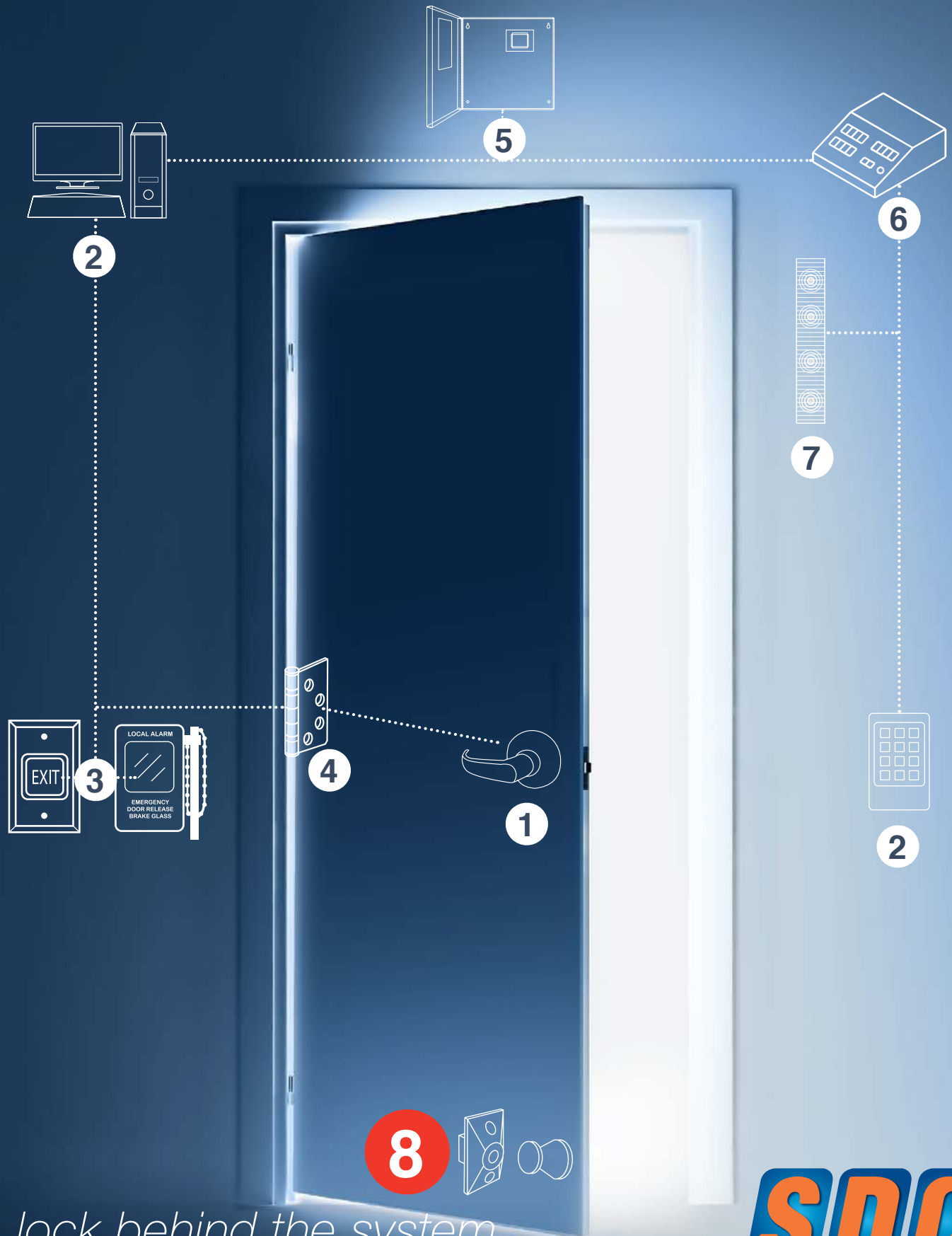


ACCESS & EGRESS SOLUTIONS

ACCESSORIES



The lock behind the system

SDCSecurity.com

800.413.8783

service@sdsecurity.com

SDC
Security Door Controls

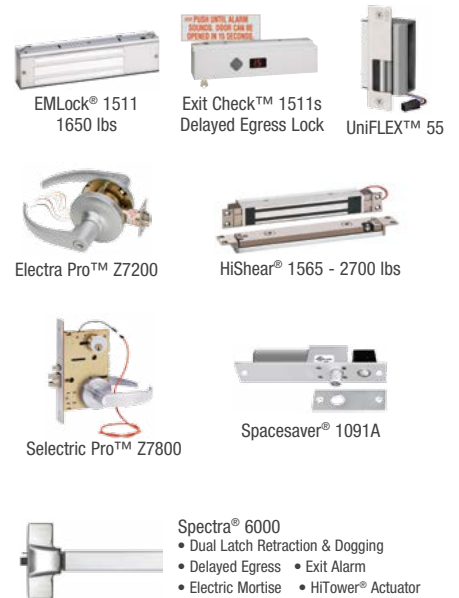
Complete Component Considerations

Standalone



1 Locking Device

- Electric Strike
- Delayed Egress Lock
- Electric Bolt Lock
- Electrified Lockset
- Exit Device
- Frame Actuator Lockset
- Magnetic Lock



2 Access Control

Standalone or Network

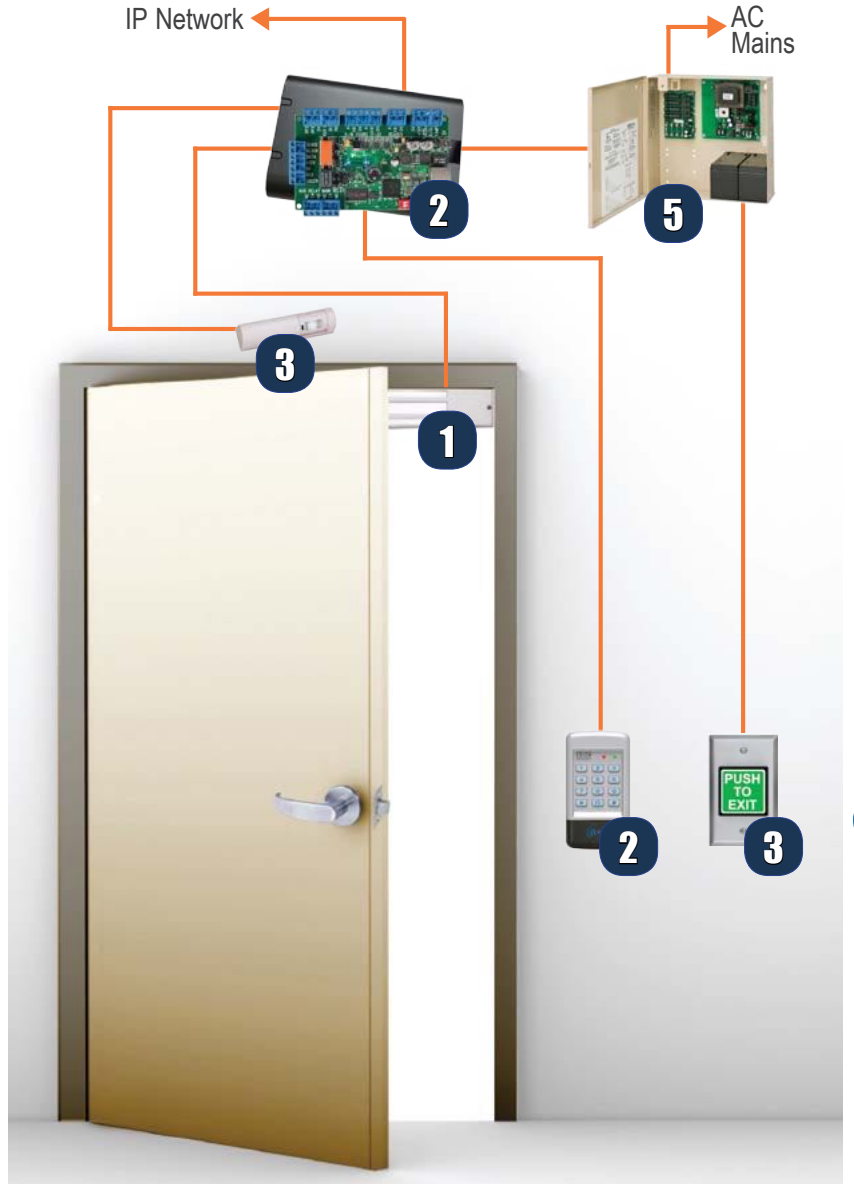
- Keyswitch
- Digital Keypad
- Card Reader



3 Egress Device

- Exit Switch
- PIR Egress Sensor
- Exit Sense Bar
- Emergency Door Release
- ADA Compliant Solutions

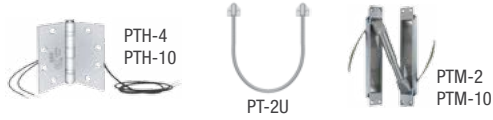




4 Power Transfer Devices

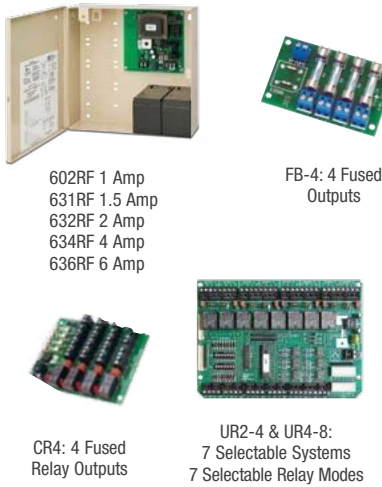
Required With Locksets & Exit Devices

- Electric Power Hinge
- Power Transfer Loop
- Concealed Power Transfer



5 Power Supply & Door Controller

- 12/24VDC, Class 2
- Fire release input
- System Status LED's
- Multiple Fused Outputs
- Multiple Relay Configurations
- Universal Programmable Controllers



6 Remote Controls

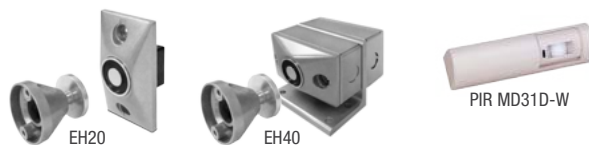


7 Annunciators



8 Accessories & Misc

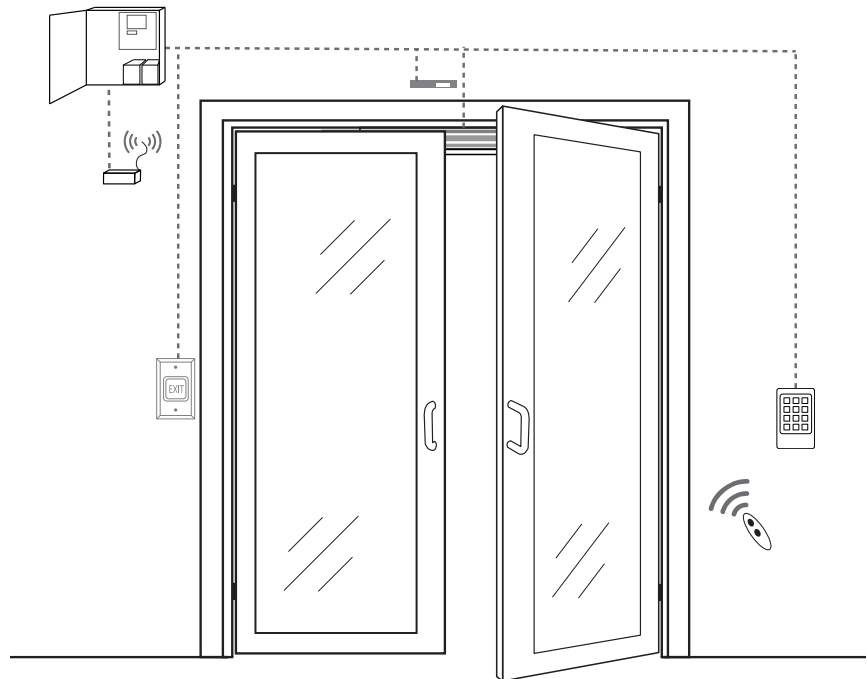
- Magnetic Door Holder Release Device





Accessories

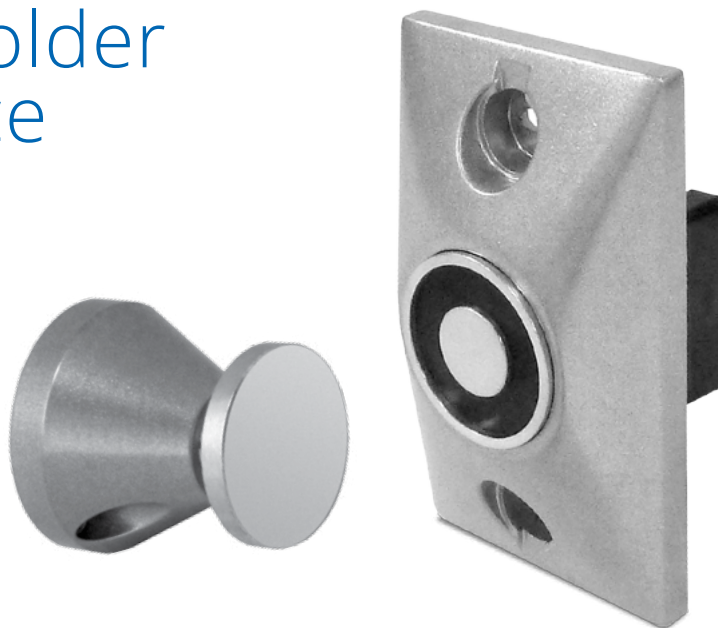
From wireless remote controls to durable door holding & release devices, to REX sensors, timers, ball and magnetic switches, and from concealed contact to universal mounting enclosure - there's an SDC accessory to complement or enhance almost any access or egress component we sell.



EH Series Magnetic Door Holder & Releasing Device

SDC EH Series Magnetic Door Holders, are designed to hold doors open and release the door by remote switch or fire life safety command center activation. Primary application includes holding and releasing of fire rated doors that are required to provide a barrier for fire and smoke in an emergency or the convenience of door closure by remote control.

- Field Selectable High Holding Force, 75 or 110lbs
- For Self Closing Fire & Smoke Barrier Doors
- Door Released & Closed Upon Power Loss or Fire Life Safety System Activation



FEATURES

- **Choice of 25, 30, 35 or 40lbs holding force**
Determined by units specified voltage
- **Very low power consumption**
Reduced power supply requirements & energy costs
15mA, 20mA or 40mA (see performance data)
- **High Holding Force standard***
Reduces stock or need to special order high holding force. Determined by field selected voltage input
*Not available with 24/220V units
- **Choice of 3 dual AC/DC voltages**
 - ▶ **1224 Voltage Inputs**
12V/30lbs; 24V/30lbs; Apply 24V to 12V input for 75lbs
 - ▶ **24120 Voltage Input**
24V/40lbs; 120V/35lbs; Apply 120V to 24V input for 110lbs
 - ▶ **24220 Voltage Inputs**
24V/40lbs; 220V/25lbs. *High holding force not available
- **Screw terminal block input connections**
No wire nuts or pigtails for simple and neat wiring.
- **Innovative installation**
Eliminates need for secondary alignment adjustments
- **Self aligning catch plate & adjustable magnet centerline**
Ball pivot assembly enables full plate contact and holding force. Optional adjustable rod compensate for extreme misalignment up to 4 inches. Slotted mounting holes enable adjustment of magnet centerline.

MODELS

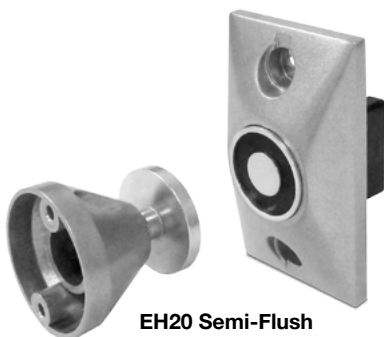
Choice of 5 Durable Die Cast Models

- EH10** Flush Mount
- EH20** Semi-Flush Mount
- EH30** Surface Mount
- EH40** Floor Mount
- EH42** Double Floor Mount





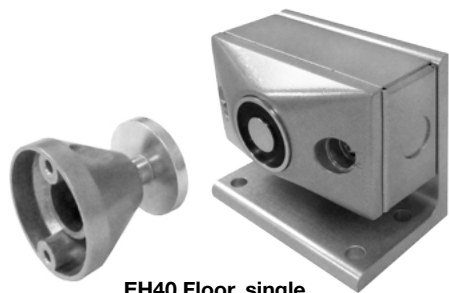
EH10 Flush



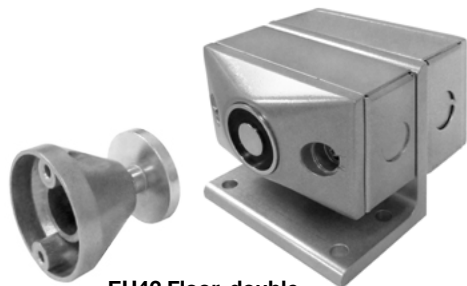
EH20 Semi-Flush



EH30 Surface



EH40 Floor, single



EH42 Floor, double


PRODUCT SKU SAMPLE: **EH30 1224 A**

HOW TO ORDER



1| SPECIFY MODELS

-  **EH10** Flush Mount
-  **EH20** Semi-Flush Mount
-  **EH30** Surface Mount
- EH40** Floor Mount, Single
- EH42** Floor Mount, Double

3| SPECIFY FINISH

-  **A** Chrome Powder Coat
- P** 625 Chrome Plated
- C** 605 Brass Plated

2| SPECIFY VOLTAGE

-  **1224** 12/24VAC/DC
-  **24120** 24VAC/DC/120VAC
- 24220** 24VAC/DC/220VAC

SPECIFICATIONS

Materials	Zinc Alloy
Voltage	Standard dual voltage AC or DC inputs of 12 & 24V, 24 & 120V, 24 & 220V models
Holding Force	Typical holding force of 25-40 pounds; performance value can be increased to 75 lbs or 110 lbs on special applications (see performance data)
Mount	Single or double coil floor, surface, flush, or recessed mount
Total Projection	Flush mount: 2-11/32" Semi-flush mount: 3-1/16" Surface mount: 4-5/8" Floor mount (single door): 5" Floor mount (double door): 9-5/8"
Fasteners	Hardware package, mounting bracket Optional aluminum extension and misalignment rods available
Notes	Drill fixture available Replacement catch plate and catch plate assembly available Adhesive template included
Weight	2.0 lbs

PERFORMANCE DATA

Model	Voltage	DC/mA	AC/mA	Terminals	LB.	KG.
1224	12V	40	38	C&L	30	13.6
	24V	40	36	C&H	30	13.6
24120	24V	20	19	C&L	40	18.1
	120V	—	20	C&H	35	15.8
24220	24V	20	19	C&L	40	18.1
	220V	—	15	C&H	25	11.3

HIGH HOLDING FORCE / SPECIAL APPLICATIONS

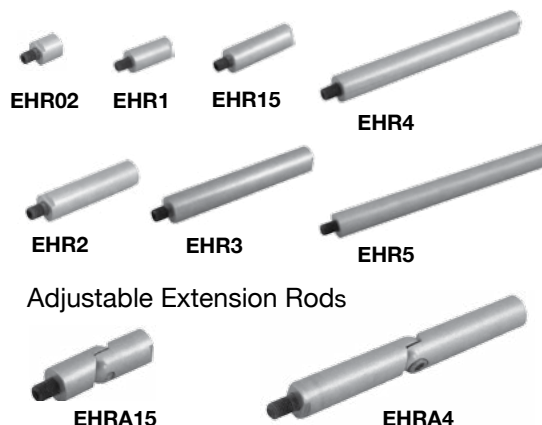
Model	Voltage	DC/mA	AC/mA	Terminals	LB.	KG.
1224	24V	85	81	C&L	75	34.0
24120	120V	—	100	C&L	110	49.8

To obtain performance values in high holding force table above apply high listed voltage to low voltage terminals (C & L). NOTE: This configuration can only be applied to models 1224 & 24120.

ACCESSORIES

EXTENSION RODS:

Extensions Rod(s) may be required to ensure proper installation by providing increased reach for the Armature Catch Plate. Adjustable Extension Rods provide increased operational alignment where needed to ensure the best door holder operation and performance.



Adjustable Extension Rods

HOW TO ORDER

1| SPECIFY MODELS

Extension Rod

Refer to Figure A to determine correct rod length for each individual openings installation and adjustability requirements

- EHR02** 1/2" Extension Rod
- EHR1** 1" Extension Rod
- EHR15** 1 1/2" Extension Rod
- EHR2** 2" Extension Rod
- EHR3** 3" Extension Rod
- EHR4** 4" Extension Rod
- EHR5** 5" Extension Rod

Adjustable Extension Rods

- EHRA15** 1-1/2" Adjustable Extension Rod
- EHRA4** 4" Adjustable Extension Rod

2| SPECIFY FINISH

- A** Chrome Powder Coat
- P** 625 Chrome Plated
- C** 605 Brass Plated

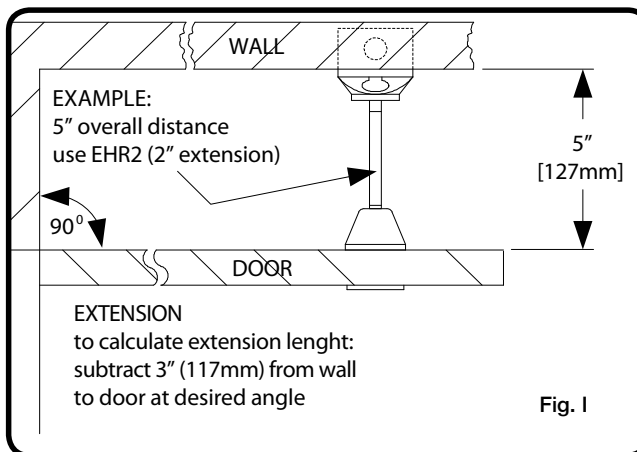


Fig. I

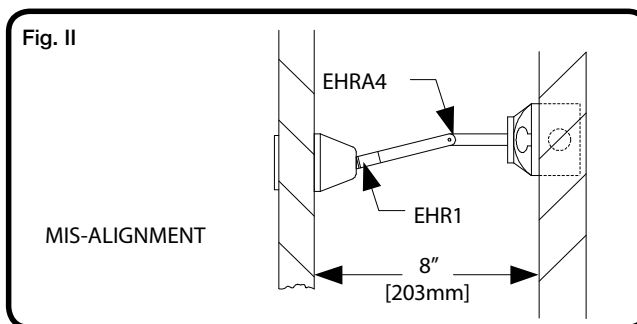


Fig. II

HOW TO DETERMINE EXTENSION ROD & ADJUSTABLE ROD LENGTH

Extensions Rod Application: Refer to Fig. I for Aligned Catch Plate and Door Holder

Adjustable Rod Application:

Refer to Fig. II for Misaligned Catch Plate and Door Holder

1. Hold door open at desired position.
2. Measure distance between door and wall.
3. Subtract below dimension indicated for door holder style

Flush Mount: Subtract 3" from measured distance to determine minimum rod length.

Recessed Mount: Subtract 2-3/8" from measured distance to determine minimum rod length.

Surface Mount: Subtract 4-5/8" from measured distance to determine minimum rod length.

 ACCESSORIES



EHBB SURFACE BACK BOX
 2-25/32" x 4-7/8" x 1-1/2"
 Supplied with EH30, EH40, EH42



EHDF DRILLING FIXTURE
 Attach to door for quick and accurate hole location



EHCP CATCH PLATE
 Replacement for the catch plate assembly



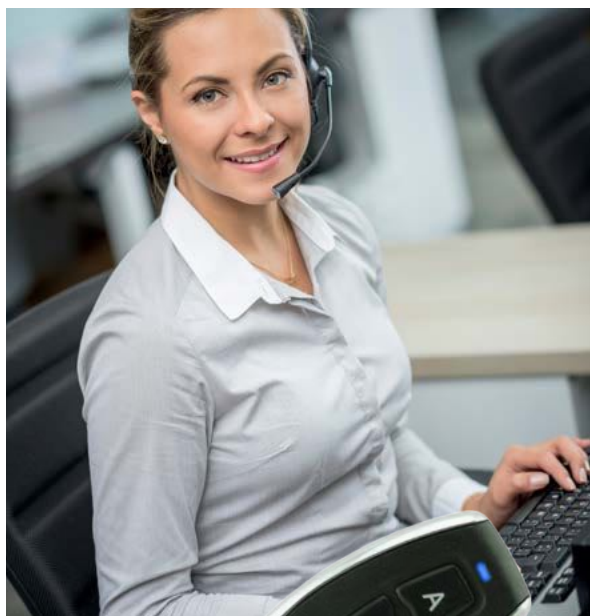
EHW EXTENSION WRENCHES
 Used to tighten extension rods to catch plate assembly



EHSB CATCH PLATE ASSEMBLY
 Swivel design allows catch disc to move in all directions to assist with slight misalignment issues

WRC Series

2 Channel Wireless 433MHz Transmitter & Receiver



WRC-2B



WRC-R2

SDC's **WRC Series** 2-Channel wireless transmitter/receiver solution is specifically designed to be used as a receptionist button or remote release for single or dual door access control applications. Receiver has the capacity to learn up to 30 fixed transmitter codes using the onboard learning button and status LED.

FEATURES

- Transmits and Receives at 433.92MHz Frequency
- Transmitter operates with WRC-R2
- Transmitter features Pendant Keychain type housing
- Receiver includes 12", 8-Wire Pigtail for Quick Installation



- Capacity to learn up to 30 Transmitters codes per Receiver unit via onboard Learning Button and Status LED

 MODELS	
 WRC-R2	433MHz Two Channel Wireless Receiver
 WRC-2B	433MHz Two Button Pendant Wireless Transmitter

- 4 field-selectable Operation Modes:
 - Timed (3s):** Remote button "A" activates relay "A" for 3 seconds (fixed); remote button "B" activates relay "B" for 3 seconds (fixed). Both relays may be activated at the same time.
 - Toggle:** Pressing remote button "A" activates relay "A". Relay "A" remains active until remote button "A" is pressed again; Pressing remote button "B" activates relay "B". Relay "B" remains active until remote button "B" is pressed again. Both relays may be activated at the same time.
 - Manual (M) (default):** Pressing remote button "A" activates relay "A". Relay "A" remains active only while remote button "A" is pressed; Pressing remote button "B" activates relay "B". Relay "B" remains active only while remote button "B" is pressed.
 - Latching (L):** Pressing either remote button activates its respective relay. The relay remains active until the other remote button is pressed, activating its respective relay.



SPECIFICATIONS

RECEIVER

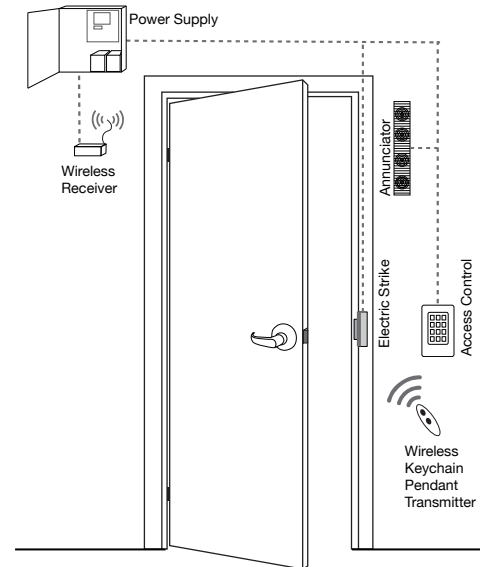
Carrier Frequency	433.92 MHz
Power Supply	24VDC
Relay Outputs	Two (2) Dry, SPDT
Contact Rating	10A @ 30VDC (resistive)
Current Consumption	9mA @ 24VDC (standby), 46mA (max)
Temperature	-22F — 140F
Dimensions	2.5"W x 1.75"W x 1.2" Deep

TRANSMITTER

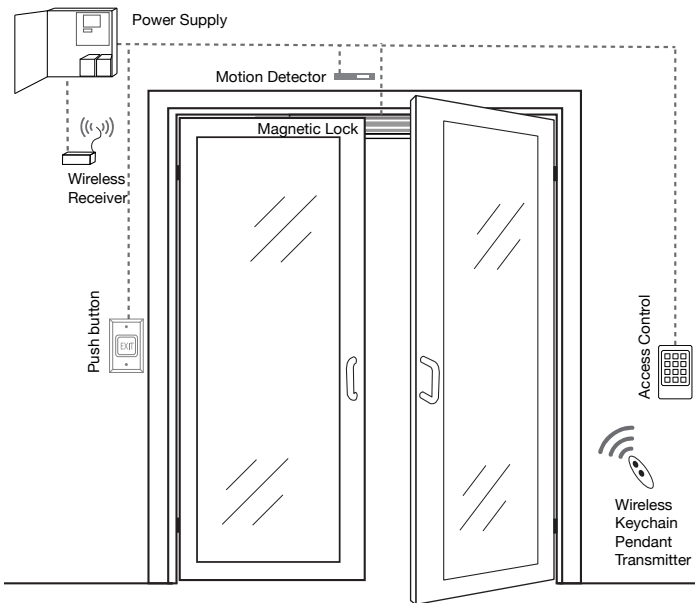
Voltage Input	6VDC (2x CR2016 3V Lithium included)
Frequency	433.92MHz
Transmitting Distance	165 feet (without obstructions)
Operates with	WRC-R2
Dimensions	2.25"L x 1.125"W x .5" plus attached clip
Activation	Hold 'A' or 'B' button for 1 second

APPLICATIONS

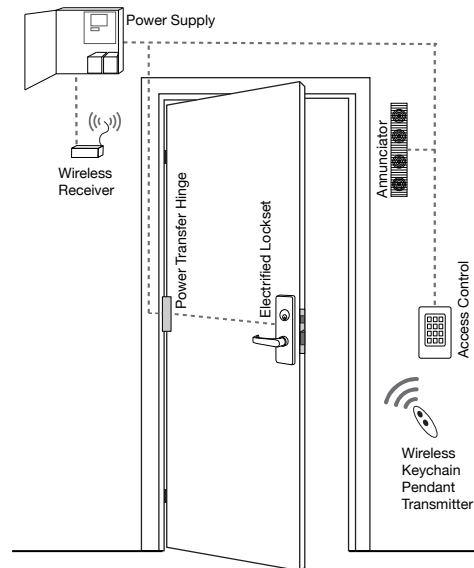
SINGLE DOOR WIRELESS ELECTRIC STRIKE SOLUTION



DOUBLE DOOR WIRELESS EMLOCK SOLUTION



SINGLE DOOR WIRELESS ELECTRIC LOCKSET SOLUTION



ACCESSORIES

602RF 1 Amp, 12/24VDC Power Supply, UL 294

631RF 1.5 Amp, 12/24VDC Power Supply, UL 294



See <http://www.sdcsecurity.com/power-controllers.htm> for full series of SDCs Power Supplies.

918 Indoor, single gang keypad

920 Indoor/outdoor, heavy duty surface mount keypad



MD-31D Motion detector with time delay

EA100 Multi-LED exit annunciator



MD31D

Request-to-Exit PIR Sensor



The **SDC MD31D Passive Infrared Detector** is specifically designed for request-to-exit applications. The coverage field is internally pointable. When angled 14° down, coverage may be 5 x 6 feet at 7 feet high to 10 x 12 feet at 15 feet high. The MD31D projects a wrap around “U” pattern down and away from the door to inhibit tampering.



The MD31D complies with national fire and building code requirements for Access Controlled Egress Doors listed below:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7

FEATURES

- Adjustable 1-60 Second Time Delay
- May be Mounted to Frame Header, Wall or Ceiling
- Complies with NFPA Applications

MODELS

-  **MD31D-W** PIR Motion Detector, White
-  **MD31D-B** PIR Motion Detector, Black

SPECIFICATIONS

Input	12 or 24 VDC/VAC @ 26mA max.
Contact	2 SPDT Dry, 1 Amp @ 30VDC
Operating Temperature	14°F to 120°F (-210°C to 50°C)
Dimensions	2”H x 7”W x 2”D

CODE COMPLIANT EGRESS SENSOR

PIR egress sensor with failsafe mode (lock releases when power to PIR sensor is interrupted).



10TD Mini Timer

The **SDC 10TD** is a field adjustable 1-60 second miniature time delay relay designed for timed unlocking of electric locks.



SPECIFICATIONS

Contact	SPDT Dry, 2 Amps @ 30VDC
Voltage	12/24V AC/DC @ 50mA
Trigger Input	N.O. (Normally open)
Dimensions	2.25"H x 1.5"W x 0.75"D

FEATURES

- Small Size Allows it to Fit Easily into a Single Gang Box or Inside a Door Frame

MODEL

10TD Mini Time Delay Relay



14-2 Seven Day, Skip-A-Day Timer

The **SDC 14-2** is a compact, field programmable, 7 day skip-a-day timer module recommended for automatic timed locking and unlocking of one door or all doors on the same circuit. The timer may be programmed to skip unlocking on selected days or weekends. The timer may also be installed in a power supply



SPECIFICATIONS

Contact	SPDT Dry, 16 Amps @ 30VDC
Voltage	12V AC/DC or 24V AC/DC (Please specify)
Dimensions	2.375"H x 2.375"W x 1.25"D

FEATURES

- Memory Battery Backup Capability

MODELS

- 14-2** Seven Day, Skip-A-Day Timer, 24VAC/DC
- 14-2-12** Seven Day, Skip-A-Day Timer, 12VAC/DC



DPS-11 Ball Switch

The SDC DPS-11 Ball Switch is compatible with swinging or sliding doors. Recommended uses include communicated doors, mantraps, auto re-lock switches and high current applications.



SPECIFICATIONS

Contact SPDT Dry, 4 Amps @ 30VDC

Faceplate 2.75"H x 1.25"W x 0.125"D

Switch Depth 1.25"

Finish 628 Satin Aluminum

Weight 1.0 lbs



FEATURES

- Electromechanical Ball
- Adjustable Switch



MODELS

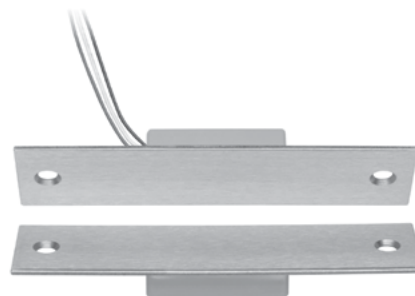
DPS-11 Ball Switch, SPDT

DPS-11-2 Ball Switch , (2) SPDT



MC-4M Concealed Magnetic Contact

Designed for vandal resistance, the SDC MC-4M is installed in the mortise of a hollow metal or aluminum frame and wood, hollow metal or aluminum door.



SPECIFICATIONS

Contact SPDT, 50mA @ 30VDC

Faceplate 4.875"H x 1.25"W x 0.125"D

Switch Depth 0.5"

Finish 628 Satin Aluminum

Weight 1.0 lbs



FEATURES

- Recessed Magnetic Mounted on 1-1/4" x 4-7/8" Plate



MODEL

MC-4M Concealed Magnetic Contact



MC-4 Magnetic Switch

Ideal for door status monitoring, the SDC MC-4 is easily installed in hollow metal and aluminum doors and frames. Off-white color.



SPECIFICATIONS

Contact	SPDT, 50mA @ 30VDC
Door/Frame Preparation	0.75" Diameter x 1" Deep
Gap	0.5"



FEATURES

- Recessed Magnetic Contact



MODEL



MC-4PAK

Magnetic Switch, 10 pack



MC-7 High Security Magnetic Switch

Biased for high security door status monitoring, the MC-7 guards against false status indication caused by the presence of an additional magnet. Installed in hollow metal and aluminum doors and frames. Recommended for high security applications. Black color.



SPECIFICATIONS

Contact	SPDT, 50mA @ 30VDC
Door/Frame Preparation	1" Diameter x 1" Deep
Gap	0.5"



FEATURES

- Biased High Security
- Magnetic Contact



MODEL

MC-7

High Security
Magnetic Switch



UME

Universal Mounting Enclosure

Universal Module Enclosure for single modules
 Universal mounting standoffs will accommodate
 FB-4, UR-1, 12VR, ACM-1, PB-16, PB-8, PSM,
 621B, or LR100EM boards



SPECIFICATIONS

Dimension 5-5/8"H x 7-11/16"W x 3-3/8"D



MODEL

UME Back Box - off-white

APB1000A

Emergency Access Panel

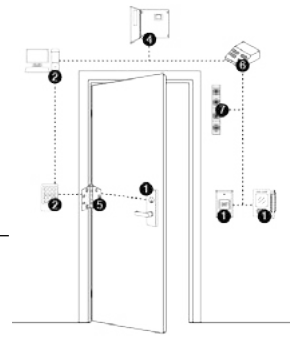
Emergency Access Panel for
 Lobby Door System (see page
 305), includes mushroom button
 with key reset and siren.



MODELS

APB1000A Emergency Access Panel

SDC Door Check List



JOB NAME: _____

DOOR IDENTIFICATION: (EXTERIOR _____ (INTERIOR) _____)

DOOR LOCATION OR NUMBER _____

SINGLE DOOR HANDING: RH ___ LH ___ RHR ___ LHR ___

DOUBLE DOORS HANDING: RH ___ LH ___ RHR ___ LHR ___

TYPE OF DOOR: HOLLOW METAL ___ : ALUMINUM & GLASS ___ : HERCULITE (TOP & BOTTOM RAILS) ___
 HERCULITE (BOTTOM RAIL ONLY) ___ : HERCULITE (PIVOT & LOCK PATCH FITTINGS) _____

DOES DOOR HAVE AN "EXIT" SIGN ABOVE IT ___ YES ___ NO

DOOR SIZE: W _____ X H _____ + DOOR THICKNESS _____ + LOCK HEIGHT _____ + LOCK BACKSET _____

HINGE TYPE _____ + **HINGE SIZE** _____ + **HINGE FINISH** _____

EXISTING LOCK TYPE & BRAND _____ + **FINISH** _____

DOOR CLOSER: SURFACE MOUNT: INSIDE ___ OR OUTSIDE ___ : CLOSER MANUFACTURE _____

DOOR CLOSER: IN THE HEADER ___ : HOLD OPEN FEATURE YES ___ NO ___ : DEGREE OF OPENING _____

AUTOMATIC DOOR OPERATOR: MANUFACTURE & MODEL# _____

AUTOMATIC DOOR OPERATOR PUSH PLATE SWITCHES: HARD WIRED _____ OR WIRELESS _____

WHAT KIND OF CEILING _____ (PLASTER, DRYWALL, LIFT OUT, PANELS OR PUZZLE)

HOW HIGH IS THE CEILING _____

WHAT KIND OF HEADER _____ (NONE, WOOD, STEEL, ALUMINUM, GLASS)

WHAT TYPE OF TRAFFIC: LIGHT ___ MEDIUM ___ HEAVY ___

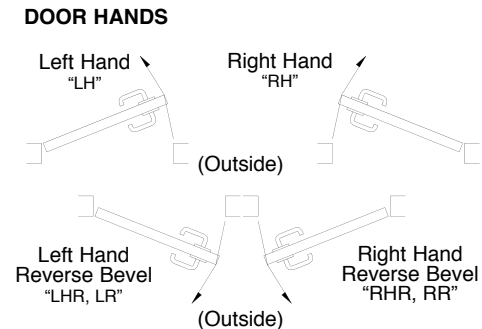
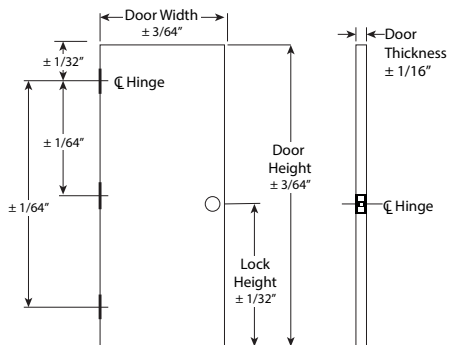
PICTURES TAKEN OF DOOR: YES ___ OR NO ___

MEASUREMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASUREMENT FROM DOOR TO POWER SUPPLY: _____

WIRE GAGE _____ : **WIRE TYPE** _____ : **AMOUNT OF WIRES** _____ : **EXTRA WIRES** _____

VOLTAGE AT DOOR: _____ : **VOLTAGE AT POWER SUPPLY** _____ : **CURRENT AT DOOR** _____



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EZ-T	11	SK-82 / SK-88	85		
FB-4	257	SK-L90	85		
FP Filler Plates/		TCC	271		
AB Angle Brackets	14	TJ1 / TJ2	12		
FS23M	127	TJ2440	264		
GKE03	96	TJ81 / TJ82	12		
GL160A / GL260A	139	TP1220 / TP2440	264		
HID1326-25	169	TR-12 / TR-24	263		
IP100	119	UB11 / UB12	13		
IPPRO	147	UF11 / UF12	13		
IPRW	151	UF81 / UF82	13		
LR100	113	UR-1 / UR2-4 / UR4-8	253		
MC-4	296	Z7250 / Z7252	75		

Icon Index



Made in the USA



UL Listed



Grade 1



CE Listed



Weather Resistant



Available through
shipQUICK Inventory



Lifetime Warranty



3 Year Warranty



5 Year Warranty



Field Selectable



ADA Compliant



Power over Ethernet
Capable Locking Hardware

NOTES

SDC

Security Door Controls

PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.

