

# Universal Electric Strike

## Installation Instructions



Special Locking Arrangement Component  
Electric Locking Mechanism  
Access Control Accessory

### THIS PACKAGE INCLUDES

- |                           |                             |
|---------------------------|-----------------------------|
| 1 - ANSI Square Faceplate | 2 - 12-24 x 1/2" Screws     |
| 2 - 4 PIN Power Connector | 2- #10 x 1 1/4" Wood Screws |
| 4 - Wire Nuts             | 2- #10-32 x 1/2" Screws     |
| 2 - M5 x 12mm Screws      | 2- Mounting Brackets        |

### 1. DESCRIPTION

OE-UNISTRIKE low profile grade 2 ANSI strike for cylindrical locksets offers the very best strike quality and performance, with an ANSI square stainless steel faceplate included. The 'Universal' strike design delivers unparalleled application flexibility, with field selectable voltage, fail safe/fail secure operation and mechanical adjustment of the strike body.



SKU# OE-UNISTRIKE



UL 1034 / UL 294  
Standard for Burglary-Resistant  
Electric Locking Mechanisms



ULC S533-15  
Standard for Access and Egress

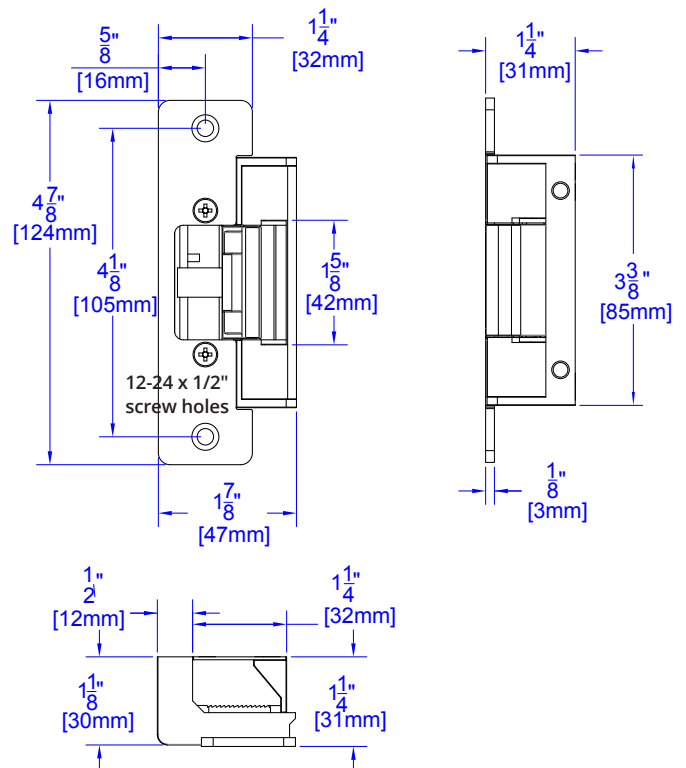
### 2. SPECIFICATIONS

<b>Voltage</b>	12/24V AC/DC
<b>Current Draw</b>	300mA@12V DC 150mA@24V DC
<b>Static Strength</b>	1,000 Lbs.
<b>Dynamic Strength</b>	50 Ft-Lbs.
<b>Endurance</b>	700,000 Cycles (Factory Tested) 250,000 Cycles (UL Verified)
<b>Mode</b>	Field Selectable Fail Safe/Fail Secure
<b>Mech. Adjustment</b>	Mechanical Strike Body/ Faceplate
<b>Operation</b>	AC-Buzz DC-Silent
<b>Duty</b>	Continuous
<b>Dimensions (Body)</b>	3 3/8" H x 1 7/8" W x 1 7/32" D (86mm x 47mm x 31mm)

#### UL 294 Performance Levels

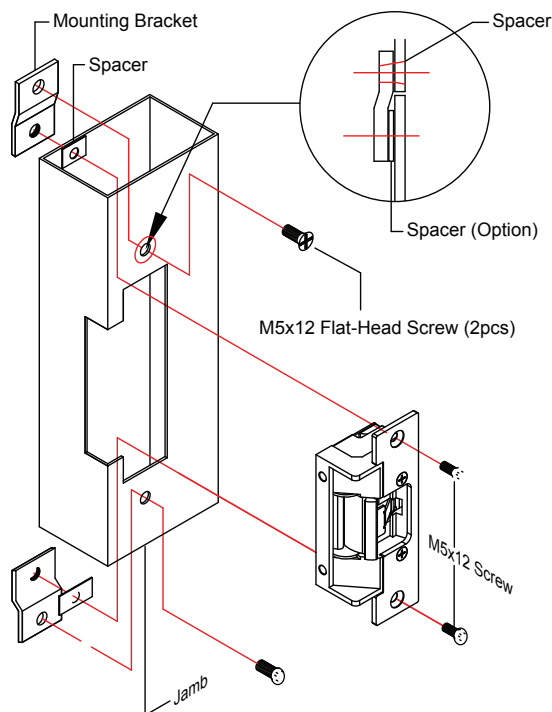
- Line Security = Level I
- Attack Level = Level I
- Endurance Level = Level IV
- Standby Power = Level I

### 3. DIMENSIONS



## 4. INSTALLATION

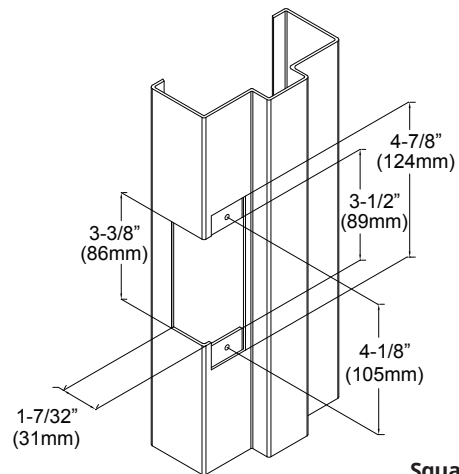
1. Prepare the door jamb as per the appropriate drawing.
2. Install mounting brackets to jamb using M5x12 screws and pressed metal nuts. Do not tighten.
3. Spacers are used to assure flush final assembly of faceplate into jamb. Add one or more spacers between jamb and mounting bracket when face plate extends beyond the jamb. When the faceplate sits inside the jamb, spacers must be added between the mounting bracket & the lip bracket. Make sure clearance hole in spacer aligns with hole in mounting bracket.
4. Connect wires coming from the low voltage side of the transformer to wires (black) from strike.
5. Secure M5x12 screws holding mounting bracket to jamb.



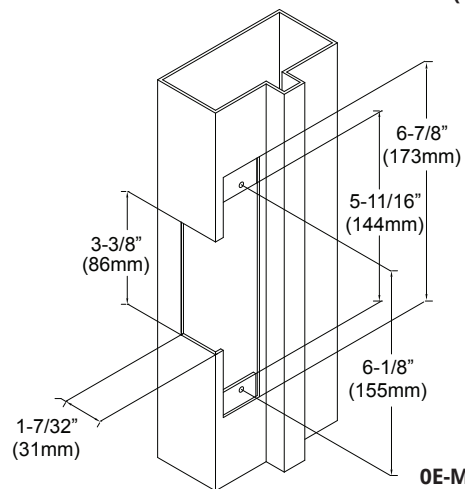
### NOTICE:

The products are intended to be installed in accordance with the installation wiring diagram, mechanical assembly drawings provided with each product, the local authority having jurisdiction (AHJ) and the National Electric Code, NFPA 70. When installed in fail secure mode, the local authority shall be consulted with regard to the use of possible panic hardware to allow emergency exit from the secure area.

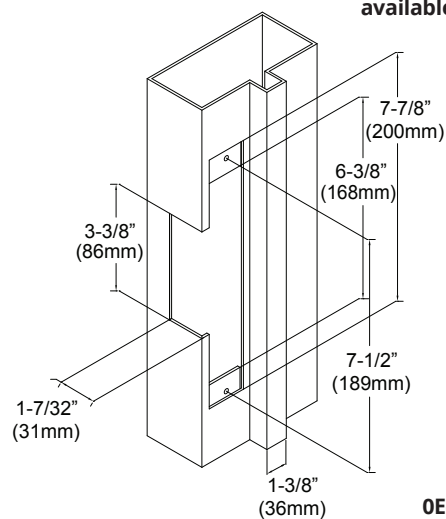
The electric door strike shall be installed in such a way and in such a location so as to not impair the operation of an emergency exit device or panic hardware mounted on the door.



**Square Faceplate  
(Included)**



**OE-METALFP  
Optional faceplate  
available (not included)**



**OE-WOODFP  
Optional faceplate  
available (not included)**

## 5. CONNECTIONS

### POWER

#### 12VDC

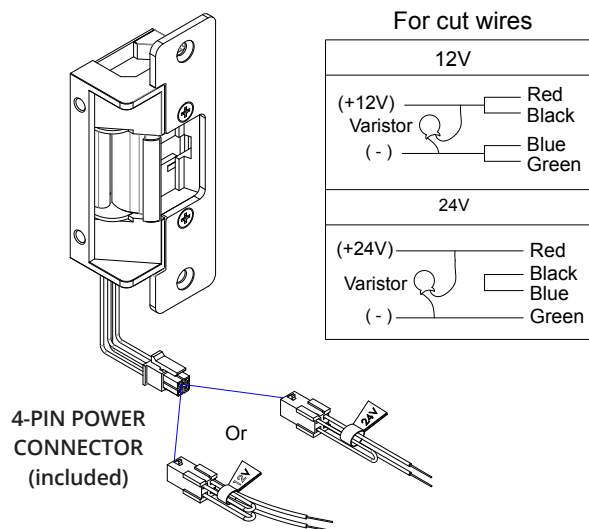
Red/Black: +12V  
Blue/Green: Ground

#### 24VDC

Red: +24V  
Black/Blue: -  
Green: Ground

A varistor is provided to protect/prevent strike from spikes. Connect varistor between input wires.

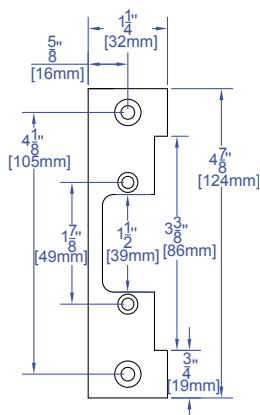
**Note:** For UL 294 / UL 1034 compliance the door strikes are to be powered via a UL 294/ UL 603 class 2 power limited output from a control panel and or power supply. Furthermore, when powered by AC/DC the units shall use a UL regulated UL 294/ UL 603 power limited class 2 output rated 12/24V with AC on indicator.



## 7. FACEPLATES

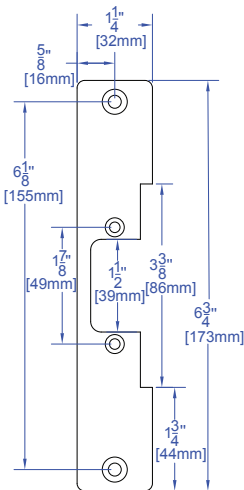
### INCLUDED

Assembled Plate is shown on Page 2.

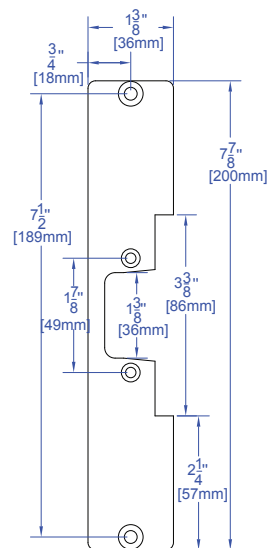


**SQUARE FACEPLATE - ANSI SQUARE**

### OPTIONAL



**0E-METALFP - HOLLOW METAL DOOR**

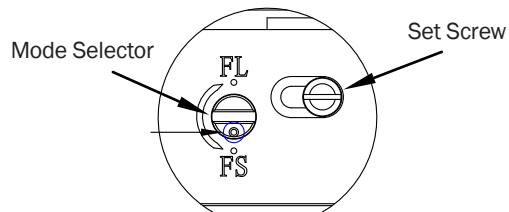


**0E-WOODFP - WOOD DOOR**

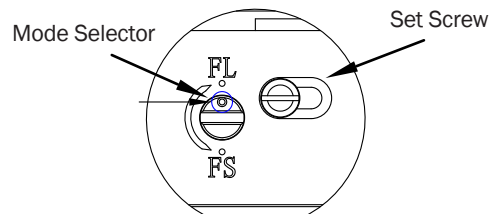
## 6. OPERATION

How to modify fail-safe to fail-secure or vice versa.

- (1) Loosen the Set Screw as per the diagram below.
- (2) Rotate the Mode Selector to the desired setting. (FL - Fail-Secure, FS- Fail-Safe). The Set Screw will slide to its new position as the Mode Selector is rotated.
- (3) Tighten the Set screw.



Fail-Safe mode when Mode Selector is pointing to FS  
Strike is unlocked when no power is present.



Fail-Lock mode when Mode Selector is pointing to FL  
Strike is locked when no power is present

**Note:**  
FS = Fail Safe  
FL = Fail Lock