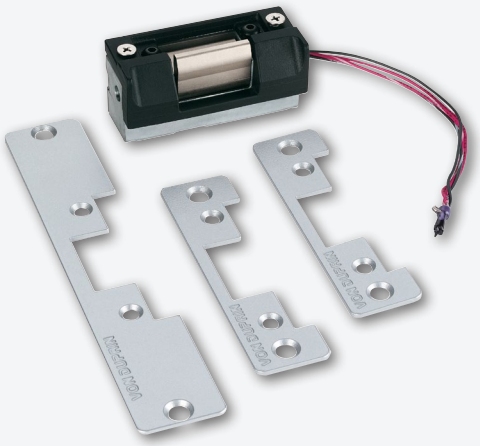
VON DUPRIN®

5100 Series

Electric Strike for Cylindrical Locksets & 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 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 burglary-resistant (UL 1034).

Features & Benefits

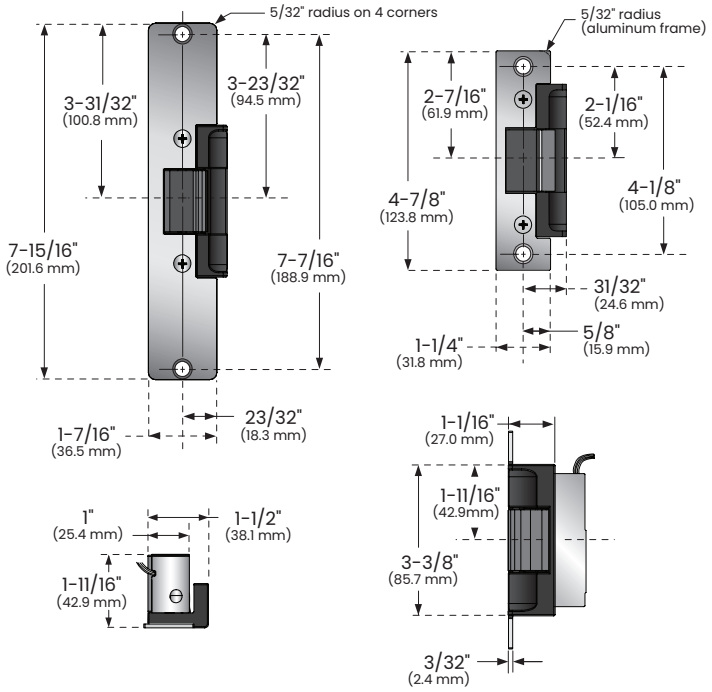
- Designed for cylindrical applications
- Capable of 12 in-field configurations
- Three faceplates standard in every box
- Field selectable 12/24 voltage
- Non-handed, internal solenoid design
- Field selectable power failure mode (fail-safe/fail-secure)
- Adjustable keeper improves fit on tight door preps
- Options include 12 and 24 VAC to VDC rectifier kits
- Available in three finishes to suite with existing hardware
- UL 1034 listed for burglary-resistant electric door strikes

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

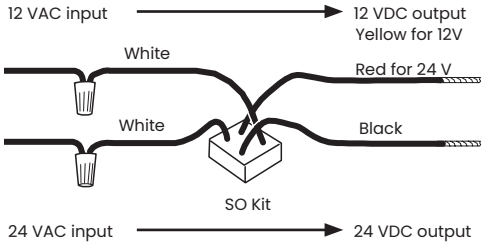
Model Specifications	
Model Number	5100
Retrofits Model	HES 5000C, 5200C, RCI 7 Series
Latchbolt Throw	1/2" to 5/8" (1/2" keeper depth)
Face Plate Length	4-7/8" or 7-15/16"
Backbox Depth	1-11/16"
Lockset	Cylindrical and deadlatch
Number of Doors	Single
Frame Type	Hollow metal, aluminum and wood
Application 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.

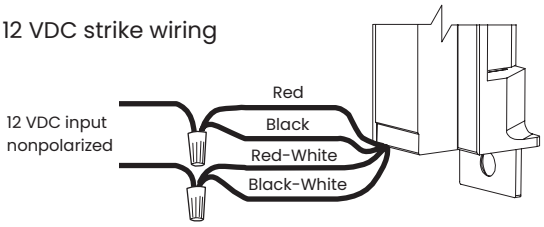


Solenoid power requirements; 12VDC, 0.38 A, 24 VDC, 0.19 A

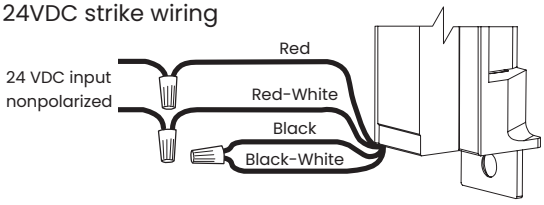
For DC operation, Von Duprin PS902 series power supply is recommended.
For AC operation, Von Duprin SO24 kit is recommended.



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

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