOLT DIRECTION		K	Key			L	Single motion egress
C	3 horizontal bolts, 1 vertical bolt	A	Access control	AM	Auto bolting / Manual deadlocking (Classroom)	9. BOLT RETRACTION	
		5. BOLT RETRACTION				M	Manual
		M	Manual			10. OPERATOR	
		6. OPERATOR				HE	Heavy duty lever handle (tubular ergonomic)
		XX	None			HS	Heavy duty lever handle (tubular straight)
		HS	Heavy duty lever handle (Tubular straight)			TB	Touch Bar (see datasheet for full code)

BOLT DIRECTIONS



No. Bolts (4)
Direction (C)

11. HANDING GUIDE



12. OPTION CODE	DESCRIPTION
D08	15 mm x 25 mm Bolts
H42	External trim plate
K36	Auxiliary modules including fail safe 24V electric lockdown and status monitoring
M01	Electrical monitoring of bolt/lock status
O00	Customer supplied cylinder
R01	24V access control "fail secure" solenoid
V50	Electronic visual indicator
W14	Bolt-through GSS/SMS cylinder guard mounting
W29	Specific hardware modifications - N
W32	Specific hardware modifications - H
W34	Specific hardware modifications - K

Intellectual Property Rights
All Surelock products are subject to intellectual property rights. These include pending and approved patent and design rights, in particular to the Slimline and Touch Bar: EP2311/2115252, US8616591, GB2213884.6, US12559984, GB2213003.3, US12312838B2, GB2317140.8 & US18/938827 GB2400755.1, GB2404516.3, EP25152658.8, US18/425059 & US18/621347. In accordance with our policy of continual development and improvement we reserve the right to make changes in design and specifications without notice.

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