



Wired High Security Solutions for Single Doors

High security, non-glass doors require smart, simple access control to protect sensitive equipment, confidential or private documents, and maintain control over who goes in and when.

System Components for Wired High Security Doors

Electrified ND-Series Lock with Electrified Hinge

The ND-Series is Schlage's toughest cylindrical lock and is available for electrically locking and unlocking high-security and fire-safety doors. The electrified hinge is concealed.

- UL Listed for both fire and electrical single-point locking
- Programmed fail-secure with request-to-exit



Magnetic Lock

Ideal for high security applications with a hold force exceeding BHMA 1500 pound rating. Magnetic bond sensor indicates proper bond between the magnet and armature, ensuring maximum holding force and accurate monitoring.



Electric Strike

Designed to control traffic flow through interior and exterior doors, especially in retail and commercial environments.

- Requires no alteration or cutting to existing frame
- Mount on any hollow metal, aluminum, or wood frame
- 12/24 VDC field selectable



Power Supply

The PS902 power supply is UL294 Listed for access control and provides 2 amps at 12/24 VDC of class 2 power limited output.

- Accepts one optional distribution board
- LED indicator shows AC input and DC output status



Request-To-Exit Pushbutton

Used for egress doors that are electronically locked. Features aluminum button with "PUSH TO EXIT" engraved on it.



System Components for Wired High Security Doors

Request-To-Exit Motion Detector Scanner

Passive Infrared Detector (PIR) specifically designed for request-to-exit applications.

- Internally adjustable relay latch time
- Selectable fail safe/fail secure
- Coverage up to 10 feet



Door Position Switch

Surface mount magnetic switch used to monitor the position of the door. Available for aluminum, wood, and hollow metal doors.

Smart Card Reader (13.56 MHz)

Reader exchanges information with smart card credentials for mutual authentication.

- Read range up to two inches
- Reads multiple smart card formats
- Designed for use in interior, exterior, metal and non-metal installations
- Mini-mullion style



BB-2 (Magnetic Lock)

Product Desc	IRST Part#	Qty
Magnetic lock	M490P	1
Power supply	PS902	1
Pushbutton	631AL EX-DA	1
Reader interface	SBB-RI	1
Motion detector	SCAN II-W	1
Smart card reader	SFX1060-MF	1

Description of Operation:

- Door is normally closed and secured by magnetic lock
- Valid smart card on the exterior side of the door releases the magnetic lock
- Motion detector monitors authorized egress for access control system audit trail
- Free egress/exit at all times
- Pushbutton required by code as second form of release
- If magnetic lock is used, most building codes require a fire alarm release package

BB-3 (Electric Strike)

Product Desc	IRST Part#	Qty
Electric strike	6300 PSE 24V DC	1
Power supply	PS902	1
Door position switch	7766	1
Reader interface	SBB-RI	1
Motion detector	SCAN II-W	1
Smart card reader	SXF1060-MF	1

Description of Operation:

- Door is normally closed and locked
- Valid smart card on the exterior side of the door releases the electric strike to unlock the door
- Free egress/exit at all times
- Motion detector monitors authorized egress for access control system audit trail
- Door position switch indicates status of door

BB-4 (Electric Lockset with REX)

Product Desc	IRST Part#	Qty
Electric hinge	5BB1 4.5 x 4.5 TW4	1
ND-Series lock	ND80PDEU SPA REX	
Power supply	PS902	1
Door position switch	7766	1
Reader interface	SBB-RI	1
Smart card reader	SXF1060-MF	1

Description of Operation:

- Door is normally closed and locked
- Valid smart card on the exterior side of the door unlocks electric lock
- Free egress/exit at all times
- Request-to-exit switch and lock monitor authorized egress for access control system audit trail
- Door position switch indicates status of door

