

VON DUPRIN

5100 Series

Electric strikes for cylindrical locksets



Overview

The Von Duprin 5100 electric strike has been designed and manufactured to meet the needs of locksmiths and security professionals. This easy-to-install electric strike was created for medium-duty applications, specifically to control traffic flow through interior and exterior openings in retail and commercial environments.

The 5100 electric strike is designed for maximum flexibility. It comes standard with three faceplates for hollow metal, wood or aluminum frames in every box. The internal 12/24VDC solenoid provides additional versatility. While the adjustable keeper improves fit for applications with weather stripping or tight door preps. Furthermore, power failure mode is field selectable fail-safe/fail-secure.

With multiple faceplates and flexible options, the 5100 provides added convenience by ensuring the right parts are in the box to get the job done. This reduces labor expense and reduces return trips to the job site.

The 5100 was developed with Von Duprin's high standards and engineering expertise. Its heavy-duty construction and tamper-resistant design is able to withstand abuse. The 5100 is tested to over one million cycles and provides 1300 lbs holding strength.

Features and benefits

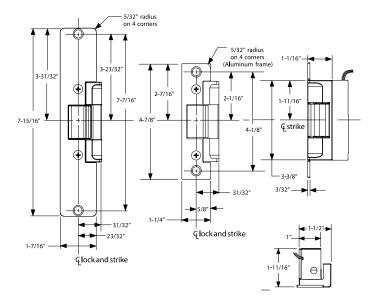
- Three faceplates standard in every box
- 12/24 dual-voltage
- Fail-safe/fail-secure
- Adjustable keeper
- Internal solenoid
- Non-handed
- Backbox depth of 1 11/16"
- Keeper depth of 1/2"
- Mounting tabs
- Retrofit kit
- Illustrated installation instructions
- Tamper resistant
- One year electrical product warranty
- Continuous duty operation
- Heavy-duty construction
- Meets BHMA A156.31, Grade 1 for endurance and dynamic strength, and Grade 2 for static strength
- Static strength 1300 lbs
- Dynamic strength 70 ft-lbs
- Endurance 1,000,000 cycles

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Technical specifications			
Power options			
DC: Regulated power supplies (recommended)	PS902 power supply		
AD/DC: Conversion	Von Duprin SO-24 kit		
	12VDC	12VDC	
Resistance (ohms)	32	128	
Power (watts)	4.5	4.5	
Current (amps)	0.38	0.19	
All specs ±10% @ 77°F/25°C			

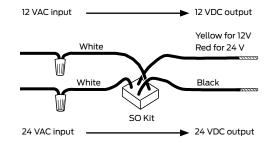
5100
1/2" to 5/8" with 1/8" door-frame gap
4 ⁷ /8" or 7 ¹⁵ /16"
1"/16"
Cylindrical
Hollow metal, aluminum and wood
Single
ANSI/BHMA 156.5 Grade 1, UL 1034 burglary listing
Versatile electric strike for aftermarket, covering multiple applications in one SKU.

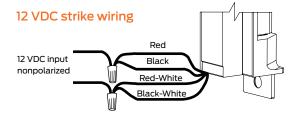
Lockset compatibility: Keeper depth of $^1/_2$ " is sufficient to accommodate all cylindrical locks up to $^5/_8$ " throw and most aluminum narrow stile deadlatches.

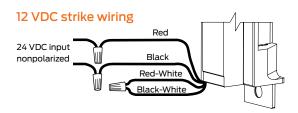


Solenoid power requirements; 12VDC, 0.38 A, 24 VDC, 0.19 A

For DC operation, Von Duprin PS902 series power supply is recommended. For AC operation, Von Duprin SO24 kit is recommended.

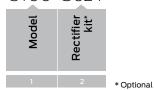






Ordering information

5100-S024



Selections correspond with the numbers above

1	Model	
5100	Electric strike for cylindrical locksets	
2	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	

Standard features

- 24 volts DC
- Fail-secure
- Field convertible to fail-safe

About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 7,800 people and sells products in more than 120 countries across the world. Allegion comprises 23 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit www.allegion.com.

