

6000 Series electric strikes

Overview

Von Duprin 6000 Series electric strikes

Von Duprin is the leading manufacturer of premium, heavy-duty electric strikes known for their reliability, durability and security.

Electric Strikes provide remote release of a locked door. They allow the door to be opened without retracting the latchbolt. This occurs by the releasing of the electric strike lip (sometimes called keeper or gate). When the door closes the beveled latchbolt rides over the lip and falls into the electric strike pocket.

Von Duprin 6100 Series electric strikes

Electric strikes for use with rim exit devices

Von Duprin 6200 Series electric strikes

Electric strikes for use with mortise/cylindrical electric locks

Versatility

- Furnished 24VDC standard with 12VDC and AC operation optional. 16VDC solenoids available.
- Furnished fail secure (FSE) standard, with fail safe (FS) optional.
- Strike box is adjustable to compensate for misalignment of the door or frame.
- Two piece plug connectors are furnished for ease of installation and for removal during strike servicing.

Durability

Developed with Von Duprin's high standards and engineering expertise.

- Heavy-duty stainless steel construction. Tested to over 250,000 cycles.

Features and Benefits

- Stainless Steel Construction
- Accepts 3/4" (19mm) Throw Latchbolt
- Six Finishes
- Non-handed
- Fail Secure
- Plug Connectors

Specifications	12V	24V
Resistance in Ohms±10% @ 70°F	21	82
Watt-seated @ 70°F	7.5	8
Amps-seated @ 70°F	.6	.33
Amps-inrush @ 70°F	.6	.33

To order, specify

1. **Model number**
2. **FS** (fail safe, when required)
3. **DS** or **DS-LC** (dual switch, when required)
4. **Voltage** 12VDC or 24VDC
For 16V solenoids order separately
5. **SO12** or **SO24** (required when using AC)
6. **Finish:** US3, US4, US10, US10B, US32, US32D
7. **EB** (Entry buzzer), **FSE** only (when required)

Note: Information listed is for use on new applications. On retrofit applications, modification of the frame preparation may be required, consult factory.



6000

Options

AC operation

SO12 and SO24 are rectifier kits to convert AC voltage to operate the DC solenoids. These kits are field installable and plug in-line to solenoid.

DS and DS-LC — Dual switch monitoring (Factory Installed Only)

Dual switch monitoring option has two SPDT contacts, one switch monitors the tripper which is depressed when the latchbolt is inserted into the strike pocket. The second switch monitors the condition of the strike lip, open or closed and locked.

DS is standard, rated 24V, operating range from 2 ampere to 50 milliamperes.

DS-LC low current gold contact switches for use on applications associated with computer control and monitoring, rated 24V, operating range 50 milliamperes or below.

Fail secure — FSE

FSE — FAIL-SECURE electric strikes require power to be applied to unlock the strike lip. On loss of power, the strike is locked. Field convertible with parts.

Fail safe — FS

FS — FAIL-SAFE electric strikes require power to be applied to lock the strike lip. On loss of power, the strike is unlocked. Building codes prohibit the use of fail-safe strikes on labeled openings. Field convertible with parts.

Entry buzzer — EB

EB — Entry buzzer is available for use with fail-secure strikes. Installed in the frame and in parallel with the circuit, the buzzer will sound when the strike is unlocked.

UL listed

UL Listed Burglary-Resistant and Electric Strike for fire doors and frames. A label for single doors and B label for double doors. Strikes meet the requirements of ANSI 156.5, Grade 1, 1992.

+ Dual Monitor Switches (DS or DS-LC) are not available on open back strikes.

6100 Series strikes for rim exit devices

Overview

Von Duprin electric strikes are known for their reliability, durability and security. The 6100 Series is designed to withstand abuse. Its heavy-duty stainless steel construction is fully UL1034 and UL10C Listed and ANSI/BHMA Grade 1, 1500 lb hold force rated.

6100 Series electric strikes are designed for use with a variety of rim exit devices. They interface with the latch mechanism of the exit device. The movable lip (keeper) allows a door to open even when the latch bolt is extended. This feature, called remote release, provides added benefits such as increased convenience and efficiency. The 6100 Series also provides added security and traffic control.

6100 Series electric strikes can be used for retrofit applications or new construction. To assure the proper selection of an electric strike on new applications, lockset compatibility charts are shown on the next page. When using a lockset not listed or when

retrofitting a strike to an existing application, please contact Von Duprin technical support for application assistance.

The power failure mode of the 6100 can be specified at the time of order. Fail-secure is available for fire rated openings. In a fail-secure application, the door is normally locked. To unlock the

door, power must be applied. Fail-safe strikes which are commonly used for life safety applications are non-fire-rated. To unlock a fail-safe strike, power is removed. The 6100 comes standard 24 VDC; 12 VDC and AC operation are optional.

Features and benefits

- Non-handed design provides greater flexibility
- Strike box is adjustable to compensate for misalignment of the door or frame
- Two piece plug connectors are furnished for ease of installation and for removal during strike servicing
- ANSI 156.5 Grade 1, 1500 lb hold force rated
- UL1034 burglary-resistant and UL10C electric strike for fire door
- Six finishes available to suite with existing hardware
- Durable stainless steel construction
- 24 VDC standard with 12 VDC and AC operation optional
- Meets BHMA A156.31, Grade 1 for endurance and strength
- Static strength 1300 lbs
- Dynamic strength 70 ft-labs
- Endurance 1,000,000 cycles



Model specifications

Model number	6111	6112	6113	6114	6121	
Retrofits model	VD 3031	FA 310-4	VD 3011, VD 3021	FA 310-5	FA 310-4-100	
Latchbolt throw	3/4"	3/4"	3/4"	3/4"	3/4"	
Face plate length	6"	9"	6"	7"	9 1/8"	
Backbox depth	1 3/4"	1 3/4"	1 15/16"	---	N/A	
Lockset	Rim exit device	Rim exit device	Rim exit device	Rim nightlatch	Rim exit device	
Number of doors	Single	▪	▪	▪	---	
	Double door with mullion	▪	---	---	---	
	Double door without mullion	---	---	---	▪	
Door/frame type	Hollow metal	▪	▪	▪	▪	
	Aluminum	▪	▪	▪	▪	
	Wood	▪	▪	▪	---	▪
Options	Blade stop shim	Yes	No	Yes	No	No
	DS or DS-LC (dual monitor switches)	Yes	Yes	Yes	Yes	Yes
	EB (entry buzzer - fail-secure only)	Yes	Yes	Yes	Yes	Yes
Certifications	UL1034, UL10C, ANSI/BHMA 156.5 Grade 1, 1500 lb hold-force rated					
Application notes	1	2	3	4	5	

Note: 16 VDC and 28 VDC solenoid are sold as replacement parts for existing strikes. Please contact customer care for details.

Application notes:

1. For use with rim exit devices on single doors or double doors with mullion applications. 1/2" projection blade stop shim 010055-XX available for use on cased opening or blade stop frames. Specify when using 55 rim devices. May also be used with vertical rod exit devices noted on previous page x Pullman latch LBR. Non-fired-rated.
2. For use with rim exit devices on single door applications. Designed to replace Folger Adam 310-4, minor fame prep modification required.
3. 1/2" projection blade stop shim 010055-XX available for use on cased opening or blade stop frames. Non-fire rated.
4. Surface applied strike for use with rim nightlatches on single door applications. Designed to replace Folger Adam 310-5, with different mounting hole locations from Folger Adam.
5. Non-fire rated. For use with rim exit devices on double door applications without mullion. Strike mounts on inactive leaf. Replace Folger Adam 310-4-100.

Rim exit device compatibility

6111, 6112, 6113 & 6121 Strikes

Manufacturer	Device
Von Duprin	22, 33A, 35A, 55 ¹ , 88, 98, 99 8827 LBR ⁴ x Pullman latch Non-Fire rated 9827 LBR ⁴ x Pullman latch Non-Fire rated 9927 LBR ⁴ x Pullman latch Non-Fire rated
Falcon Monarch ²	XX-R, 18-R, 19-R, 24-R, 25-R
Falcon Doromatic	1790
Precision ²	2100
Sargent	2800, 6500, 6800, 8500, 8800, 9500, 9800 ³ , 9898
Yale	1500, 700

1. Strike must be factory modified, specify when using with a 55 Rim device
2. Deadlocking feature will not properly function, consult factory
3. Panic only, Not fire-rated
4. 6111 is recommended for LBR applications

Note: When using a lockset not listed or when retrofitting an existing application, please contact Von Duprin technical support for application assistance

6100 Series how to order

Ordering information

6112 - FSE - DS - 24 - S024 - US3 - EB

Model	Power failure mode	Dual switch*	Voltage	Rectifier kit*	Finish	Buzzer*
1	2	3	4	5	6	7

* Optional

Selections correspond with the numbers above

1	Model
6111	See chart on page 3 to make the proper selection
6112	See chart on page 3 to make the proper selection
6113	See chart on page 3 to make the proper selection
6114	See chart on page 3 to make the proper selection
6121	See chart on page 3 to make the proper selection
2	Power failure mode
FSE	Fail-secure. Requires power to be applied to unlock the strike lip. On loss of power, the strike lip is locked. Fire-rated.
FS	Fail-safe. Requires power to be applied to lock the strike lip. On loss of power, the strike lip is unlocked. Non-fire-rated.

3	Dual switch (optional)
DS	Monitors latch bolt and lock status. DS switches rated at 24 VDC 50 milliampere - 2 amps.
DS-LC	Optional for computer monitoring. Monitors latch bolt & lock status. DS switches rated 24 VDC 50 milliampere or less.
4	Voltage (VDC)
24	Low voltage DC power
12	Low voltage DC power
If AC power is required specify rectifier kit below.	
5	Rectifier kit (optional)
S012	Converts 12 VAC voltage to 12 VDC to operate the solenoid
S024	Converts 24 VAC voltage to 24 VDC to operate the solenoid

6	Finish
US number/Von Duprin number	
US3/85	Plated polished brass on stainless steel
US4/84	Plated dull brass on stainless steel
US10/06	Plated dull bronze on stainless steel
US10B/86	Plated dark bronze on stainless steel
US32/31	Stainless steel, polished
US32D/32	Stainless steel, satin
7	Buzzer (optional)
EB	Entry Buzzer.
Only available if Fail-Secure (FSE) is specified.	

6200 Series strikes for mortise or cylindrical devices

Overview

Von Duprin electric strikes are known for their reliability, durability and security. The 6200 Series is designed to withstand abuse. Its heavy-duty stainless steel construction is fully UL1034 and UL10C Listed and ANSI/BHMA Grade 1, 1500 lb hold force rated.

6200 Series electric strikes are designed for use with a variety of mortise or cylindrical locksets, as well as mortise exit devices. It interfaces with the latch mechanism of the exit device. The 6200 Series movable lip (keeper) allows a door to open, even when the latch bolt is extended. This feature, called remote release provides added benefits such as increased convenience and efficiency. The 6200 Series also provides added security and traffic control.

6200 Series electric strikes can be used for retrofit applications or new construction. To assure the proper selection of an electric strike on new applications, lockset compatibility charts are shown on the next page. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin Technical Support for application assistance.

The power failure mode of the 6200 Series can be specified at the time of order. Fail-secure is available for fire rated openings. In a fail-secure application, the door is normally locked. To unlock the door power must be applied. Fail-safe strikes, which are commonly used for life safety applications, are non-fire rated. To unlock a fail-safe strike, power is removed. The 6200 Series comes standard with 24 VDC; 12 VDC and AC operation are optional.

Features and benefits

- Non handed design provides greater flexibility
- Strike box is adjustable to compensate for misalignment of the door or frame
- Two piece plug connectors are furnished for ease of installation and for removal during strike servicing
- ANSI 156.5 Grade 1, 1500 lb hold-force rated
- UL1034 Burglary-Resistant and UL10C Electric Strike for Fire Door
- Six finishes available to suite with existing hardware
- Durable stainless steel construction
- 24 VDC standard with 12 VDC and AC operation optional
- Meets BHMA A156.31, Grade 1 for endurance and strength
- Static strength 1300 lbs
- Dynamic strength 70 ft-lbs
- Endurance 1,000,000 cycles

Specifications	12V	24V
Resistance in Ohms±10% @ 70°F	21	82
Watt-seated @ 70°F	7.5	8
Amps-seated @ 70°F	0.6	0.33
Amps-inrush @ 70°F	0.6	0.33



Mortise Lockset Compatibility

6211, 6211AL, 6211WF, 6212, 6213, 6214, 6215, 6221, 6222, 6223, 6224, 6224AL, 6225 & 6226 Strikes

Manufacturer	Model Number
Von Duprin	7500
Adams Rite	4510, 4710
Baldwin	6000
Best	24H, 30H
Corbin	9000
Falcon	M2300, M2500, M2600, M3300, M3500, M3600
Precision	Mortise
Russwin	Mortise
Sargent	7700, 8100, 9000
Schlage	L9000, K30, K40, K50, K60
Yale	7030, 7130, 8600, 8700

Mortise Lockset Compatibility

6210

Manufacturer	Model Number
Von Duprin	7500
Best	30H (not 45H/47H)
Corbin/Russwin	ML2200, 5000, 9000, CR2200 (not 2000)
Falcon	M100, M200, M300, M400, M500, M600
Sargent	7700, 8100 (not 7800/8200)
Schlage	L9000
Yale	8700 (not 8800)

Cylindrical Lockset Compatibility^{1,3}

6211, 6211AL, 6211WF, 6212, 6213, 6214, 6215, 6221, 6222, 6223, 6224, 6224AL, 6225 & 6226 Strikes

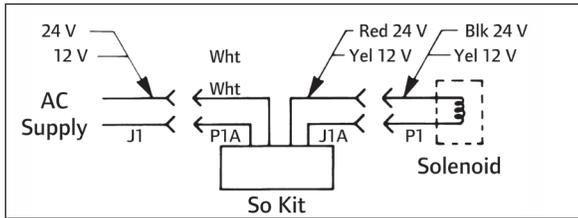
Manufacturer	Model Number
Baldwin	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)
Best	$\frac{3}{8}$ " - $\frac{3}{4}$ " (10mm - 19mm)
Corbin	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)
Falcon	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)
Russwin	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)
Sargent	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)
Schlage	$\frac{3}{8}$ " - $\frac{3}{4}$ " (10mm - 19mm)
Yale	$\frac{1}{2}$ " - $\frac{3}{4}$ " (13mm - 19mm)

1. Von Duprin cannot guarantee compatibility as other manufacturer's designs may change without notice.
2. Signalling may not function when using $\frac{3}{8}$ " (10mm) throw bolt. Deadlocking cannot be guaranteed with all locks.
3. When using a lockset not listed or when retrofitting a strike to an existing application, please contact Von Duprin Technical Support for assistance.

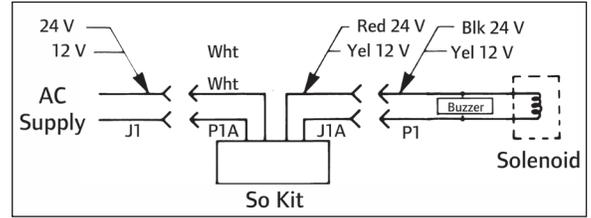
6200 Series strikes for mortise or cylindrical devices

Wiring

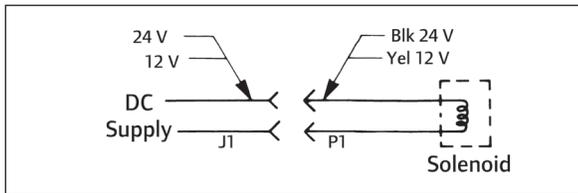
AC



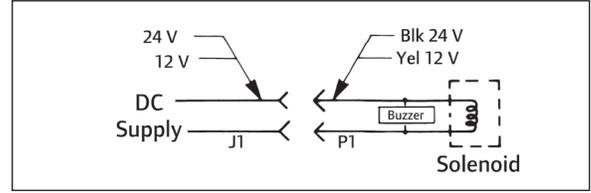
AC with buzzer



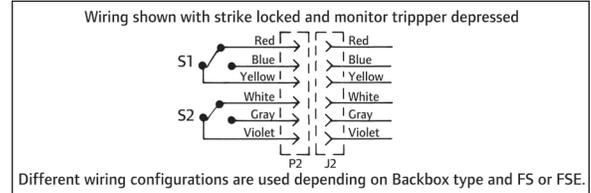
DC



DC with buzzer



Optional DS (FSE shown)



Model Specifications

						
Model #		6210	6211	6211AL	6211WF	6212
Retrofits model		n/a	VD 3140, FA 712	FA 722	FA 732	VD 3146
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		4 7/8"	4 7/8"	4 7/8"	4 7/8"	6 3/8"
Backbox depth		1 21/32"	1 21/32"	1 21/32"	4 1/2"	1 21/32"
Lockset	Mortise	•	•	•	•	•
	Cylindrical	---	•	•	•	•
# Doors	Single	•	•	•	•	•
	Pair	---	---	---	---	---
Door & frame type	Hollow metal	•	•	---	---	•
	Aluminum	•	•	•	---	•
	Wood	---	---	---	•	---
Options	DS or DS-LC (dual monitor switches)	•	•	•	•	•
	EB (Entry buzzer - fail secure only)	•	•	•	•	•
	28 VDC AC rectifier kit	•	•	•	•	•
	16 VDC solenoid	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•
	UL10C	•	•	•	•	•
	ANSI/BHMA 156.5 Grade 1 1500lb. Hold force rated	•	•	•	•	•
Application notes	1	2	3	4	5	

Application notes:

- For use with mortise locks without deadbolt on single door, hollow metal frame applications and using ANSI prep at standard height. Strike pocket inserts are provided to accommodate different manufacturers deadlocking trigger locations.
- For use on new installations with mortise locks without deadbolt or cylindrical locks on single door, hollow metal frame applications. Designed to replace Von Duprin 3140 or Folger Adam 712.
- For use on new installations with mortise locks without deadbolt or cylindrical locks on single door, aluminum frame applications
- For use on new installations with mortise locks without deadbolt or cylindrical locks on single door wood frame applications. Designed to replace Folger Adams 732. Wood frame horizontal solenoid location differs from Folger Adams. Requires additional frame prep when retrofitting.
- For use with mortise locks without deadbolt or cylindrical locks on single door, hollow metal or aluminum frame applications. Fits modified ANSI 115.2 cutout. Designed to replace Von Duprin 3146

6200 Series strikes for mortise or cylindrical devices

Model Specifications

							
Model #		6212WF	6213	6214	6215	6216	6221
Retrofits model		n/a	VD 3041, 3042, 3061, 3062	FA 310-2 3/4	FA 310-2	FA 310-3-1	VD 3071 & 3072
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		6 3/8"	6"	9"	9"	9"	6"
Backbox depth		4 3/4"	2 1/2"	1 5/8"	1 5/8"	3 5/32"	4 3/4"
Lockset	Mortise	•	•	•	•	•	•
	Cylindrical	•	•	•	•	•	•
# Doors	Single	•	•	•	•	•	•
	Pair						•
Door & frame type	Hollow metal		•	•	•	•	•
	Aluminum		•	•	•	•	•
	Wood	•	See note 2 below			•	•
Options	DS or DS-LC (dual monitor switches)	•	•	•	•	•	•
	EB (Entry buzzer - fail secure only)	•	•	•	•	•	•
	28 VDC AC rectifier kit	•	•	•	•	•	•
	16 VDC solenoid	•	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•	•
	UL10C	•	•	•	•	•	•
	ANSI/BHMA 156.5 Grade 1 1500lb. Hold force rated	•	•	•	•	•	•
Application notes		6	7	8	9	10	11

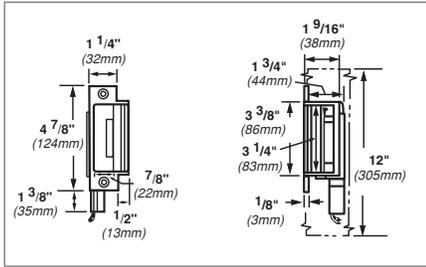
							
Model #		6222	6223	6224	6224AL	6225	6226
Retrofits model		FA 310-2 3/4 OB	VD 3091 & 3092	FA 310-2 3/4	FA 310-2RF	FA 310-2 OB	FA 310-2
Latchbolt throw		3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Face plate length		9"	6"	9"	9"	9"	9"
Backbox depth		1 5/8"	4 1/2"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
Lockset	Mortise	•	•	•	•	•	•
	Cylindrical	•	•	•	•	•	•
# Doors	Single	---	---	---	---	---	---
	Pair	•	•	•	•	•	•
Door & frame type	Hollow metal	•	•	•	•	•	•
	Aluminum	•	•	•	•	•	•
	Wood	---	•	---	---	---	---
Options	DS or DS-LC (dual monitor switches)	•	•	•	•	•	•
	EB (Entry buzzer - fail secure only)	•	•	•	•	•	•
	28 VDC AC rectifier kit	•	•	•	•	•	•
	16 VDC solenoid	•	•	•	•	•	•
Certifications	UL1034	•	•	•	•	•	•
	UL10C	•	•	•	•	•	•
	ANSI/BHMA 156.5 Grade 1 1500lb. Hold force rated	•	•	•	•	•	•
Application notes		12	13	14	15	16	17

- 6 For use with mortise locks without deadbolt or cylindrical locks on single door, wood frame applications.
- 7 For use with mortise locks without deadbolt or cylindrical locks on single door hollow metal or aluminum frame applications (includes wood frame on retrofit applications). Designed to replace Von Duprin 3041, 3042, 3061 and 3062.
- 8 For use with mortise locks without deadbolt or cylindrical locks on single door hollow metal or aluminum frame applications. Designed to replace Folger Adams 310-2 3/4
- 9 For use with mortise locks without deadbolt or cylindrical locks on single door hollow metal or aluminum frame applications. Designed to replace Folger Adams 310-2.
- 10 For use with mortise locks with deadbolt 1" throw on single door hollow metal aluminum or wood frame applications. Deadbolt must be manually operated. Designed to replace Folger Adams 310-3-1.
- 11 Open back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) thick double door applications. 4 3/4" (120 mm) minimum stile required. For a concealed vertical rod and mortise device combination, specify "A" backbox.
- 12 Open back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) thick double door applications
- 13 Closed back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) thick double door applications. 4 3/4" (120mm) minimum stile required. For a concealed vertical rod and mortise device combination specify "A" backbox.
- 14 Closed back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) or 2 1/4" (57mm) thick double door applications.
- 15 Closed back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) or 2 1/4" (57mm) thick aluminum double door applications.
- 16 Open back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) thick double door applications.
- 17 Closed back electric strike for use with mortise locks without deadbolt or cylindrical locks on 1 3/4" (44mm) or 2 1/4" (57mm) thick double door applications.

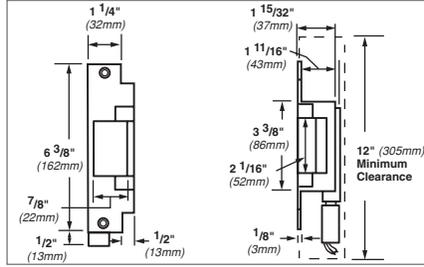
6200 Series strikes dimensions

Dimensions

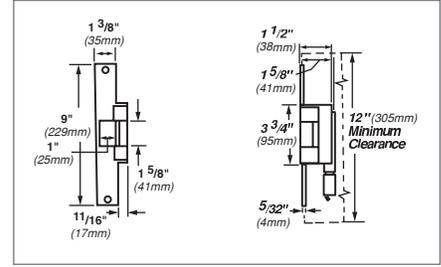
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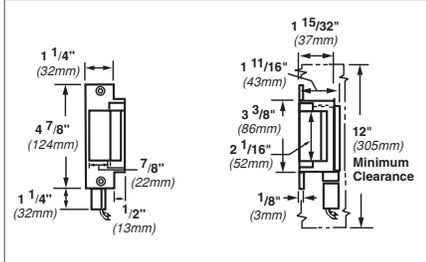
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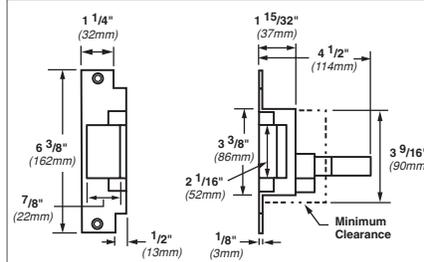
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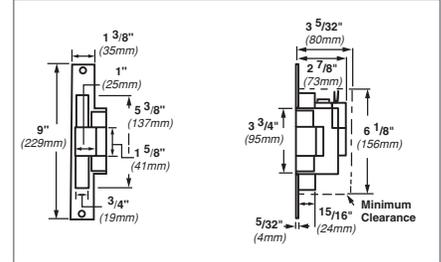
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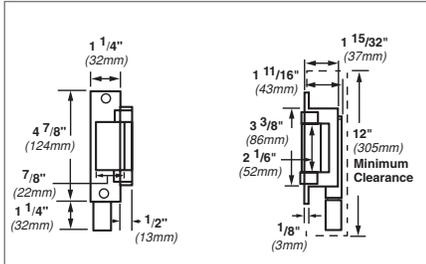
6212WF



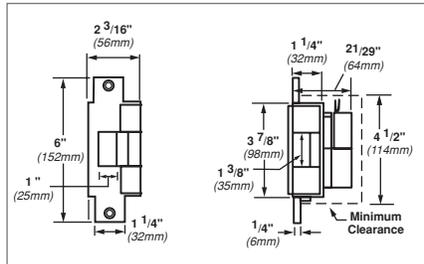
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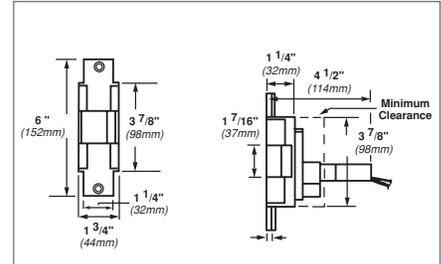
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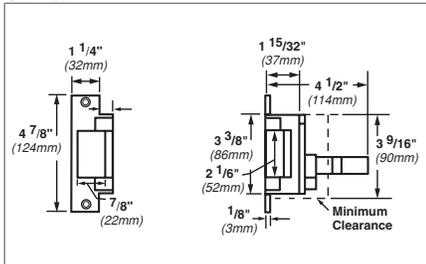
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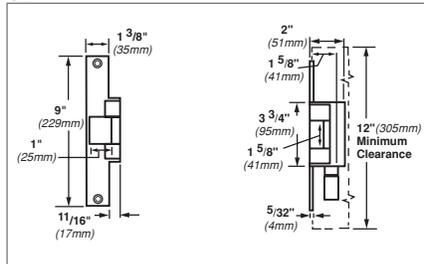
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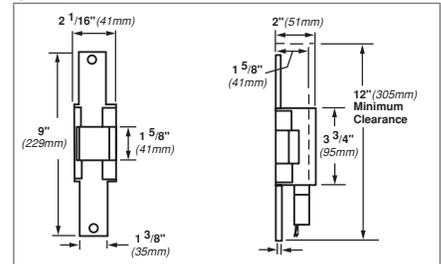
6211WF



6214



6222

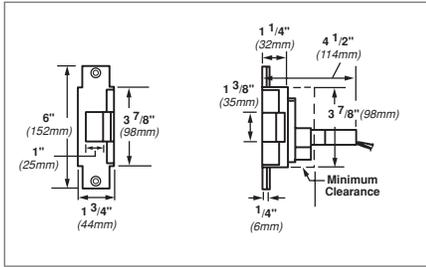


6200 Series strikes dimensions

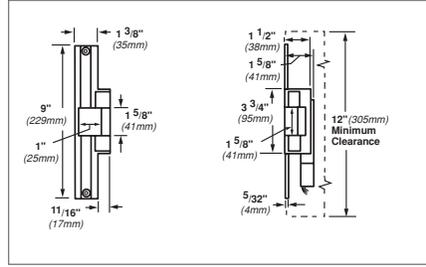
6200 Series strikes dimensions

Dimensions

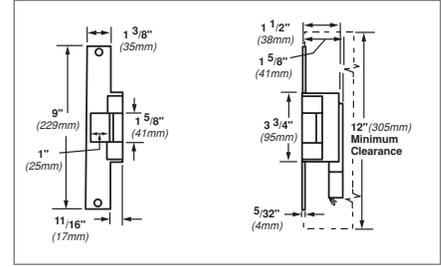
6223



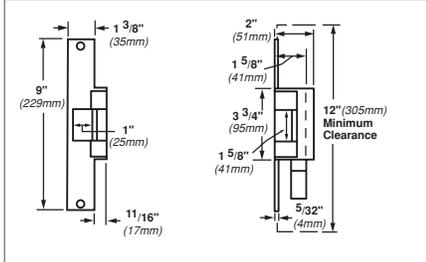
6224AL



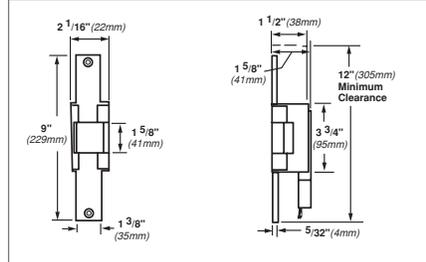
6126



6224



6225



Ordering information

6210 - FSE - DS - 24 - S024 - US3 - EB

Model	Power failure mode	Dual switch*	Voltage	Rectifier kit*	Finish	Buzzer*
1	2	3	4	5	6	7

* Optional

Selections correspond with the numbers above

1	Model	2	Power failure mode	6	Finish US number/Von Duprin number
6210	See chart on page 13 to make the proper selection	FSE	Fail-secure. Requires power to be applied to unlock the strike lip. On loss of power, the strike lip is locked. Fire-rated.	US3/85	Plated polished brass on stainless steel
6211	See chart on page 13 to make the proper selection	FS	Fail-safe. Requires power to be applied to lock the strike lip. On loss of power, the strike lip is unlocked. Non-fire-rated.	US4/84	Plated dull brass on stainless steel
6211AL	See chart on page 13 to make the proper selection			US10/06	Plated dull bronze on stainless steel
6211WF	See chart on page 13 to make the proper selection			US10B/86	Plated dark bronze on stainless steel
6212	See chart on page 13 to make the proper selection	3	Dual switch (optional)	US32/31	Stainless steel, polished
6212WF	See chart on page 14 to make the proper selection	DS	Monitors latch bolt and lock status. DS switches rated at 24 VDC 50 milliamperes - 2 amps.	US32D/32	Stainless steel, satin
6213	See chart on page 14 to make the proper selection	DS-LC	Optional for computer monitoring. Monitors latch bolt & lock status. DS-LS switches rated 24 VDC 50 milliamperes or less.	7	Buzzer (optional)
6214	See chart on page 14 to make the proper selection			EB	Entry Buzzer. Only available if Fail-Secure (FSE) is specified.
6215	See chart on page 14 to make the proper selection	4	Voltage (VDC)		
6216	See chart on page 14 to make the proper selection	24	Low voltage DC power		
6221	See chart on page 14 to make the proper selection	12	Low voltage DC power		
6222	See chart on page 14 to make the proper selection		If AC power is required, specify rectifier kit below.		
6223	See chart on page 14 to make the proper selection	5	Rectifier kit (optional)		
6224	See chart on page 14 to make the proper selection	SO12	Converts 12 VAC voltage to 12 VDC to operate the solenoid		
6224AL	See chart on page 14 to make the proper selection	SO24	Converts 24 VAC voltage to 24 VDC to operate the solenoid		
6225	See chart on page 14 to make the proper selection				
6226	See chart on page 14 to make the proper selection				

Electric Strike/Lock information

Finishes

US number	BHMA number	Description	Von Duprin number
US3	—	Plated polished brass on stainless steel	85
US4	—	Plated dull brass on stainless steel	84
US10	639	Plated dull bronze on stainless steel	06
US10B	640	Plated dark bronze on stainless steel	86
US32	629	Stainless steel, polished	31
US32D	630	Stainless steel, satin	32

Wire size selection

Current requirement at 24VDC				
Length of wire run (in feet)	0-.5 Amp	.5-1 Amp	1-2 Amp	2-3 Amp
0-100	18	18	18	18
100-200	18	18	18	16
200-300	18	18	16	14
300-450	18	16	14	12
450-600	18	16	12	NR
600-900	16	14	NR	NR
900-1200	14	12	NR	NR

NR – Not recommended

Cross reference

Name	Strike/Lock mounting	# Doors	Frame material (SGL DR) Door material (BL DR)	Faceplate length	Drop in replaces Von Duprin:	Drop in replaces Folger Adam:
6111	Rim device	Single ¹	All	6"	3031	
6112	Rim device	Single	All	9"		310-44
6113	Rim device	Single	All	6"	3011, 3021	
6114	Rim nightlatch	Single	All	7"		310-55
6121	Rim device	Double-closed back	All	9"		310-4-1005
6210	Mortise	Single	HM/Alu	4 ⁷ / ₈ "		
6211	Mortise or cylindrical	Single	HM/Alu	4 ⁷ / ₈ "	3140	712
6211AL	Mortise or cylindrical	Single	Aluminum	4 ⁷ / ₈ "		722
6211WF	Mortise or cylindrical	Single	Wood	4 ⁷ / ₈ "		7326
6212	Mortise or cylindrical	Single	HM/Alu	6 ³ / ₈ "	3146	
6212WF	Mortise or cylindrical	Single	Wood	6 ³ / ₈ "		
6213	Mortise or cylindrical	Single	All2	6"	3041, 42, 61, 62	
6214	Mortise or cylindrical	Single	All3	9"		310-2 3/4
6215	Mortise or cylindrical	Single	All3	9"		310-2
6216	Mortise and deadbolt	Single	HM/Alu	9"		310-3-1
6221	Mortise or cylindrical	Double-open back	All	6"	3071, 72	
6222	Mortise or cylindrical	Double-open back	HM/Alu	9"		310-2 3/4 OB
6223	Mortise or cylindrical	Double-closed back	All	6"	3091, 3092	
6224	Mortise or cylindrical	Double-closed back	HM/Alu	9"		310-2 3/4
6224AL	Mortise or cylindrical	Double-closed back	Aluminum	9"		310-2 RF
6225	Mortise or cylindrical	Double-open back	HM/Alu	9"		310-2 OB
6226	Mortise or cylindrical	Double-closed back	HM/Alu	9"		310-2

¹Includes double door with mullion.

²Recommended on wood frames only if drop in replacement is needed for 3041, 42, 61, 62 on wood frames. Otherwise use 6211WF.

³Recommended on wood frames only if drop in replacement is needed for 310-2 3/4, 310-2 on wood frames. Otherwise use 6211WF.

⁴Strike lip area cutout is slightly larger than Folger Adam.

⁵Surface applied strike. Mounting hole locations different from Folger Adam.

⁶Wood frame horizontal solenoid location differs from Folger Adam. May require frame prep modification when retrofitting.