5

2

6

7

EXIT

LOCAL ALARM

**EMERGENCY
DOOR RELEASE
BRAKE GLASS**

3

4

1

2

The lock behind the system

SDCSecurity.com   800.413.8783   service@sdcsecurity.com
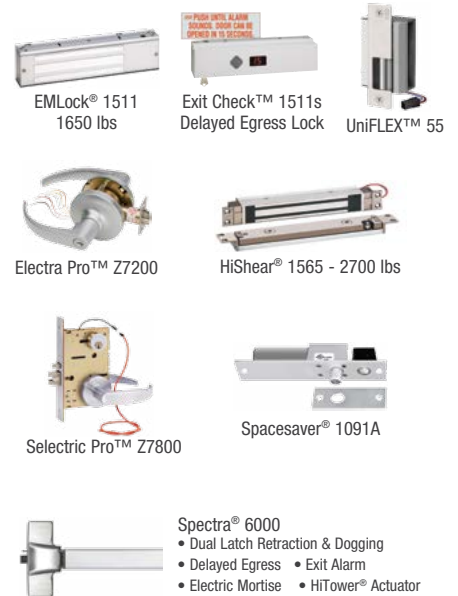
SDC

Security Door Controls

Complete Component Considerations

1 Locking Device

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

EMLock® 1511
1650 lbs

Exit Check™ 1511s
Delayed Egress Lock

UniFLEX™ 55

Electra Pro™ Z7200

HiShear® 1565 - 2700 lbs

Selectric Pro™ Z7800

Spacesaver® 1091A

Spectra® 6000
- Dual Latch Retraction & Dogging
- Delayed Egress   • Exit Alarm
- Electric Mortise   • HiTower® Actuator

AC Mains

2 Access Control

Standalone or Network
- Keyswitch
- Digital Keypad
- Card Reader

Entry Check™
920PW

IP Pro
IP-based Access Control

Entry Check™
918

EntryCheck™
924P

704U
Keyswitch

3 Egress Device

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

422U

463U

474U

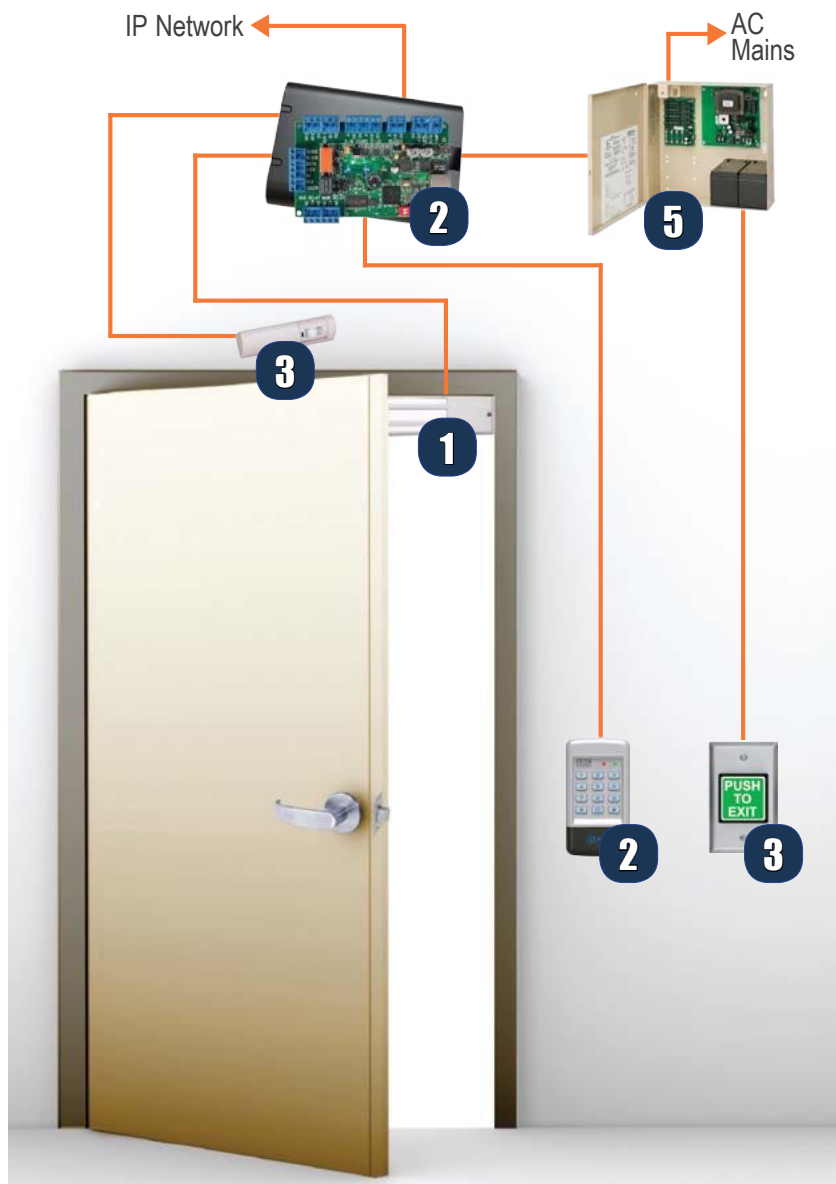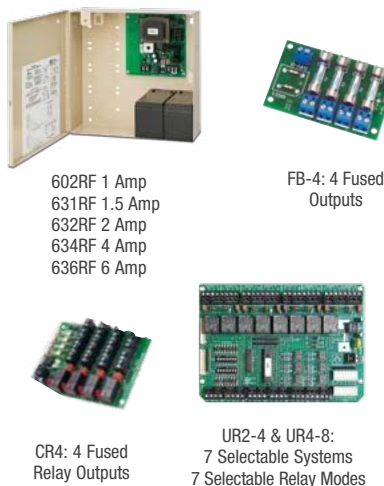Egress PIR MD31D

Sure Exit® PSB560

492 Emergency
Door Release

Auto EntryControl™

CBC484A4U
Dual Switch
Bollard Post

484A1U & 48401U
Narrow Mullion
Push Plate Switch

482A6U

IP Network

AC Mains

2

5

3

1

2

3

PUSH TO EXIT

4 Power Transfer Devices

Required With Locksets & Exit Devices
• Electric Power Hinge
• Power Transfer Loop
• Concealed Power Transfer

PTH-4
PTH-10

PT-2U

PTM-2
PTM-10
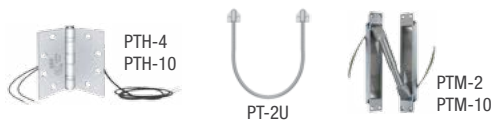
5 Power Supply & Door Controller

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

602RF 1 Amp
631RF 1.5 Amp
632RF 2 Amp
634RF 4 Amp
636RF 6 Amp

FB-4: 4 Fused
Outputs

CR4: 4 Fused
Relay Outputs

UR2-4 & UR4-8:
7 Selectable Systems
7 Selectable Relay Modes

6 Remote Controls

RCC

TCC

WRC-2B

WRC-R2

7 Annunciators

EA100

101-4AM

101-1A

8 Accessories & Misc

• Magnetic Door Holder
Release Device

EH20

EH40

PIR MD31D-W
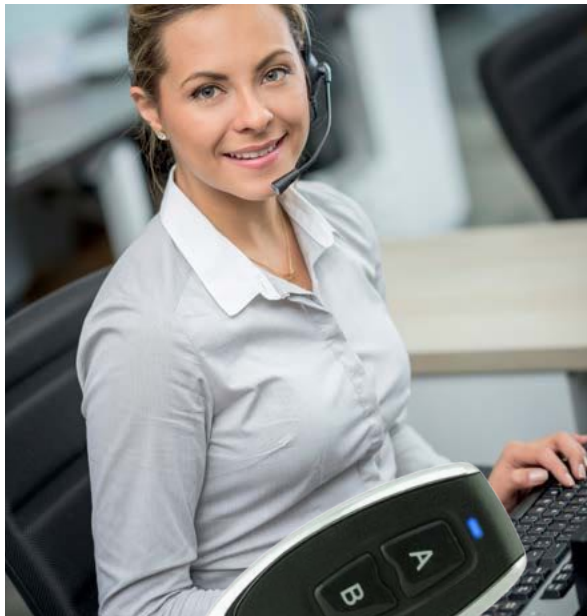
Door Controls
& Annunciator Consoles

Recommended for access systems without computer management capability, SDC Control and Annunciator Consoles provide a means of central supervision and control of single and multiple openings within a facility. Available in several configurations, the TCC and RCC Consoles provide remote lock control, door status and lock status. The modular design permits configuration flexibility to meet the demands of different control and monitoring requirements.
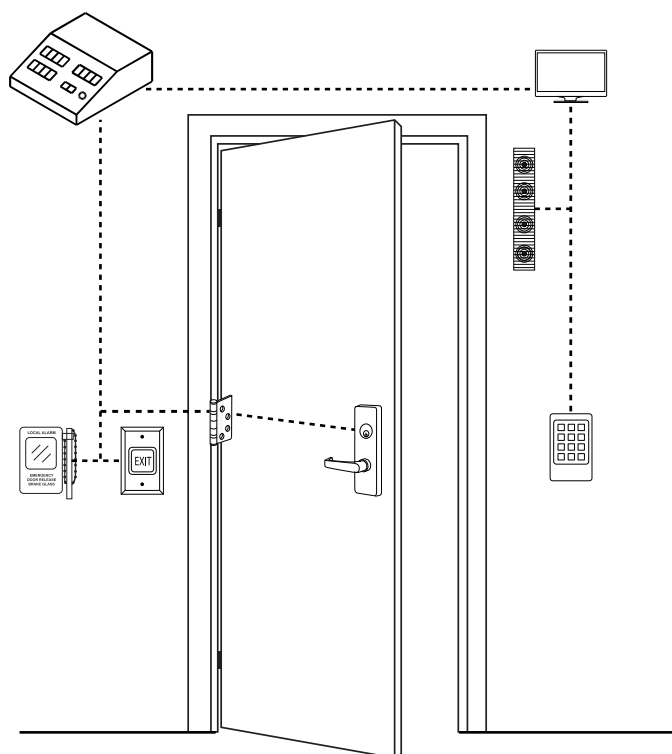
WRC Series

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

- Transmitts 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.

YEAR **3** WARRANTY

Remote Controls

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
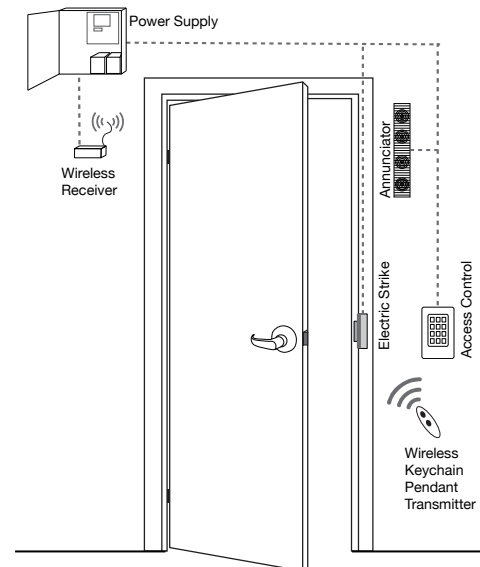
DOUBLE DOOR WIRELESS EMLOCK SOLUTION
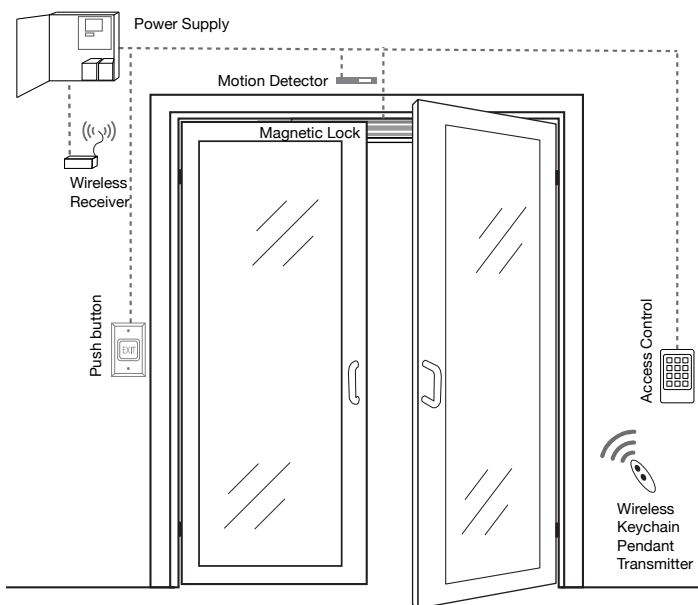
SINGLE DOOR WIRELESS ELECTRIC LOCKSET SOLUTION
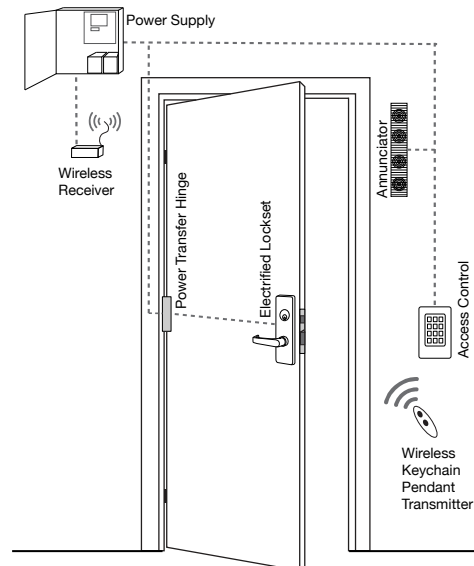
ACCESSORIES

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

DTMO Series
Desktop Mini Consoles

DTMO-2

DTMO-1

The **SDC Mini Desktop Consoles** provide an economical method of controlling one or two doors. They are available in four switch configurations with Tri-Color LED indicators. When used with a door status or lock status sensor the LED's allow monitoring of door and lock modes. The switches can provide an On / Off function or momentary access control for electromagnetic EMLocks, Shear Locks, Bolt Locks, Delayed Egress Systems, Electrical Exit System, or Electric Strikes.

FEATURES

- The momentary switch can be used to release a single opening. The maintained (On / Off) switch is used as a bypass for keeping the door unlocked for an extended period of time. The tri-color LED displays Green, Red and Amber colors to indicate up to three lock status conditions.

- Choice of heavy duty momentary or maintained operating switches accommodate lock control functions.

- Tri-color LED indicators provide for immediate status indication of door position or lock status when used with lock monitors such as Door Position (DPS) or Bond Sensors (BAS).

- Push button switches provide an aesthetically pleasing appearance and high operational reliability.

MODELS

DTMO-1	One Momentary Switch and One LED
DTMO-2	Two Momentary Switches and Two LED's
DTMOMA-2	One Momentary, One Maintained Switch and Two LED's
DTMA-2	Two maintained switches and Two LED's

YEAR 5 WARRANTY

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SWITCH CONTROLS

Common:	White
Normally Open:	Yellow
Normally Closed:	Orange

Tri-Color LED 12 to 24 VDC

Negative:	Black
Red Illumination Positive:	Red
Green Illumination Positive:	Green
Amber Illumination Positive:	Power red & green wires simultaneously

SPECIFICATIONS

Contact Rating	2 Amp @ 24VDC, SPDT
Input Power	12/24VDC @ 0.02 Amp Required for Each LED
Color	Beige
Dimensions	4.125" W x 3.125" H x 6.25" L
Weight	1.0 lbs

Remote Controls

TCC and RCC Series
Modular Consoles

RCC
RCC w/Black Cabinet

TCC

The **SDC TCC** and **RCC Series Control Consoles** provide a flexible, economical method of centrally supervising and controlling multiple openings within a facility. Available in several configurations, the TCC and RCC Consoles allow monitoring of door and lock status, as well as control of electromagnetic EMLocks, Bolt Locks, Electrified Mortise Locks, Shear Locks, Delayed Egress Systems, Electric Exit Devices and Electric Strikes. The modular design of the console allows for the selection of the specific functions required by simply selecting panels with the desired status and control features.

Desk top, rack mount, and cabinet mount consoles are available to meet specific user needs. From a small nurse's station to a centralized facility management guard post, the TCC/RCC Series can be configured to meet the operational requirements of the end user. Easy to understand visual indicators and control switches eliminate operator confusion, and simplify door supervision and control. Built-in Key lock may be used for Console On/Off or Console Lockout (UR4-8 req'd). The Key lock ensures that only authorized personnel can operate the console. The dual console interface feature allows two consoles control of a shared opening.

FEATURES

- Modular design minimizes initial investment while allowing for future growth.
- Choice of Momentary (MO), Maintained (MA) or Three Position (MO/None/MA, MO/None/MO) switches accommodates all lock and control functions.
- Tri-color LED (Red, Green and Amber) indicators provide for immediate status indication of door position, lock status, tampering or other monitored functions.
- Local audible alarm alerts operating personnel to console status changes ('E' panel required).
- Optional latching feature (UR4-8 req'd) ensures that all violations are identified. Violation indication remains until manually reset.
- Heavy duty rocker-style switches provide an aesthetically pleasing appearance and high operational reliability.
- When the console key lockout switch (UR4-8 required) is activated, all individual door openings maintain their locked or unlocked status.

- Optional Dual Console Interface - Two consoles can be used to control a shared opening. For example, a secondary day time only console station and a master console located at a central station can control a common door opening. (Additional custom equipment and programming required. POA consult SDC.)
- Various console mounting arrangements are available to accommodate end user applications.
- Combine SDC models TCC or RCC consoles with the series 600 Power Supplies and UR4-8 universal relay processor for a complete system with optional customized monitoring and control.

MODELS

TCC Slope Front Desk Top Console
(12 Stations Max.)

RCC Rack Mount Console
(24 Stations Max.)

YEAR 5 WARRANTY

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SPECIFICATIONS

Number of Stations and Control Panels	**TCC:** 12 stations maximum when using 2 control panels. Base unit, less panel. **RCC:** 24 stations maximum when using three control panels (Max. is 20 stations with "E" panel). Base unit, less panels
Switch Rating	2 Amp @ 24VDC

Input Power	12/24VDC 20mA max. per LED
Color	**TCC:** Black Sides, Beige Top **RCC:** Beige
Dimensions	**TCC:** 10-1/4"W x 4-3/4"H x 9-5/8"D **RCC:** 19"W x 5-1/4"H x 6"D Chassis less switches and light panels.

Use SDC series 600 Power Supply for console and lock power.

PRODUCT SKU SAMPLE: **TCC AL8 AL4E**

HOW TO ORDER

1| SPECIFY MODEL

TCC   Slope Front Desk Top Console (12 Stations max.)
RCC   Rack Mount Console (24 Stations max.)

2| SPECIFY SWITCH AND INDICATOR PANELS

AL4   Four Momentary Switches with LEDs
BL4   Four Maintained Switches with LEDs
CL4   Four Momentary/Off/Maintained Switches with LEDs
DL4   Four Momentary/Off/Momentary Switches with LEDs

AL8   Eight Momentary Switches with LEDs
BL8   Eight Maintained Switches with LEDs
CL8   Eight Momentary/Off/Maintained Switches with LEDs
DL8   Eight Momentary/Off/Momentary Switches with LEDs

AL4E   Four Momentary Switches with LEDs, Alarm, Reset Push Button and Key Lock
BL4E   Four Maintained Switches with LEDs, Alarm Reset Push Button and Key Lock
CL4E   Four Momentary/Off/Maintained Switches with LEDs, Alarm, Reset Push Button and Key Lock
DL4E   Four Momentary/Off/Momentary Switches with LEDs, Alarm, Reset Push Button and Key Lock

EA   Panel with Alarm, Reset Push Button and Key Lock
F   Blank Panel

EA   F

3| SPECIFY CABINETS

CAB7   Black Cabinet for One RCC (7" H x 20-1/2" W x 14-1/2" D)
CAB12 Black Cabinet for Two RCC (12-1/2" H x 20-1/2" W x 14-1/2" D)
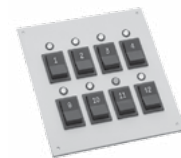
Please note: switches increment are only available in 4s

Desk Switch
Compact Box

15-2

15-2-3

YEAR
5
WARRANTY

Remote Controls

SDC Door Check List
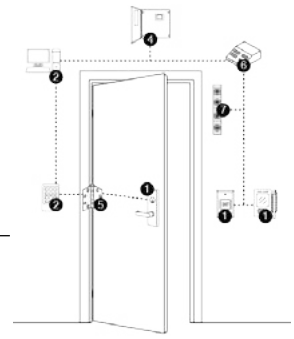
JOB NAME:_____

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 ____

MEASURMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASURMENT FROM DOOR TO POWER SUPPLY: _____

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

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

DOOR HANDS

INDEX

INDEX continued

Icon Index

- Made in the USA
- UL Listed
- Grade 1
- CE Listed
- Weather Resistant
- Availabe through shipQUICK Inventory
- Lifetime Warranty
- 3 Year Warranty
- 5 Year Warranty
- Field Selectable
- ADA Compliant
- Power over Ethernet Capable Locking Hardware

SERVICE

800-413-8783

NOTES

SDC
Security Door Controls

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

LOCAL ALARM

EMERGENCY DOOR RELEASE BRAKE GLASS

DOOR RELEASE EMERGENCY

PULL DOWN

ALARM WILL SOUND

EXIT