

# 1600 Series

## Electric Strikes

- **12/24 VDC/VAC**
- **Fail-Safe/Fail-Secure**
- **Status Monitor Switches**
- **Fully Adjustable**



### Description

DynaLock 1600 Series Electric Strikes are universally adaptable to suit all door and frame types and accommodate most locking devices with up to a 3/4" latch projection. To simplify ordering and speed installation all 1600 Series models feature 12/24V AC/DC field-selectable operation, dial-selectable fail-safe or fail-secure operating mode, 1/4" horizontal adjustment and modular, plug-in wire connections.

All models are also available in a low-profile, 1-1/16" backset version, for narrow-style aluminum frames, which accept up to a 5/8" latch projection. Optional latch/keeper monitor switches are also available.

Typical applications include non-fire rated doors in most commercial, industrial and institutional centers, retail outlets and health care facilities.

### Features

- Field Selectable Lock Mode
- Field Selectable Voltage
- Horizontal Adjustability
- Low Profile Version
- Plug-in Wire Connections
- UL Listed 1034 Burglary Resistant
- Tested To 70 ft. lbs. Dynamic Force
- Tested To Over 1,000,000 Cycles
- 3 Year Limited Warranty

### Options

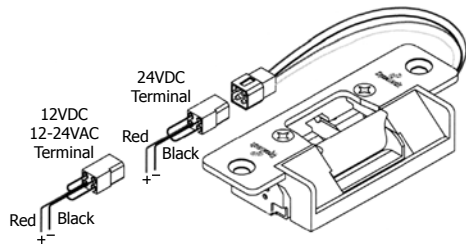
- LMS** Lock Monitor Switches. Latch/Keeper status monitor switches (see page 3 for details).
- SF** Special Finish. US32D standard. US3, US4, US10, US10B and US32 available.

# 1600 Series Electric Strike Selection

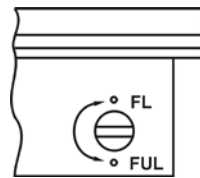
## Part Number Configuration

**16 - 05 - S - LMS - US10B**

**1600 Series Strike**  
Field Selectable Voltage  
(Shipped w/12V & 24V  
Wiring Harnesses)



Field Selectable Operation:  
Fail-Safe (Fail Unlocked - FUL)  
Fail-Secure (Fail Locked - FL)



### Finishes

- US32D** BRUSHED STAINLESS STEEL (STANDARD)
- US3** POLISHED BRASS
- US4** BRUSHED BRASS
- US10** BRUSHED LIGHT BRONZE
- US10B** BRUSHED DARK BRONZE
- US32** BRIGHT STAINLESS STEEL

### LMS Lock Monitor Switches (Optional)

Two SPDT switches monitor latchbolt projection and locked/unlocked condition of strike keeper.

### Strike Profile

The type of lock used will determine which Strike Profile to select. This is dictated by the projection of the lock latchbolt into the strike cavity.

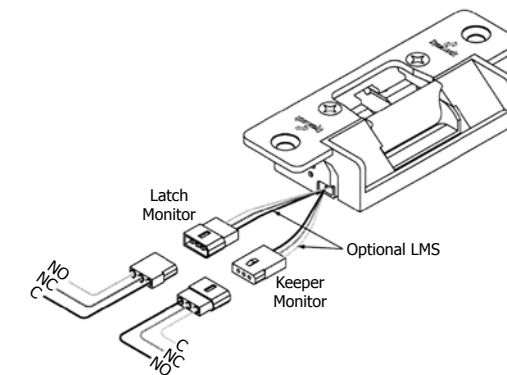
<b>"L" PROFILE</b>	<b>"S" PROFILE</b>	<b>"S" PROFILE</b>	<b>"L" PROFILE</b>	<b>"S" PROFILE</b>
<b>CYLINDRICAL LOCKS</b> (FOR 5/8" LATCH PROJECTION)	<b>CYLINDRICAL LOCKS</b> (FOR 3/4" LATCH PROJECTION)	<b>MORTISE LOCKS</b>	<b>NARROWLINE ALUMINUM LOCKS</b>	<b>MORTISE EXIT DEVICES</b>

### Latch Monitor Wires

- Black = Common (C)
- Blue = Normally Closed (NC)
- Orange = Normally Open (NO)

### Keeper Monitor Wires

- Black = Common (C)
- Yellow = Normally Closed (NC)
- Green = Normally Open (NO)

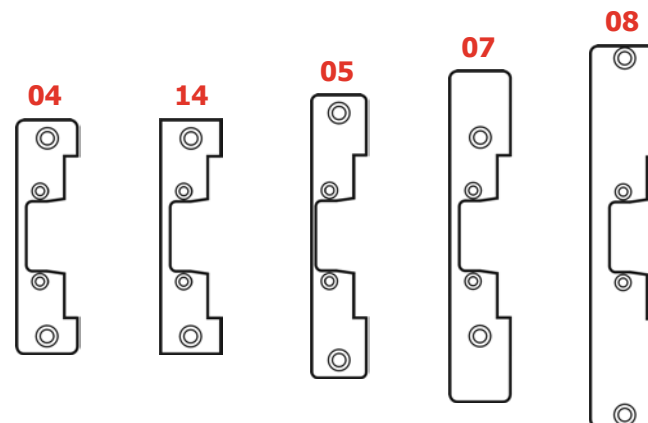


**Note:** Contacts are indicated with the keeper in a closed and locked position, with no latch present.

### Faceplate Selection

Selection of the Strike Faceplate is based on the frame jamb material.

- 04** 1-1/4" x 4-7/8" ANSI ROUND CORNER (ALUMINUM OR WOOD FRAMES)
- 14** 1-1/4" x 4-7/8" ANSI SQUARE CORNER (HOLLOW METAL OR WOOD FRAMES)
- 05** 1-1/8" x 5-7/8" ROUND CORNER (ALUMINUM OR WOOD FRAMES)
- 07** 1-1/4" x 6-7/8" ROUND CORNER (ALUMINUM OR WOOD FRAMES)
- 08** 1-7/16" x 7-15/16" ROUND CORNER (ALUMINUM OR WOOD FRAMES)



### GENERAL ELECTRICAL SPECIFICATIONS

VOLTAGE	DUTY	SOUND	AMPS*	OHMS**
12VDC	Continuous	Silent	0.375	37
24VDC	Continuous	Silent	0.190	148
12 to 24VAC	Intermittent	Buzz	0.565/0.280	148

\* Ratings are based on max. current draw @ +10°C and include initial inrush.

\*\*Nominal resistance at +25°C +/- 7%.

