101-DE Exit Check®
Delayed Egress Controller

VERBAL EXIT INSTRUCTIONS OR ALARM TONE ONLY
& DIGITAL COUNTDOWN DISPLAY

• STOP EMPLOYEE THEFT
• STOP RETAIL SHOPLIFTING
• RESTRICT AIRPORT PATRONS
• RESTRICT WANDERING PATIENTS

The integral verbal message, digital countdown display and sign provide comprehensive and clear instructions of the door operation for persons without prior knowledge of the exit delay, including the sight and hearing impaired. The digital keypad eliminates the need to carry and locate keys for reset and bypass functions.

FEATURES
EGRESS DELAY
• 15 or 30 second exit delay
• 1 or 2 second nuisance delay

BUILT-IN 3 FUNCTION KEYPAD
• Alarm and lock reset
• 1 to 30 second bypass
• Sustained bypass
• Additional keyswitch optional

CONTROL INPUTS
• 1 to 30 second request-to-exit and access bypass with anti-tailgate
• Alarm reset
• Infant and wandering patient protection system compatibility
• External DPS input for anti-tailgate and door prop operation

BUILT-IN ANNUNCIATION
• Armed mode
• Nuisance mode
• Irreversible egress mode
• Release mode
• Digital countdown display
• Field selectable voice notification or tone
• Field selectable male voice with security message or female voice with safety message

MONITORING OUTPUTS
• Armed status
• Egress initiation status
• Released status

OPTIONAL EMLOCK OUTPUTS
• Door position sensor - indicates door open and door closed, commonly used to verify egress after release
• Magnetic bond sensor - indicates locked with full holding force, low holding force, unlocked and tampering

CHOICE OF MOUNTING
• Recessed mounted
• Surface mounted with optional 3 gang box (DEC-J)

TRIGGER MODES
• Egress alarm triggered by door movement when used with SDC 1500DE series EmLocks.
• Trigger input from external device field selectable (n/o or n/c)

POWER-UP MODES
• Field selectable automatic or manual power up after emergency release or power loss. Use of manual power up complies with California Building Code (OSHPD) requirements

MODELS
DELAYED EGRESS CONTROLLER

101-DE Wall mount controller with keypad control and reset, 180 mA @ 12/24 VDC

101-KDE Wall mount controller with both keypad and keyswitch control and reset (less cylinder)

Magnetic Lock with Activation Sensor Specify 2 for pair of doors

INDOOR LOCKS

1511DEV Single, 1650 lbs holding force, 670/350 mA @12/24 VDC, 628 finish standard

1571DEV Single, 1200 lbs holding force Energy Saver, 250/125 mA @12/24 VDC, 628 std

1581DEV Single, 650 lbs holding force, 440/220 mA @12/24 VDC, 628 finish standard

INDOOR/OUTDOOR LOCKS WITH ACTIVATION SENSOR AND CONDUIT FITTING

1575DEU Single magnetic lock with magnetic bond sensor, 630 finish standard

1576DEU Single face drilled magnetic lock with magnetic bond sensor, 630 std

Meets NFPA 80 & 101 for Life Safety
CFSM 3774-0324-103 California State Fire Marshall Listed
SPECIFICATIONS

Electrical Specifications

Inputs
Voltage Input Auto sensing 12/24VDC +/-10%
Reset Input N.O., Dry
REX Input N.O., Dry
Trigger N.C. or N.O., Dry
IBO/DPS IBO: N.O., Dry
dPS: N.C.

Monitoring Outputs
Alarm Output 1 Amp @ 30VDC SPDT Dry
Lock Secure Output 1 Amp @ 30VDC SPDT Dry

Mechanical Specifications
Controller 6 1/2” x 4 1/2” x 1 1/2”
1581DE 8 3/4” x 2 1/8” x 1 1/4”
1571DE / 1511DE 11” x 2 3/4” x 1 9/16”
1575DE / 1576DE 8 45/64” x 2 1/2” x 1 39/64”

APPLICATION

DOOR WITHOUT LATCH ASSEMBLY ACTIVATION BY SURE EXIT® PUSH BAR

DOOR WITH LATCH ASSEMBLY ACTIVATION BY DOOR MOVEMENT

CODE COMPLIANCE

• IFC  International Fire Code
• IBC  International Building Code
• NFPA 101 Life Safety Code
• NFPA 1 Uniform Fire Code
• California Building Code

DISPLAY MODES

15 Door armed and locked.
00 Alarm countdown period has ended, door is unlocked and alarm sounding until reset.
Door has been opened after REX, Bypass or Alarm.
Door unlocked and alarm is shunted (REX or Bypass)
HOW TO ORDER

1 | SPECIFY MODEL (ONE PER OPENING)

101-DE  Wall mount controller with keypad control and reset
101-KDE  Wall mount controller with both key switch and keypad control and reset

order with optional Mortise Cylinder

CYL-6KDQ  6 pin, 1.125” Mortise Cylinder, Keyed Different
CYL-6KAQ  6 pin, 1.125” Mortise Cylinder, Keyed Alike

2 | SPECIFY OPERATION MODE

NA  NFPA 101, IBC and IFC Compliant
Field selectable:
15 or 30 second exit delay, 0 to 1 second nuisance delay
Field selectable automatic or manual power-up after emergency release

ND  UBC, NFPA 101, IBC & IFC Compliant
15 second fixed exit delay, 0 to 1 second nuisance delay.
Field selectable manual power up after emergency release for California

NH  IBC, IFC, NFPA 101 Compliant
30 second fixed exit delay, 0 to 1 second nuisance delay

NC  CBC Compliant
15 second fixed exit delay, 0 to 1 second nuisance delay,
power up unlocked fixed, OSHPD compliance

BD  BOCA National Building Code Compliant
15 second fixed exit delay, 0 to 1 second nuisance delay,
auto reset 30 seconds after door closure

BH  BOCA National Building Code Compliant
30 second fixed exit delay, 0 to 1 second nuisance delay,
auto reset 30 second after door closure

2A | SPECIFY REX (OPTIONAL)

RRX  Reset on REX - No Charge when ordered WITH a Delayed Egress 101-DE/KDE. Allows the REX input to reset after an unauthorized egress alarm. Not available for NC operation.

3 | SPECIFY MAGNETIC LOCK WITH INTEGRATED ACTIVATION SENSOR (SPECIFY TWO FOR PAIR OF DOORS)

1511DEV  Single, 1650 lbs holding force, 670/350 mA @12/24VDC
1571DEV  Single, 1200 lbs holding force, Energy Saver, 250/125 mA @12/24VDC
1581DEV  Single, 650 lbs holding force, 440/220 mA @12/24VDC

Outdoor Locks

1575DEU  Single outdoor magnetic lock with magnetic bond sensor
1576DEU  Single face drilled outdoor magnetic lock with magnetic bond sensor

4 | SPECIFY MAGNETIC LOCK FINISH

Anodized Finishes
V  Aluminum (standard)
Y  Black anodized
Painted Finishes
X  Dark bronze powder coat

5 | SPECIFY MONITORING (OPTIONAL)

D  Door Position Sensor: Indicates door open and door closed. Specify two for double doors (not available with 1581, 1575 and 1576) SPDT Dry, 250 mA @ 30VDC.

B  Magnetic Bond Sensor: Indicates locked and unlocked, low holding power, tampering and obstruction between armature and magnetic core. Specify (2) for double doors (1581DE SPST only)

ACCESSORIES

1576DE-ZB  Inswing mounting bracket for 1576DEU
101-1AK  Outdoor reset with LED and audible annunciator, 2-gang outdoor box required

DEC-J  3-gang interior surface mount box for 101-DE
SHD-J  Shroud for surface mount box
DEC-J outdoor use

101-1AK  101-SPSN  101-DE, DEC-J, SHD-J
### MECHANICAL REX EXIT BAR

**PUSH TO EXIT**  Field Applied Sign with Green Letters

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuation</td>
<td>1/8” total bar movement for mechanical switch actuation</td>
</tr>
<tr>
<td>Contact</td>
<td>SPDT, 5 Amp @ 30VDC (2nd Switch Optional)</td>
</tr>
<tr>
<td>Accessories Included</td>
<td>PT-2U Armored Power Transfer Loop</td>
</tr>
</tbody>
</table>

**How to Order**

1. **Specify Model**
   - **MSB550V**  Mechanical REX Bar

2. **Finish**
   - 628 Aluminum Anodized (Standard)

3. **Specify Options**
   - 2 SPDT Contacts
     - Add "2" for 2nd mechanical switch for dual-fail-safe redundant operation, alarm shunt, or monitoring output. Ex: MSB550-2V

4. **Specify Length**
   - **36** Standard Bar Length is 36”
   - **42** Bar for 42” Door. May be field cut.
   - **48** Bar for 48” Door. May be field cut
   - Ex: MSB550V-42

### SURE EXIT® SENSE BAR

**PUSH TO EXIT**  Field Applied Sign with Green Letters

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuation</td>
<td>Pressure Sensing Technology, Tri-Failsafe</td>
</tr>
<tr>
<td>Voltage</td>
<td>12/24VDC Voltage Sense Input</td>
</tr>
<tr>
<td>Current</td>
<td>20 mA at Rest, 115 mA Active</td>
</tr>
<tr>
<td>Lock Output</td>
<td>SPDT, 3 Amp @ 30VDC</td>
</tr>
<tr>
<td>Alarm Shunt/Status Output</td>
<td>SPDT, 3 Amp @ 30VDC</td>
</tr>
<tr>
<td>Accessories Include</td>
<td>10 ft. cable and connector, PT-2U Armored Power Transfer Loop</td>
</tr>
</tbody>
</table>

**How to Order**

1. **Specify Model**
   - **PSB550V**  Sure Exit® Sense Bar

2. **Finish**
   - 628 Aluminum Anodized (Standard)

3. **Specify Length**
   - **36** Standard Bar Length is 36”
   - **42** Bar for 42” Door. May be field cut.
   - **48** Bar for 48” Door. May be field cut
   - Ex: PSB550V-42

### MODULAR CONTROL CONSOLE

**TCC**  Desk top console for remote control and annunciation of 4 - 12 doors

- 12 Stations maximum when using 2 control panels
- Base unit, less panel
- Color: Black sides and beige top

Dimensions: 10-1/4” W x 4-3/4” H x 9-5/8” D

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**REMOTE FOUR DOOR ANNUNCIATOR**

**101-4AM**  Remote four door annunciator with audible alarm mute button. Four tricolor LED’s, 2-Gang

- **Green-Secure**
- **Amber-Egress Initiated**
- **Red-Door Unlocked**