Complete Component Considerations

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

SDC SECURITY DOOR CONTROLS   µ   WWW.SDCSECURITY.COM
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
SDC introduces the expansion of their innovative product line-up to incorporate **ADA Compliant Solutions**.

Included are round and square Push Plates, as well as wall mount and full size Touch Panels. All types can be wireless or hardwired, bollard or wall mounted. Bollards can be surface or in-ground mounted to adapt to many different application solutions to meet accessibility guidelines.
**Auto EntryControl™**  
**Low Energy Swing Door Operator**

SDC’s Auto EntryControl™ Swinging Door Operator provides hands-free, low-power, point of entry door control with safe and reliable, electro-mechanical drive and slim-line design. The state-of-the-art microprocessor-based unit is self-tuning and self-learning while offering non-handed operation, full mechanical stops and a variety of interface options for sensors, push-plates, fire alarms and electrified locks.

**FEATURES**

Auto EntryControl’s™ non-pivot drive and combination of belt, gear and pulley requires less torque, requires less power, absorbs more abuse, and is quieter than other automatic door openers while complying with all US and Canadian ADA requirements. On-board diagnostics simplifies troubleshooting for ease of installation and all AutoEntry Control’s™ can be easily configured for surface mounted push/pull or overhead concealed applications.

- ADA Compliant
- Complies with ANSI A 156.19
- UL - Certified for use as fire door operators (3 hour rating)
- Self-Tuning, Self-Learning
- Minimum 5 seconds from close to open
- Stays open for 5 seconds
- Force: 15 lbs -6.8 kg
- Push or Pull (In door, Out swing)
- Activation: Knowing Act
- Optional Safety Device
- Power: 1A, 100W 24 VDC
- Non-Handed
- Extremely Quiet Operation

**MODELS**

<table>
<thead>
<tr>
<th>AUTO136V</th>
<th>PUSH Operator for 36” Door Opening, Alumimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO236V</td>
<td>PULL Operator for 36” Door Opening, Alumimum</td>
</tr>
<tr>
<td>AUTO336V</td>
<td>Operator for 36” Door Opening, (1) PULL arm, (1) PUSH arm, Alumimum</td>
</tr>
</tbody>
</table>

Also available for 42” and 48” Door Openings as Single Operator - and 72”, 84” and 96” Door Openings as Double Operator

**CERTIFICATIONS**

- ANSI/BHMA A156.19 certified Standard For Power Assist And Low Energy Power Operated Doors
- UL 325 Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems or use on fire and smoke check doors
- Meets ADA – Americans With Disabilities Act
- In compliance with FCC 47 CFR Part 15 Class B emissions requirements (USA)

---

![SDC Security Door Controls](www.sdcsecurity.com)  
ADA Compliant
---
FEATURES

Access Controls: The Auto EntryControl™ Low Energy Operator may be used with electric latch retraction exit devices, electric strikes, and other electric locking systems. A time delay function is built into the control system eliminating the need for supplemental relays or controls. See Typical Systems Applications on pages 206 and 207.

Activation: The Auto EntryControl™ Low Energy Operator can be activated with the press of a switch. Virtually any form of “knowing act” can be used to initiate the operator making integration with existing systems easier. For the full line of activation devices that SDC offers see page 211 on.

Push and Go Option: With the flip of a switch, the Auto EntryControl™ Low Energy Operator can be configured to activate and open based on a slight movement of the door. Utilizing this option eliminates the need for supplemental activation devices but does not preclude their use.

Hold-Open Timer: Upon receipt of an activation signal, the operator will power open the door from the closed position. The door may be held in the open position up to 30 seconds (compliance with ANSI/BHMA A156.19 requires the door to remain in the open position for a 5 second minimum). Additionally, a “hold-open” switch is provided to hold the door open for extended periods.

External Function Switches: The Auto EntryControl™ Low Energy Operator is equipped with external function switches providing basic controls.

- Illuminated Power Switch: Illuminated to be visible at night, the switch controls power to the operator motor. The Auto EntryControl™ Low Energy Operator functions as a manual closer with power off.

- Mode Control Switch: A three function switch is provided for control of the powered function of the operator. “Day” mode will engage the operator for normal powered operation with activation by push plate, “Push and Go”, or signal from other “knowing act” device. “Night” mode disables the operator for normal powered operation; however, the operator can be configured to receive activation signals from a secure activation device such as a card reader for secure activation, generally from one side. Switching to “Hold-Open” mode will power the operator opening the door, holding it open indefinitely.

Obstruction Detection: During the opening cycle an obstruction function effectively reduces the possibility of personal injury in accordance with A156.19. Additionally this feature prevents damage to door and/or surrounding structures. After a stall time-out, the door will close.

Power-Close Option: This switched feature can be used to control exterior openings that require additional closing force to resist interior stack pressures and wind conditions that do not allow the door to close properly. Use this feature to reduce heating and cooling loss and save energy and money.

Single Button, Self Tuning: The automatic setup button allows for easy setup.

Easy Installation: The motor assembly is removable and makes the back plate installation easy. It is achieved through the custom designed mounting plate, which allows the motor-logic assembly to be detached from the mounting plate. Once the mounting plate is secured to header of door, the motor-logic assembly is easily re-installed and secured into the mounting plate without any excess lifting, and therefore not requiring any additional help.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Supply</strong></td>
<td>115VAC @ 60Hz (+6%, -10%)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>100W</td>
</tr>
<tr>
<td><strong>Current consumption</strong></td>
<td>1A</td>
</tr>
<tr>
<td><strong>Motor</strong></td>
<td>24 VDC Permanent Magnet with Belt Driven Encoder</td>
</tr>
<tr>
<td><strong>Header Dimension</strong></td>
<td>4 1/2”H x 4 7/8”D</td>
</tr>
<tr>
<td><strong>Fused Protection</strong></td>
<td>3.5A Fuse (F1 located on I/O Board)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>22 lbs per Operator Assembly</td>
</tr>
<tr>
<td><strong>Ambient Operating Temperature</strong></td>
<td>-4 to 131°F</td>
</tr>
<tr>
<td><strong>Ingress Protection</strong></td>
<td>IP23 - protection from spray water up to 60° from the vertical - i.e. Rainstorm</td>
</tr>
<tr>
<td><strong>Maximum Door Weight</strong></td>
<td>36” Door: 438 lbs</td>
</tr>
<tr>
<td></td>
<td>42” Door: 328 lbs</td>
</tr>
<tr>
<td></td>
<td>48” Door: 254 lbs</td>
</tr>
</tbody>
</table>

### 24 VDC Accessory / Lock Power Supply
- 24 VDC / 500 mA Total

### Adjustable Timers
- Hold Open Time, Opening & Closing Speed

### Standard Selector Switch Function
- Automatic
- Hold Open
- Manual (Off)

### Standard Control Outputs
- Malfunction Alarm Signal
- Electric Lock Power Supply
- 24 VDC Accessory Power Supply
- Door Status

### Standard Control Inputs
- Interior Activation
- Exterior Activation
- Emergency Shutdown
- Alarm Output
- Safety Device Input

### Maximum Degree of Opening
- 130°

### Weight
- 32.2 lbs

### DOUBLE DOOR CONFIGURATION

- Standard (Out-Swing) Push Arm Singles
  - Operator Non-handed
  - LH
  - RH
- Standard (In-swing) Pull Slide Arm Singles
  - Operator Non-handed
  - RH
  - LH
- Standard (Out-Swing) Push Arm Pair
  - Operator Non-handed
  - RH
  - LH
- Standard (In-Swing) Pull Slide Arm Pair
  - Operator Non-handed
  - RH
  - LH
- Standard Double Egress Pair - RH
  - Operator Non-handed
  - RH
  - LH
- Standard Double Egress Pair - LH
  - Operator Non-handed
  - LH
  - RH

### WARRANTY
- Three years from the date of invoice

### PACKAGE INCLUDES:
- Auto Entry Operator™ Low Energy Operator (Non-handed)
- Standard Arm (PUSH side) or Track Arm (PULL side) or both
- Spindle (PUSH 20 mm, PULL 35mm)
- Technical manual
- Signs
HOW TO ORDER SINGLE MODEL

1 | SPECIFY MODEL

- **AUTO1**: PUSH Operator - includes 35 mm spindle, one motor assembly, PUSH arm
- **AUTO2**: PULL Operator - includes 20 mm spindle, one motor assembly, PULL arm
- **AUTO3**: PUSH & PULL Arms with 20 mm + 35 mm Spindles, one motor assembly

2 | SPECIFY DOOR OPENING WIDTH

- **36**: for 36” Door Opening
- **42**: for 42” Door Opening
- **48**: for 48” Door Opening

3 | SPECIFY FINISH

- **V**: 628 Aluminum (standard)
- **X**: 710 Dark Anodized Aluminum

4 | OPTIONAL ARM EXTENSION

- **AUTO-AEV**: Arm Extension for PUSH arm for reveal >8”, 628 Aluminum
- **AUTO-AEX**: Arm Extension for PUSH arm for reveal >8”, Bronze

5 | OPTIONAL SPINDLES

<table>
<thead>
<tr>
<th>Spindle Code</th>
<th>Spindle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP20</td>
<td>20 mm</td>
</tr>
<tr>
<td>SP35</td>
<td>35 mm</td>
</tr>
<tr>
<td>SP50</td>
<td>50 mm</td>
</tr>
<tr>
<td>SP80</td>
<td>80 mm</td>
</tr>
</tbody>
</table>

HOW TO ORDER DOUBLE MODEL (SPECIAL ORDER ONLY)

1 | SPECIFY MODEL

- **AUTO1**: PUSH-PUSH Operator - includes 35 mm spindles, 2 motor assemblies, 2 PUSH arms
- **AUTO2**: PULL-PULL Operator - includes 20 mm spindles, 2 motor assemblies, 2 PULL arms
- **AUTO3**: DUAL EGRESS Operator with 20 mm + 80 mm Spindles, 2 motor assemblies, 1 DUAL EGRESS, 1 PULL arm

2 | SPECIFY DOOR OPENING WIDTH

- **72**: for 72” Door Opening
- **84**: for 84” Door Opening
- **96**: for 96” Door Opening

3 | SPECIFY FINISH

- **V**: 628 Aluminum (standard)
- **X**: 710 Dark Anodized Aluminum

4 | OPTIONAL ARM EXTENSION

- **AUTO-AEV**: Arm Extension for PUSH arm for reveal >8”, 628 Aluminum
- **AUTO-AEX**: Arm Extension for PUSH arm for reveal >8”, Bronze

5 | OPTIONAL SPINDLES

<table>
<thead>
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<tbody>
<tr>
<td>SP20</td>
<td>20 mm</td>
</tr>
<tr>
<td>SP35</td>
<td>35 mm</td>
</tr>
<tr>
<td>SP50</td>
<td>50 mm</td>
</tr>
<tr>
<td>SP80</td>
<td>80 mm</td>
</tr>
</tbody>
</table>
STANDARD APPLICATION

Auto 1
Standard Arm - PUSH Side

Auto 2
Track Arm - PULL Side
TYPICAL SYSTEM APPLICATION (SINGLE OPERATOR)

Auto EntryControl™ Low Energy Operator with PUSH–PULL

Operation: 115VAC
- Free ingress & egress using low energy operator or bypassing the operator and using door manually
- Door operator acts as standard door closer when entering or exiting manually

Material:
- Auto EntryControl™ Low Energy Operator
- 2 Door Actuators or Push and Go
- Local Power

Auto EntryControl™ Low Energy Operator with Concealed Mag Lock for Glass Door Applications

Operation: 115VAC
- Free entry when security system is shunted or off
- Entry after hours by card reader, which unlocks & activates low energy operator
- Free egress at all times by touching push bar or using inside actuator, which de-energizes mag lock and activates low energy operator

Material:
- Auto EntryControl™ Low Energy Operator
- Electromagnetic Shear Lock and Power Supply (PS)
- Electrified Pivot
- Touch Bar Sensor PUSH–PULL set
- Card Reader
- SDC Actuators
TYPICAL SYSTEM APPLICATION (DOUBLE OPERATOR)

Auto EntryControl™ Low Energy Operator with Electric Strikes

Operation: 115VAC
- Doors are to be closed and latched
  (Example: Fire Doors)
- Key switch shunts exterior actuator
  (Example: After hours traffic control)
- When not shunted, actuators will signal electric strike power supply and activate auto operators
- From secure side, egress by manually pushing exit devices or using inside actuator to activate auto operators

Material:
- 2 Auto EntryControl™ Low Energy Operator
- 2 Vertical Rod Exit Devices
- Electric Strike & Power Supply (PS)
- Key Switch
- 2 Actuators

Auto EntryControl™ Low Energy Operator with Latch Retraction

Operation: 115VAC
- Doors are to be closed and latched at all times
- When activated, latch bolts are retracted and door(s) will automatically open
- Non-rated devices can be dogged for push/pull operation

Material:
- 2 Auto EntryControl™ Low Energy Operator
- 1 Power Supply
- 2 Electric Hinges
- 2 Exit Devices with Electric Latch Retraction
- 2 Actuators
**Auto EntryControl ACCESSORIES**

**Auto-IR**
Presence Sensor and Door Re-Activator

**FEATURES**
Auto EntryControl’s™ Auto-Detect Accessory allows re-activation of door before contact is made during the closing cycle, protecting slow-moving people as well as people trailing behind. It reliably detects stationary as well as moving objects in the swing path of an automatic door. When using the Auto-Detect, mounted on the application side of the door, the need for an extended hold open time is eliminated, allowing the door to begin the close cycle after the minimum 5 second hold open time has elapsed.

- Exceeds ANSI 156.19 standards by offering a contactless experience
- Proven active infrared technology (distance measurement sensor using the principle of triangulation)
- Guarantees smooth and safe operation of a door intended to be used by the elderly and disabled people. Sensor is only active following a knowing activation such as pressing a wall switch
- Following a door activation, the Auto-Detect remains enabled to allow continued automatic non-contact re-activation capability should someone remain in the door opening while the door is open or while it is closing

**MODELS**

| AUTO-IR36 | Presence Sensor and Door Activator 36” |
| AUTO-IR48 | Presence Sensor and Door Activator 48” |

**Auto-AE**
PUSH Arm Extention for Reveals Greater Than 8 Inches

**MODELS**

| AUTO-AEX | Arm Extension for PUSH arm - Aluminum |
| AUTO-AEV | Arm Extension for PUSH arm - Bronze |

**SP**
Spindle for Auto EntryControl™ arm

**MODELS**

| SP20  | 20 mm Spindle |
| SP35  | 35 mm Spindle |
| SP50  | 50 mm Spindle |
| SP80  | 80 mm Spindle |
ADA Compliant Solutions
Push Plates and Bollards

For Handicap Access, Automatic Door Activation & Request-to-Exit Applications.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Mounting Plate</th>
<th>Heavy Duty 1/8” Mounting Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faceplate</td>
<td>Heavy 18 Gauge, 630/US32D Satin Stainless Steel Standard</td>
</tr>
<tr>
<td>Legends</td>
<td>Bold Debossing or Engraving with Black or Blue Infill</td>
</tr>
<tr>
<td>Contacts</td>
<td>SPDT or DPDT, 15 Amps @ 125/250VAC; UL 1054, CSA Listed</td>
</tr>
<tr>
<td>Depth</td>
<td>Narrow &amp; Single 1 Gang - SPDT-7/8” deep</td>
</tr>
<tr>
<td></td>
<td>DPDT-1-3/8” deep</td>
</tr>
<tr>
<td></td>
<td>4-1/2”, &amp; 6” Square/ Round SPDT-3/4” deep</td>
</tr>
<tr>
<td></td>
<td>DPDT-1-5/32 deep</td>
</tr>
</tbody>
</table>

FEATURES

- Door Opener Activation
- Access Control Request-to-Exit (RTE)
- Automatic Door Activation
- Door Sequencer Activation

= Can be used with wireless transmitter and receiver
Dual Switch Bollard Post
High-Low CBC compliant Bollard with Switch Plates Combo

Alternative to wall mounted access control or switches for entry doors. Bollard post provide visibility and meet accessibility guidelines. Practical solution for surface mount and California Building Code compliance.

FEATURES
- CBC Section 11B 404.3 code compliant bollard and switch plates
- Black HDPE mortised removable cap with secure transmitter mount (wireless transmitter optional and sold separate)
- Two 4-1/2” ‘Push to Open’ blue infill push plates, located at 7” and 36” centerline from floor
- 6” square post with 1/8” walls
- Surface mount (42”)

MODELS
- CBC482A4U 42” surface mount, 6” square post, with high and low 4-1/2” SPDT switch plates
- CBC484A4U 42” surface mount, 6” square post, with high and low 4-1/2” DPDT switch plates
Bollard Post
for Push Plate or Touch Panel

Alternative to wall mounted access control or switches for entry doors. Bollard post provide visibility and meet accessibility guidelines. Practical solution for surface mount or in-ground installation. Push Plate Switch and Touchpanel ordered separately.

FEATURES
- For use with Push Plates, Touch Panel Columns & Exit Switches (sold separately)
- 6” Square with 1/8” Walls
- Black HDPE Mortised Removable Cap with Secure Transmitter Mount (wireless transmitter optional and sold separate)
- Standard Single Gang Prep Located at 36” from Finished Floor
- Surface Mount (42”) or In-Ground Mount (54”)
- Weight 11.0 lbs

MODELS
- BPS6 42” Surface Mount, 6” Square Post
- BPG6 54” In-Ground, 6” Square Post

WARRANTY
YEAR
5
**How to Order**

1. **Specify Model**
   - **BPS6**: 42" Surface Mount, 6" Square Post
   - **BPG6**: 54" In-Ground, 6" Square Post

2. **Specify Prep**
   - **S**: 1-gang prep
   - **D**: 2-gang prep
   - **P**: Touch Panel prep
   - **A**: Narrow Mullion prep

3. **Specify Finish**
   - **V**: 628 Aluminum (standard)
   - **X**: 710 Dark Anodized Aluminum

4. **Specify Push Plate or Column (sold separately)**
   - **482O4U**: Push Plate Switch 4-1/2 square, Push to Open, Black Infill, SPDT
   - **482A4U**: Push Plate Switch 4-1/2 square, Push to Open, Blue Infill, SPDT
   - **484O4U**: Push Plate Switch 4-1/2 square, Push to Open, Black Infill, DPDT
   - **484A4U**: Push Plate Switch 4-1/2 square, Push to Open, Blue Infill, DPDT
   - **482AA36**: Touchpanel 36", Push to Open, Blue Infill, SPDT
   - **484AA36**: Touchpanel 36", Push to Open, Blue Infill, DPDT

5. **Specify Wireless Transmitter** (optional, sold separately)
   - **400W1-433**: 433MHz Micro Transmitter
   - **400RC433**: 433MHz One Channel Receiver
480 Series Push Plates Switches
Wireless and Hardwired

1-11/16” NARROW MULLION PUSH PLATE SWITCH RECESSED, SURFACE BOX OR BOLLARD MOUNT

FEATURES
• Designed to Flush-Mount Directly into Narrow Jamb
• Requires Narrow Mullion Prep
• Depth: SPDT - 7/8”; DPDT - 1-3/8”
• Weight 0.6 lbs

MODELS
482O1U Push to Open, Black Infill, SPDT
482A1U Push to Open, Blue Infill, SPDT
484O1U Push to Open, Black Infill, DPDT
484A1U Push to Open, Blue Infill, DPDT

ACCESSORIES
400-1B Narrow Mullion Surface Box, ABS
1-3/4” x 4-9/16” x 1-3/4” H

2¾” X 4½” SINGLE (1) GANG PUSH PLATE SWITCH

FEATURES
• Pressing Any Part of the Push Plate (2 ¾” x 4 ½”) Causes Switch Actuation
• Recessed Surface Box or Bollard Mount
• Depth: SPDT - 7/8” Deep; DPDT - 1-3/8” Deep
• Weight 0.6 lbs

MODELS
482O2U Push to Open, Black Infill, SPDT
482A2U Push to Open, Blue Infill, SPDT
484O2U Push to Open, Black Infill, DPDT
484A2U Push to Open, Blue Infill, DPDT

ACCESSORIES
480-2SB Surface mount box, ABS
2 3/4” x 4 1/2” x 1 5/8” H
FEATURES
- Pressing Any Part of the Push Plates
- 4 ½” x 4 ½” Active Area Causes Switch Actuation
- 1 Gang or 2 Gang Recessed or Surface Box Mount
- Depth: SPDT 3/4” Deep; DPDT 1-5/32” Deep
- Weight 0.7 lbs

MODELS
- **482O4U** Push to Open, Black Infill, SPDT
- **482A4U** Push to Open, Blue Infill, SPDT
- **484O4U** Push to Open, Black Infill, DPDT
- **484A4U** Push to Open, Blue Infill, DPDT

ACCESSORIES
- **480-4FB** Square Flush Recessed Box, 1-gang, 6 3/4” x 6 3/4” x 2-1/8” H
- **480-4SBB** Surface Mount Box, 4-5/8” x 4-5/8” x 1-3/4” H with Battery Compartment for Wireless
- **480-4SB** Surface Mount Box, 5-1/2” x 5-1/2” x 2-1/8” H
- **480-4SE** 3-Sided Stainless Shroud for Exterior Applications, 4-11/16” x 4-7/8” x 1/2”

WARRANTY
YEAR
5

ACCESSORIES
- **480-6SBB** Surface mount box, 2-gang Battery Compartment, 4-5/8” x 4-5/8” x 1-3/4” H
### ACCESSORIES

**480-4RSB** Surface Box, 5" Dia., 2 1/8" H  
**480-4RG** 4" Round Gasket  
**480-4RFB** Recessed Mount Box, 5 7/8" Overall Diameter with Trim Ring  
**480-4RRB** Surface Escutcheon, 7 7/8" Dia., 1-9/16" Overall Height

### FEATURES

- Pressing Any Part of the Push Plates  
  4 ½" Active Area Causes Switch Actuation  
- 1 Gang or 2 Gang Recessed or Surface Box Mount  
- Depth: SPDT 7/8" Deep; DPDT 1-3/8" Deep  
- Weight 0.6 lbs

### MODELS

**48204RU** Push to Open, Black Infill, SPDT  
**482A4RU** Push to Open, Blue Infill, SPDT  
**48404RU** Push to Open, Black Infill, DPDT  
**484A4RU** Push to Open, Blue Infill, DPDT

### ACCESSORIES

**480-6RSB** Surface Box Round,  
6 7/16" Dia., 2 1/8" H  
**480-6RG** 6" Round Gasket  
**480-6RFB** Recessed Flush Escutcheon,  
7 3/4" Overall Diameter with Trim Ring

### FEATURES

- Pressing Any Part of the Push Plates  
  6" Active Area Causes Switch Actuation  
- 1 Gang or 2 Gang Recessed or Surface Box Mount  
- Depth: SPDT 7/8" Deep; DPDT 1-3/8" Deep  
- Weight 1.0 lbs

### MODELS

**48206RU** Push to Open, Black Infill, SPDT  
**482A6RU** Push to Open, Blue Infill, SPDT  
**48406RU** Push to Open, Black Infill, DPDT  
**484A6RU** Push to Open, Blue Infill, DPDT
9” x 6” INGRESS
R.E.X TOUCH PANEL COLUMN

FEATURES

- Surface Wall Mount or Bollard Mount
- Sleek Architectural Profile
- No Square Edges to Snag, Wide Sloping Sides Deflects Impact Movement Naturally to Activate Column
- Deflects Impact from Wheeled Carts and Conveyances

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Actuation Area</th>
<th>Fully Active 22.5 Sq. Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centerline Mounting Height</td>
<td>Recommended 34” to 48”</td>
</tr>
<tr>
<td>Material</td>
<td>Sturdy 1/8” Extrusion with Architectural Finish</td>
</tr>
<tr>
<td>Overall Size</td>
<td>9” H x 6” W x 1-1/2” D</td>
</tr>
<tr>
<td>Active Area</td>
<td>9” H x 2-1/2” W</td>
</tr>
</tbody>
</table>

MODELS

482AA9  Push to Open, Blue Infill, SPDT
484AA9  Push to Open, Blue Infill, DPDT

2| SPECIFY FINISH

V 628 Aluminum (standard)
X 710 Dark Anodized Aluminum

PRODUCT SKU SAMPLE: 482AA9 V

36” x 6” INGRESS
R.E.X TOUCH PANEL COLUMN

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Actuation Area</th>
<th>Fully Active 90 Sq. Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centerline Mounting Height</td>
<td>Recommended 3” from Floor</td>
</tr>
<tr>
<td>Material</td>
<td>Sturdy 1/8” Extrusion with Architectural Finish</td>
</tr>
<tr>
<td>Overall Size</td>
<td>36” H x 6” W x 1-1/2” D</td>
</tr>
<tr>
<td>Active Area</td>
<td>36” H x 2-1/2” W</td>
</tr>
</tbody>
</table>

MODELS

482AA36  Push to Open, Blue Infill, SPDT
484AA36  Push to Open, Blue Infill, DPDT

2| SPECIFY FINISH

V 628 Aluminum (standard)
X 710 Dark Anodized Aluminum

PRODUCT SKU SAMPLE: 482AA36 V

= can be used with wireless transmitter and receiver

ADA Compliant
400 Series
Wireless Transmitter & Receiver

For Remote Control Versatility for Touch Panel Column and Push Plate Switches. 75 foot wireless range. less barriers.

Designed to control automatic door or electrified locking hardware with code-hopping technology for increased security.

FEATURES
- Requires a Non-Metallic Surface Box or Standard Bollard Cap (non-metallic)
- Pre-Wired for Quick Installation
- Antenna Magnifies Signal
- Works with 400RC433

MODELS

400 Series
433MHz Micro Transmitter

SPECIFICATIONS

Voltage Input 9V Battery (included)
Trigger Input Momentary, N.O. Dry Contact
Temperature -20°F — 100°F
Dimensions 1-9/64" x 15/16" x 7/32"

FEATURES
- Designed to Control Automatic Closing and Anti-Burgular Systems
- Works with 400W1-433

MODELS

400 Series
433MHz One Channel Receiver

SPECIFICATIONS

Carrier Frequency 433.92 MHz
Power Supply 12/24 VAC/DC (Jumper select)
Relay Numbers 1
Contacts C-NO
Temperature -4°F — 158°F
Dimensions 1-1/4" x2" x 3/4" Deep
The SDC 491 Emergency Door Release Break Glass Station provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 491’s built in alarm may be used as a local door annunciator.

The SDC 491 is specifically designed for emergency door release and may influence the approval of an electric locking system. This type of Emergency Door Release may be preferred over a pull station since greater commitment is required to break the glass.

FEATURES

- Aluminum rod Blue housing with easy to read activation instructions avoids confusion with red fire alarm stations.
- The SDC 491 may initiate the release of an individual door or all doors on the same circuit.
- The SDC 491 may be mounted in a 2” deep single gang back box or double gang box with plaster ring cover. The SDC 491 may be surface mounted with a 491-BB surface mount back box.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Contacts</th>
<th>2-SPDT 10 Amp Contacts; 1-SPDT for lock release and 1-SPDT auxiliary contact for remote monitoring, CCTV activation or alarm activation</th>
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<tbody>
<tr>
<td>Aluminum Rod</td>
<td>For striking the glass is included. (Not required to break the glass)</td>
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<tr>
<td>Replacement Glass Plates</td>
<td>2 Replacement glass plates included</td>
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<td>Dimensions</td>
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<tr>
<td>Weight</td>
<td>1.4 lbs</td>
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ACCESSORIES

- **491-GL4** Four Replacement Glass Plates
- **491-BB** Blue Surface Mount Back Box
  Dimensions: 5.25” H x 3.25” W x 1.5” D

MODEL

- **491** Break Glass Emergency Door Release with Siren 3V-28VDC, 18mA
  (2 replacement glass pieces included)
The SDC 492 Emergency Door Release Pull Station provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 492’s built in alarm may be used as a local door annunciator.

The SDC 492 is specifically designed for emergency door release and may influence the approval of an electric locking system.

**FEATURES**

- Blue housing with easy to read activation instructions avoids confusion with red fire alarm stations.
- The SDC 492 may initiate the release of an individual door or all doors on the same circuit.
- The SDC 492 may be mounted in a 2” deep single gang back box or double gang box with plaster ring cover. The SDC 492 may be surface mounted with a 492-BB surface mount back box.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>2-SPDT 10 Amp Contacts; 1-SPDT for lock release and 1-SPDT auxiliary contact for remote monitoring, CCTV activation or alarm activation</th>
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**ACCESSORIES**

- **492-GL4** Four Replacement Glass Rods
- **492-BB** Blue Surface Mount Back Box

Dimensions: 4.750” H x 3.125” W x 1.625” D

**MODELS**

- **492** Pull station emergency door release with siren 3V-28VDC, 18mA

CSFM Listed

UL Listed

WARRANTY

YEAR 5
CB Common Bath Control
Communicating Bathroom Switch

For a common single bathroom shared by two patient rooms or dormitory rooms. The CB400A controls provides privacy and ensures that both doors are locked only when the bathroom is occupied and unlocked when the bathroom is not occupied.

FEATURES
• Provides Emergency Access by Facility Staff
• Both Doors Unlock when Signaled by the Fire Life Safety System

MODEL
FOR COMMUNICATING BATHROOM SYSTEMS WITH EMLOCK® APPLICATION
CB401-AU Communicating Bath Switch
CB401-B Emergency Access Switch, Red 2 Required
CB701-B Emergency Key Switch, Red (Mortise cylinder not included)

FOR COMMUNICATING BATHROOM SYSTEMS WITH ELECTRIFIED LOCKSETS, HITOWER®, OR STRIKE APPLICATION
CB402-AU Communicating Bath Switch, 630 Stainless Steel Finish
CB402-B Emergency Access Switch, Red 2 Required

SPECIFICATIONS
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<tr>
<td>Bathroom Switch Finish</td>
<td>630 Stainless Steel</td>
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<td>Emergency Access Switch</td>
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WARRANTY
YEAR
5
**APPLICATION**

- **Z7850 x REX x DPS**
  - Electrified Mortise Lock
  - see page 81

- **CB402B**
  - Push Button

- **CB402A**
  - Push Button (inside)

- **PTH-10**
  - Power Transfer Hinge

- **631RFx UR1**
  - Power Controller
  - (10) COND

- **Z7850 x REX x DPS**
  - Electrified Mortise Lock

- **PTH-10**
  - Power Transfer Hinge

- **CB402B**
  - Push Button

- **Z7850 x REX x DPS**
  - Electrified Mortise Lock

- **631RF**
  - 1.5 Amp,
  - 12/24 VDC
  - Class 2
  - Output Power Supply
  - see page 241

- **UR1**
  - Universal Field Programmable Application Module
  - see page 253

Diagrams show connections and components used in door security systems, including power supplies, controllers, and electromechanical components for ADA compliance.
1511 EMLock®
see page 10

UR1 Universal Field Programmable Application Module
see page 253

631RF 1.5 Amp, 12/24 VDC
Class 2 Output Power Supply
see page 241
**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 ________

---

**DOOR HANDS**

- Left Hand "LH"
- Right Hand "RH"
- Left Hand Reverse Bevel "LHR, LR"
- Right Hand Reverse Bevel "RHR, RR"
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**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