

## System components



The systems components category features a variety of devices which are utilized as part of an access control system. Products include electric strikes, electromagnetic locks, power supplies, and system accessories.

### Electric strikes

#### Overview

Electric strikes provide remote release of a locked door, allowing a door to be opened without retracting the latch bolt. Von Duprin offers a selection of strikes for a variety of applications and door preps.

#### Features

The 4200 Series is a great choice for commercial applications where traffic control is the primary function. It is designed for use with cylindrical locks and can be used with all Schlage and Falcon locks as well as those of many other manufacturers'.

The 5100 Series is a versatile electric strike designed for medium-duty applications, specifically to control traffic flow through interior and exterior openings in retail and commercial facilities.

Two series of heavy-duty stainless steel strike families are designed for use with rim exit devices. The 6100 Series comes in five configurations including a rim nightlatch strike. 6300 Series is a single, surface mounted strike great for aftermarket replacement.

The 6200 Series includes 17 strike configurations featuring stainless steel construction for heavy duty applications. Use them with mortise or cylindrical locks. Both the 6100 and 6200 Series are available with a variety of options including AC operation, dual switch monitoring, entry buzzer, fail secure and fail safe.

The 6400 Series is an all-in-one modular strike for both cylindrical and mortise applications. Its field configurable deadbolt keeper and dead latch ramp to allow for alignment with a wide variety of doors and frames.

#### Benefits

Electric strikes can be used in standalone applications or as part of a sophisticated access control system and can be deployed on a variety of openings. In many cases electric strikes are an ideal solution for end users who are ready to migrate from mechanical to electronic access control.

# Electromagnetic locks

## Overview

The broad portfolio of Schlage electromagnetic locks offers a solution for most every application. Whether it's securing a hospital laboratory, monitoring a controlled area in an airport or providing traffic control for doors in an institutional building, Schlage electromagnetic door locks are designed to exceed the standards set by the Builders Hardware Manufacturers Association (BHMA). The portfolio encompasses a variety of hold force ratings including 500 lbs. for traffic control, 1000 lbs. for high security and 1500 lbs. for maximum security, as well as specialty locks for unique applications.

## Features

The M400 Series electromagnetic locks are available in two configurations to meet your specific security needs. M420, M450 and M490 provide basic security while models M420P, M450P and M490P provide intelligent sensing and reporting features needed to integrate with access control systems. The M400 Series is available with BHMA hold force ratings of 500 lbs, 1000 lbs and 1500 lbs.

Schlage also offers a variety of electromagnetic locks for specialty applications including the M490DE for delayed egress, 490G for gates, GF3000 shear locks for mortised/vertical doors, and the 320M for sliding door applications.

## Benefits

The M400 Series electromagnetic locks feature a bayonet mounting system that allows the installer to have their hands free during the mounting process. All M400 Series electromagnetic locks are symmetrical with field-selectable handing, allowing for optimum placement of the magnet no matter the application.

Schlage specialty electromagnetic locks are each designed with specific feature sets to optimize performance in the variety of unique, harsh and complex environments for which they are suited.

# Power supplies

## Overview

PS900 Series power supplies and accessories offer enhanced flexibility and functionality specific to the changing needs of the access control market. The PS900 Series can be used in a variety of applications to convert high voltage AC power into the low voltage DC outputs required by most access control devices. The PS900 Series protects devices downstream by providing Class 2<sup>1</sup>, filtered and regulated power. The full line is UL 294 certified.

## Features

The PS900 Series features three Schlage branded models; PS902 - 2 amp, PS904 - 4 amp, and PS906 – 6 amp. The PS900 Series also features the Von Duprin PS914 – 4 amp with high in-rush which is designed specifically for use with electrified exit devices. The full series of power supplies can be outfitted with a variety of distribution options including basic fuse protection, simple relay, and advanced logic providing complex sequencing and timing functions.

## Benefits

Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. An optional fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when alarm signal is provided.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This new design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (such as electrified strikes, electromagnetic locks, card readers, etc).

<sup>1</sup> PS906 can provide Class 2 rated outputs when used with 900-8P distribution board.

# System accessories

## Overview

System accessories include a variety of devices that enable specific functionality whether in standalone applications or as part of networked access control systems. The category is comprised of pushbuttons, key switches, request-to-exit bars, monitoring stations and consoles, exit sensors, electric horns and more.

## Features

The specially designed 620/631 Series heavy-duty pushbuttons and 700 Series general purpose pushbuttons, as well as the 650 Series heavy-duty keyswitches, offer momentary or maintained SPDT or DPDT contact configurations.

The 700 Series pushbuttons are used to control the ingress and/or egress of a door.

The 620/631 Series are heavy-duty and have multiple button configurations and finish options.

The 650 Series keyswitches utilize an innovative magnetic spring design which allows installers to quickly configure both clockwise and counterclockwise key turn direction, as well as momentary or maintained action.

The 740 Series emergency break glass releases are designed for use as emergency releases of non-designated egress doors such as in individual and partitioned laboratories, secluded testing areas, or other isolated work rooms that are purposely provided with exit doors.

The 672/692 Series request-to-exit bars are non-latching releasing devices which allow egress at doors with electric locking devices, such as electromagnetic locks. The SCAN II is a passive infrared (PIR) sensor specifically designed for request-to-exit applications.

The 8200 Series consoles provide door control and monitoring for up to eight zones. The 8204 is used for one to four zones and the 8208 for one to eight zones.

The 800/801 Series monitoring stations can provide monitoring for a single zone with up to 2 LED indicators. The 801 unit includes an audible and visual indication of lock status and delay activation.

The 660 Series mini station control is designed for concealed desk application, and it is used to release an electric or electronic locking mechanism from a remote location.

Electric horns are designed for use as an immediate local audible warning device incorporated in a security system. Horns are field selectable 12 or 24 VDC with eight combinations of volume, tone and code.

Magnetic door position switches can be used to monitor a wide range of conditions for doors, roof hatches, gates or the proximity of any two objects.

Electric power transfers (EPT) are also used when installing electrified exit devices or electrified locks. They provide a means of transferring electrical power from a door frame to the edge of a swinging door.

Electrified hinges and power transfer pivots integrate seamlessly with your access control system and your door mounted electrified hardware.

Armored door cords are used when installing electric exit devices or electric locks and provide a simple and economical solution for transferring power from frame to door.

The 4425 cabinet lock by Schlage provides a versatile solution to add access control to a cabinet.

The PB405 PowerBolt is a mortise, right angle deadbolt with which is available with fail-safe or fail-secure options.

## Benefits

System accessories allow you to customize each opening to meet specific security and safety needs. Schlage offers a variety of the most popular accessories designed for medium to heavy-duty applications. By choosing Schlage components, you can be assured that the system will meet the requirements of the job, whether new construction or aftermarket.

## Power supplies - Schlage and Von Duprin

	PS902	PS904	PS906	PS914
<b>Features</b>				
Input voltage	120V/240V AC, 50/60 Hz, universal input			
Output voltage	2 amp @ 12V or 24V DC, field selectable	4 amp @ 12V or 24V DC, field selectable	6 amp @ 12V or 24V DC, field selectable	4 amp, High Inrush @ 12V or 24V, field selectable
Distribution/option board connectors	1	2	3	2
Fire alarm plug-in connector	Yes	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
Battery backup plug-in connector	Yes	Yes	Yes	Yes
<b>Enclosure</b>				
Dimensions (H x W x D)	14 in x 12 in x 4 in			
Key lock option	Y	Y	Y	Y
<b>Battery backup</b>				
900-BB: battery backup board only	Y	Y	Y <sup>3</sup>	Y
900-BBK: battery backup kit	Y	Y	Y <sup>3</sup>	Y
<b>Option boards</b>				
900-FA: fire alarm	Y	Y (Must be installed on an option board)	Y (Must be installed on an option board)	Y (Must be installed on an option board)
900-2RS: 2 relay option board	Y	Y	Y	Y
900-4R: 4 relay option board	Y	Y	Y	Y
900-4RL: 4 relay logic board	Y	Y	Y	Y
900-8F: fuse protected 8 zone board	Y	Y	Y	Y
900-8P: PTC 8 zone distribution board	Y	Y	Y (Class 2 rated on PS906 only)	Y
<b>Certifications</b>				
UL 294	Y	Y	Y	Y
ULC-S318	Y	Y	Y	Y
Class 2	Y	Y	Y <sup>2</sup>	Y
RoHS	Y	Y	Y	Y
FCC Part 15	Y	Y	Y	Y

1 Requires available option board for connection.

2 Class 2 rated outputs can be provided using 900-8P distribution board in conjunction with the PS906.

3 Addition of battery in compartment limits option board application to two.

## Electromagnetic locks

	M400 electromagnetic locks				
	M420, M420P	M450, M450P	M490, M490P	M490DE, M490DEP	M490G
<b>Features</b>					
Hold force	500 lbs.	1000 lbs	1500 lbs	1300 lbs	1500 lbs
Input voltage	12V/24V DC	12V/24V DC	12V/24V DC	12V/24V DC	12V/24V DC
Current draw	0.75A @ 12V DC 0.38A @ 24V DC	0.75A @ 12V DC 0.38A @ 24V DC	0.65A @ 12V DC 0.35A @ 24V DC	.75A @ 12V DC .45A @ 24V DC	0.65A @ 12V DC 0.35A @ 24V DC
<b>Dimensions</b>					
Lock dimensions (H x W x L)	2.5 in x 9 in x 1.375 in	3 in x 10.25 in x 1.75 in	3 in x 12.5 in x 1.75 in	3 in x 12.5 in x 3.0625 in	3 in x 11 in x 1.75 in
Weight	6 lbs	10 lbs	14 lbs	16 lbs	14 lbs
<b>Certifications</b>					
ANSI/BHMA 156.23	Y	Y	Y	-	Y - Outdoor Rated
ANSI/BHMA 156.24	-	-	-	Y	-
UL 10C	3-hour	3-hour	3-hour	3-hour	-
UL 1034	Y	Y	Y	-	-
UL 294	Y	Y	Y	Y	-
cUL	Y	Y	Y	Y	-
CSFM	Y	Y	Y	Y	-

M490DEP also meets NFPA 101 Life Safety Code and can be ordered as BOCA compliant.

## Electromagnetic locks

	Specialty mag locks		
	GF3000SM (Surface mount)	GF3000 (Mortise mount)	320M
<b>Features</b>			
Hold force	3000 lbs	3000 lbs	500/650 lbs
Input voltage	12V/24V DC	12V/24V DC	12V/24V DC
Current draw	0.90A @ 12V DC 0.45A @ 24V DC	0.90A @ 12V DC 0.45A @ 24V DC	0.23A @12V DC 0.45A @ 24V DC
<b>Dimensions</b>			
Lock dimensions (H x W x L)	1.875 in X 9.8125 in X 2 in	1.5 in X 9.5 in X 1.5 in	1.375 in x 7 in x 1.875 in
Weight	9 lbs	7 lbs	6 lbs
<b>Certifications</b>			
ANSI/BHMA 156.23	Y	Y	N/A
ANSI/BHMA 156.24	-	-	-
UL 10C	3-hour	3-hour	3-hour
UL 1034	Y	Y	-
UL 294	-	-	-
cUL	Y	Y	Y
CSFM	Y	Y	Y

This page intentionally left blank.

Allegion, the Allegion logo, aptiQ, Falcon, Schlage, the Schlage logo, Von Duprin and XceedID are trademarks of Allegion plc, its subsidiaries and/or affiliates in the United States and other countries. All other trademarks are the property of their respective owners.

## 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](http://www.allegion.com).

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN



© 2018 Allegion  
005028, Rev. 02/18  
[www.allegion.com/us](http://www.allegion.com/us)