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 (3 gang plaster ring included)
- 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
**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 2-1-1/2" x 1-39/64"

**CODE COMPLIANCE**

- IFC  International Fire Code
- IBC  International Building 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)

**APPLICATION**

DOOR WITHOUT LATCH ASSEMBLY

ACTIVATION BY SURE EXIT® PUSH BAR

- **MSB550/PSB580**
  - **REX bar**
  - **PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS**
  - **power transfer hinge or loop**

- **EMLock**
  - **power supply**
  - **to fire command center**
  - **115 VAC**

DOOR WITH LATCH ASSEMBLY

ACTIVATION BY DOOR MOVEMENT

- **standard exit device**
  - **no switch, no power transfer**

- **EMLock**
  - **power supply**
  - **to fire command center**
  - **115 VAC**
### HOW TO ORDER

1 | SPECIFY MODEL (ONE PER OPENING)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-DE</td>
<td>Wall mount controller with keypad control and reset</td>
</tr>
<tr>
<td>101-KDE</td>
<td>Wall mount controller with both key switch and keypad control and reset</td>
</tr>
</tbody>
</table>

2 | SPECIFY OPERATION MODE

<table>
<thead>
<tr>
<th>Model</th>
<th>Requirements</th>
</tr>
</thead>
</table>
| NA | NFPA 101, IBC and IFC Compliant  
Field selectable:  
15 or 30 second exit delay, 1 or 2 second nuisance delay  
Field selectable automatic or manual power-up after emergency release |
| ND | UBC, California Building Code, OSHPD, NFPA 101, IBC & IFC Compliant  
15 second fixed exit delay, 2 second nuisance delay.  
Field selectable manual power up after emergency release for California and OSHPD compliance |
| NH | IBC, IFC, NFPA 101 Compliant  
30 second fixed exit delay, 2 second nuisance delay |
| NC | CBC Compliant  
15 second fixed exit delay, 2 second nuisance delay,  
power up unlocked fixed |
| BD | BOCA National Building Code Compliant  
15 second fixed exit delay, 1 second nuisance delay, auto reset 30 seconds after door closure |
| BH | BOCA National Building Code Compliant  
30 second fixed exit delay, 1 second nuisance delay, auto reset 30 second after door closure |

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1575DEU</td>
<td>Single outdoor magnetic lock with magnetic bond sensor</td>
</tr>
<tr>
<td>1576DEU</td>
<td>Single face drilled outdoor magnetic lock with magnetic bond sensor</td>
</tr>
</tbody>
</table>

4 | SPECIFY MAGNETIC LOCK FINISH

<table>
<thead>
<tr>
<th>Finish</th>
<th>Description</th>
</tr>
</thead>
</table>
| Anodized | Aluminum (standard)  
Black anodized |
| Painted | Dark bronze powder coat |

5 | SPECIFY MONITORING (OPTIONAL)

<table>
<thead>
<tr>
<th>Sensor</th>
<th>Description</th>
</tr>
</thead>
</table>
| 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

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1575DE-ZB</td>
<td>Inswing mounting bracket for 1576DEU</td>
</tr>
<tr>
<td>101-1AK</td>
<td>Outdoor resett with LED and audible annunciator, 2-gang outdoor box required</td>
</tr>
<tr>
<td>DEC-J</td>
<td>3-gang interior surface mount box for 101-DE</td>
</tr>
</tbody>
</table>
| SHD-J | Shroud for surface mount box  
DEC-J outdoor use |
| 101-1AK | |
| 101-SPSN | |
ACCESSORIES

**MECHANICAL REX EXIT BAR**

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

**MSB550V** Mechanical REX Exit bar for activation of locks on doors without latch assemblies

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Actuation</th>
<th>1/8” total bar movement for mechanical switch actuation</th>
</tr>
</thead>
<tbody>
<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

**PSB560V** Sure Exit® REX sensor bar for activation of locks on doors without latch assemblies

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Actuation</th>
<th>Pressure Sensing Technology, Tri-Failsafe</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

| Accessories Included | 10 ft. cable and connector, PT-2U Armored Power Transfer Loop |

**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**

**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