

ELECTRO-MECHANICAL LOCKS

UNLATCH® & MORTISE UNLATCH® ELECTRONIC STRIKES



THE UNLATCH®

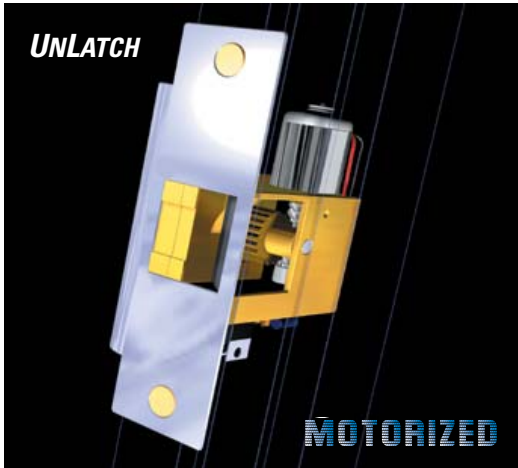
In 1999, Securitron revolutionized the Electric Strike industry by introducing the UNLATCH. This patented product directly screws into the existing door frame in seconds, with no frame routing needed. The installation is fully concealed for maximum security and aesthetic appeal. UNLATCH supports full dead latch function, releases under pressure and includes a latch status sensing output as a standard feature. The original UNLATCH operates cylindrical/tubular latches only.

THE MORTISE UNLATCH®

The Mortise UNLATCH (MUNL) extends unlatch technology to mortise locks. All the amazing benefits of the original UNLATCH are retained and a dramatic new one is added: the Mortise UNLATCH includes field adjustability for latch and deadlatch positions so that one model works with all North American mortise locks. This eliminates the considerable hassle of matching up the electric strike model with the mortise lock type. You only need to determine whether the door has a cylindrical or mortise type lock to select the perfect UNLATCH for the job!

ELECTRO-MECHANICAL LOCKS

UNLATCH® & MORTISE UNLATCH® ELECTRONIC STRIKES



PRODUCT FEATURES

- Fits standard ANSI 4-7/8" strike cutout
- No cutting on the jamb required
- Motorized, no solenoids
- Fully concealed installation
- Maintains dead-latch function at all times
- Releases under pre-load
- Latch status sensor is standard
- **UL Listed**

UNLATCH APPLICATIONS

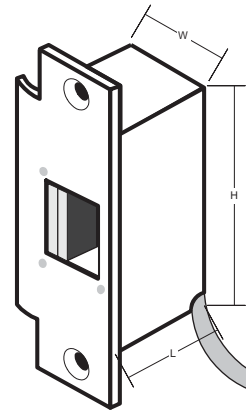
UNLATCH is for any application where an electric strike would be used for a cylindrical/tubular lockset. A single UNLATCH model will operate any North American cylindrical type spring latch and dead latch. There is no need to determine the specific brand of latching hardware, the UNLATCH accepts all of them. Similarly, the same UnLatch model can be installed on all door types: steel, aluminum or wood. Problems of ending up with the wrong electric strike model for the door or latch type are eliminated.

CURRENT DRAW and VOLTAGE

12VDC-40mA continuous, minimum 300mA when operating
 24VDC-40mA continuous, minimum 200mA when operating
 Higher capacity supply (1-3 Amps) is recommended for startup inrush to achieve best operation under pre-load.

DIMENSIONS

3 3/8" x 1 3/8" x 1 7/16" [86mm x 35mm x 36mm]



HOW TO ORDER

PART#	DESCRIPTION
UNL-12	UNLATCH For Cylindrical Locks, 12 VDC
UNL-24	UNLATCH For Cylindrical Locks, 24 VDC



PRODUCT FEATURES

- Fits standard ANSI 4-7/8" strike cutout
- No cutting on the jamb required
- Motorized, no solenoids
- Fully concealed installation
- Maintains dead-latch function at all times
- Releases under pre-load
- Latch status sensor is standard
- One model works with all North American Mortise Locks*
- **UL Listed**

MORTISE UNLATCH APPLICATIONS

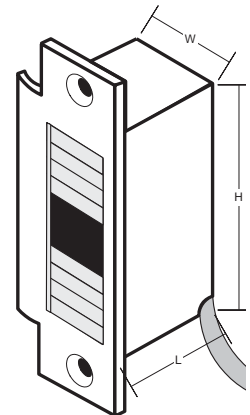
Mortise UNLATCH is for any application where an electric strike would be used for a mortise type lock. The MUNL is an electronic strike that easily screws into the existing door frame. There is no need for routing a special cut-out. Installation is fully concealed. The MUNL will operate any North American mortise lock and installs in wood, steel, or aluminum door frames and is field adjustable to work with any make or model of mortise lock. The Mortise UNLATCH releases under pressure and includes a latch status monitoring output as a standard feature.

CURRENT DRAW and VOLTAGE

12VDC-40mA continuous, minimum 600mA when operating
 24VDC-40mA continuous, minimum 300mA when operating
 Higher capacity supply (1-4 Amps) is recommended for startup inrush to achieve best operation under pre-load.

DIMENSIONS

3 5/8" x 1 7/8" x 1 1/4" [91mm x 50mm x 32mm]



HOW TO ORDER

PART#	DESCRIPTION
MUNL-12	UNLATCH For Mortise Locks, 12 VDC
MUNL-24	UNLATCH For Mortise Locks, 24 VDC

*Sargent 7800 and 8200 require tab kit model #STK-1 for retrofit installations

ELECTRO-MECHANICAL LOCKS

UNLATCH® & MORTISE UNLATCH® FUNCTION and INSTALLATION

A SINGLE MODEL MORTISE UNLATCH® FIELD ADJUSTS TO SUIT ANY BRAND MORTISE LOCK, AND ANY BOLT POSITION!



Installation of old-fashioned electric strikes require the tools and expertise to alter a door jamb. And even when properly done, results are unappealing...



...both UNLATCH and MORTISE UNLATCH require absolutely no jamb alteration! They install easily and provide a totally undetectable appearance.



UNLATCH® INNOVATION REVEALED

- 1**

AT CYCLE POSITION ONE, THE DOOR IS OPEN AND THE UNLATCH IS READY TO ACCEPT THE LATCH AND DEAD LATCH PIN.
- 2**

AT POSITION TWO, THE DOOR HAS CLOSED AND A FULLY EXTENDED LATCH IS CAPTURED WHILE THE DEAD LATCH PIN IS HELD BY ITS CORRESPONDING PLUNGER. THE DOOR IS NOW SECURE.
- 3**

THE MOTOR ACTIVATES, RELEASING THE DEAD LATCH PIN AND BOTH PLUNGERS...
- 4**

...SIMULTANEOUSLY PUSH FORWARD IN ONE-THIRD OF A SECOND, RELEASING THE DOOR.

FINALLY, THE UNLATCH'S ELECTRONIC BRAIN BRINGS THE UNIT BACK TO POSITION ONE, READY TO SECURE THE DOOR AGAIN.

UNLATCH LISTINGS

UL File: R18923

Category: GXAY & GXAY7 Electric Strike for Fire Door

PATENTS

U.S. Patent #5,474,342 and #6,022,056
Other US and Foreign Patents Pending