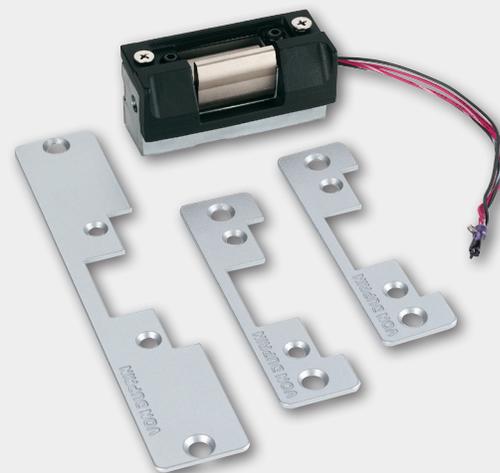


VON DUPRIN®

5100 Series

Electric strike for cylindrical locksets and deadlatches



Overview

The Von Duprin 5100 Series electric door strike has been designed to offer flexibility and convenience for locksmiths and security professionals alike. 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 compatible with a wide range of cylindrical devices and is extremely versatile for field conversions. The combination of three faceplate options plus field selectable voltage and power fail modes allows it to be changed on the job site to create as many as 12 different configurations. An adjustable keeper also improves fit for applications with weather stripping or tight door preps. In short, the 5100 provides added convenience by ensuring the right parts are in the box to get the job done.

Like other Von Duprin strikes, the 5100 was developed to meet high standards and engineered for reliability and quality. Its durable construction and tamper-resistant design stands up to abuse and is tested to over one million cycles.

Features and benefits

- Designed for cylindrical applications
- Capable of 12 in-field configurations
- Three faceplates standard in every box
- Field selectable 12/24 voltage
- Non-handed, internal solenoid design
- Field selectable power failure mode (fail-safe/fail-secure)
- Adjustable keeper improves fit on tight door preps
- Options include 12 and 24 VAC to VDC rectifier kits
- Available in three finishes to suite with existing hardware
- Suitable for interior and exterior doors
- UL 1034 listed for burglary-resistant electric door strikes
- Meets ANSI/BHMA A156.31, Grade 1 for endurance and dynamic strength
- Meets ANSI/BHMA A156.31, Grade 2, 1300 lbs static strength
- Dynamic strength 70 ft-lbs
- Endurance 1,000,000 cycles

5100 Series power requirements

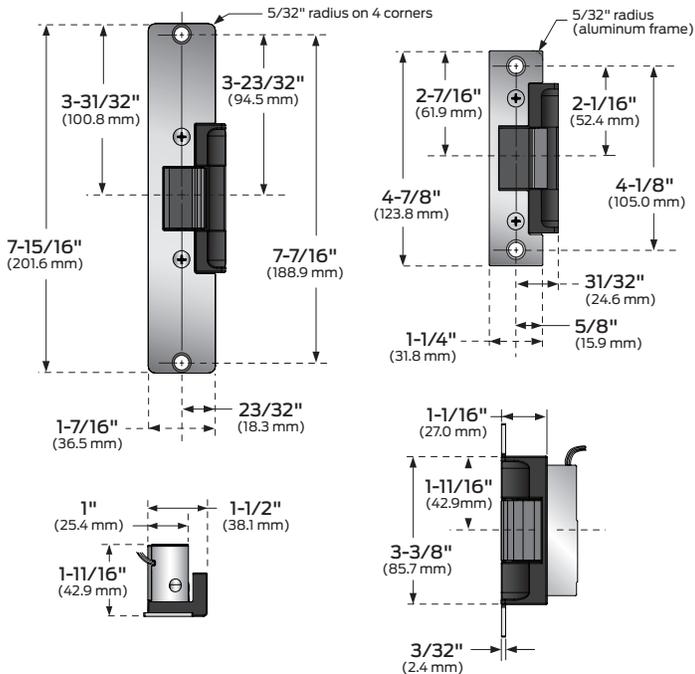
Model	Voltage	Current	Duty	Amps	Ohms
5100	12V	DC	Continuous	0.38	32
5100	24V	DC	Continuous	0.19	128

Continuous duty = Energized 1 minute or more

Model specifications

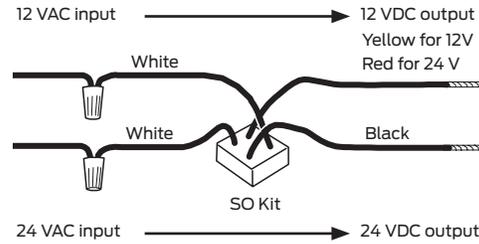
Model number	5100
Retrofits model	HES 5000C, 5200C, RCI 7 Series
Latchbolt throw	1/2" to 5/8" (1/2" keeper depth)
Face plate length	4 7/8" or 7 15/16"
Backbox depth	1 11/16"
Lockset	Cylindrical and deadlatch
Number of doors	Single
Frame type	Hollow metal, aluminum and wood
Listings	UL 1034 burglary listing
Application notes	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.

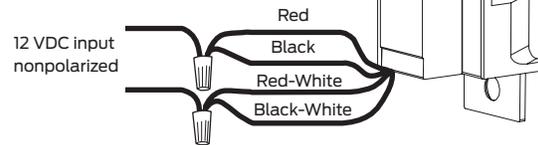


Solenoid power requirements; 12VDC, 0.38 A, 24 VDC, 0.19 A

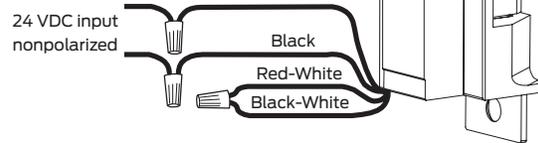
For DC operation, Von Duprin PS902 series power supply is recommended. For AC operation, Von Duprin SO24 kit is recommended.



12 VDC strike wiring



24VDC strike wiring



Ordering information

5100-US19-S024

Model	Finish	Rectifier kit*
1	2	3

* Optional

Selections correspond with the numbers above

1	Model
5100	Electric strike for cylindrical locksets
2	Finish
US SP28/BHMA 689	Aluminum
US 19/BHMA 622	Flat Black
US SP313/BHMA 695	Dark brown
3	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

- Power failure mode: Field configurable fail-secure/fail-safe
- Voltage: Field configurable 12VDC/24 VDC dual voltage solenoid
- Mounting tabs and shims
- Self-adhesive neoprene filler for retrofits

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.

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