



24201428

6400

VON DUPRIN®

Electric Strike



Installation Instructions

Standard Parts:	Accessories*:
Insert	Latch Monitor Switch - LM6400
Deadbolt Keeper	
Deadbolt Plug	
Deadlatch Ramp (Auxiliary Bolt Bracket)	
Keeper Sliding Shims: 1/16" (1.5mm) & 1/8" (3.0mm)	
A Center-lined latch faceplate and an Offset latch faceplate are provided. Both are: 4-7/8" x 1-1/4" (123.8mm x 31.8mm)	
Trim Plate	
12VDC or 12 to 24VAC Cable Connector	
24VDC Cable Connector	
Anti-Tamper Security Screws (2x12-24)	
Mounting Tab Kit (2x Tabs, 4x Shims, & 5x12-24 Screws)	
Inductive Kickback Suppressor - MOV	

The fail secure locking mechanism shall only be installed where allowed by the local authority having jurisdiction and shall not impair the operation of the panic hardware or intended operation of the emergency exit.

Wiring Instructions

Use the appropriate wire harness supplied.
12V for 12VDC & 12-24VAC
24V for 24VDC only

Connect the red wire through the Access Control Contacts to the (+) of the power supply.
Attach the black wire to the (-) negative of the power supply.
If using AC power, polarity is not observed.

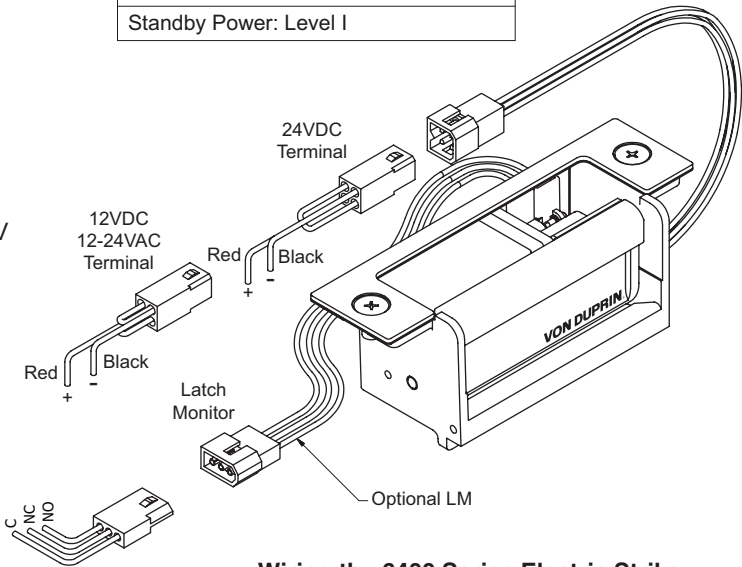
To meet BHMA A156.31, install the MOV provided across the positive and negative wires or terminals of the harness. The MOV is not polarity sensitive.

NOTE: If a suppression diode is required for access control, observe proper polarity (Suppression Diode NOT supplied).

Latch Monitor Wires

Black = Common (C)
Blue = Normally Closed (NC)
Orange = Normally Open (NO)
Switch Rating: 2 Amp @ 24VDC
Switch Type: SPDT

UL 294 Performance Ratings:
Access Control Line Security: Level I
Destructive Attack: Level I
Endurance: Level IV
Standby Power: Level I



Wiring the 6400 Series Electric Strike

Voltage	Duty	Amps*	Ohms†
12 VDC	Continuous	.375	37
24 VDC	Continuous	.190	148
12-24 VAC	Intermittent	.280 - .565	37

Model 6400 must be connected to a compatible UL Listed Burglary or Access Control Power Supply.

Intermittent Duty = Energized less than 1 min.
with Duty Ratio 1:5
Continuous Duty = Energized 1 min. or more
* Ratings are based on maximum current draw at +50°F (+10°C) and include initial power-up current draw.
† Nominal resistance at +77°F (+25°C) ± 7% tolerance

1 Mounting the Strike

- 1a Mount the strike onto the frame without the faceplate. Tighten the mounting screws just enough to hold the strike in place; you may need to slide it up or down for adjustment



- 1b Adjust the deadbolt keeper:

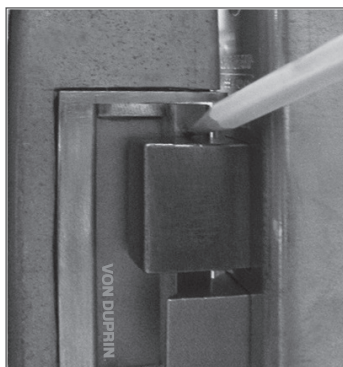
Extend the deadbolt and move the door so that the deadbolt touches the keeper

Mark deadbolt lines on the strike keeper

Open the door and retract the deadbolt

Adjust the deadbolt keeper position so that it aligns with the deadbolt limit lines marked on the keeper

If needed, move the strike up or down for alignment

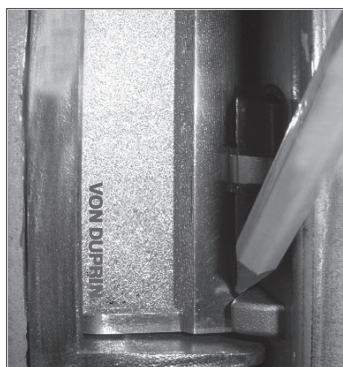


- 1c Adjust the deadlatch ramp:

Move the door towards the strike so the deadbolt touches the keeper

Mark deadlatch limit lines on the keeper

After opening the door, adjust the deadlatch ramp so that it aligns with the deadlatch limit lines marked on the keeper



- 1d Adjust plug-in latch monitor (accessory):

Move the door towards the strike so that the latch touches the keeper

Mark the latch limit lines on the keeper

After opening the door, mount the latch monitor on the strike housing so that it is between the latch limit lines marked on the keeper

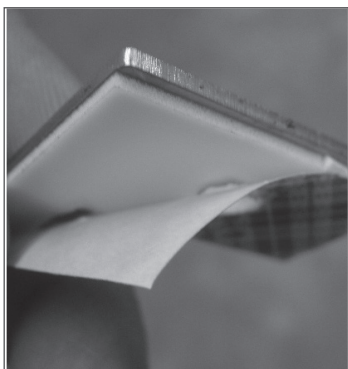


2 Mark the strike position on the door frame



3 Install the strike on the door frame

- 3a Remove the adhesive backing from the tape on the back side of the appropriate faceplate.



- 3b Remove the strike mounting screws from the faceplate. While holding the strike in the position marked on the frame, position the faceplate on the strike and secure to the frame



4 Make adjustments as needed

- 4a Horizontal adjustment:
If there is play in the door when closed, the keeper shims may be used to minimize play

Keeper sliding
shim



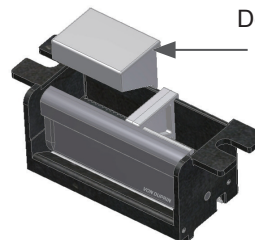
- 4b The trim plate can be used if the frame cutout is larger than required

Bend tabs to grip frame

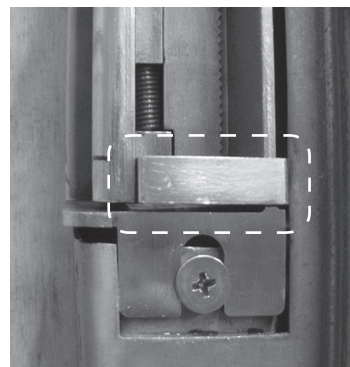
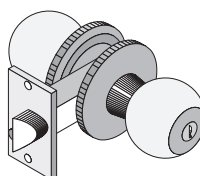


- 4c If the lock set doesn't have a deadbolt, the deadbolt keeper can be replaced with the deadbolt plug

Deadbolt
plug



- 4d Note: The deadlatch ramp also acts as a keeper stop, so ensure it is inserted for centerline cylindrical lock applications



Customer Service

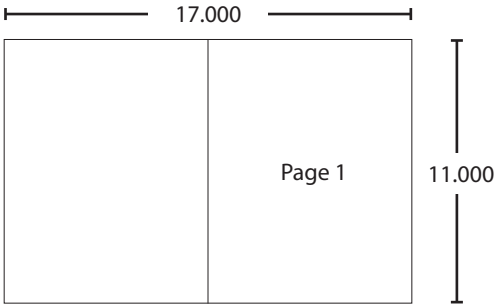
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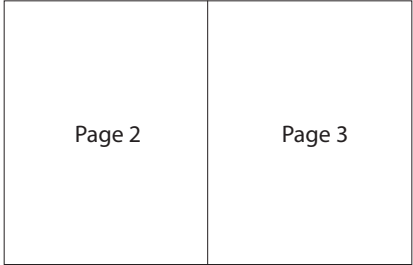


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BEGINNING SHEET

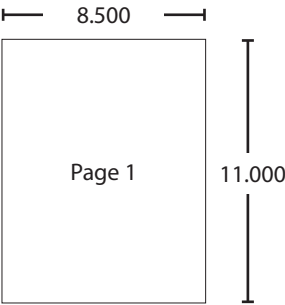


FRONT



BACK

FOLDED SHEET



Additional Notes:
1. None

Revision History						Revision Description: C > Revised artwork								
A	B	C	D	E	F									
030274	060874													
Material White Paper						Edited By		Approved By		EC Number		Release Date		
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