INSTALLATION INSTRUCTIONS
RIM EXIT DEVICE
SERIES 5100 & FL5100 - NON-HANDED

FLAT HEAD SCREW
#10-24 x 3/8" MS

ENDCAP

MOUNTING BRACKET

WASHER

PAN HEAD SCREW
#10-24 x 1/2" MS OR
#10 x 1" WOOD/METAL

HEX DOGGING KEY
(DOGGING IS NOT PERMITTED ON SERIES FL5100)

TOUCHBAR ASSEMBLY

COVER

FL5100 DEVICE ONLY
PAN HEAD SCREW
#10-24 x 3/4" MS OR
#10 x 1" WOOD/METAL

LHRB SHOWN

S300 (STANDARD)
S988 (OPTIONAL)
ALUMINUM FRAME

S301 (OPTIONAL)
S458 (OPTIONAL)

<table>
<thead>
<tr>
<th>STRIKES AND SCREWS</th>
<th>S300 OR S301</th>
<th>S458</th>
<th>S988</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4-20 x 3/4&quot; MS</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>#14 x 1&quot; SMS</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>#10-24 x 3/4&quot; MS</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>#10 x 1&quot; SMS</td>
<td>1</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>#10-24 x 1/2&quot; MS</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>LOCK WASHER</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>#6-32 x 1/4&quot; MS</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>RUB STRIP</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

FIRE EXIT DEVICES SERIES FL5100
Sex bolts or through bolts are required for composite (Wood, Plastic and Steel covered), wood core, sheet metal and hollow metal doors without reinforcement unless door manufacturer has an alternate mounting method. Fire doors with steel reinforcement, mount devices with machine screws.
1. DOOR PREPARATION

1. Circle the following.
   STRIKE NO., Dimension "X", and BACKSET in the chart below.
   TRIM NUMBER. (If specified) at various locations on the TRIM TEMPLATE.

2. Close door. Mark HORIZONTAL CENTERLINE on inside face of door and
   on lock side DOOR STOP 40-5/16" from finish floor as shown, or
   as required for the specific installation. (Continue horizontal centerline to
   outside face of door if trim is specified).

3. Mark VERTICAL CENTERLINE at lock side using dimension "X".
   (If trim is specified mark vertical centerline on the outside face of
   door using backset dimension)
   CAUTION: Vertical centerlines on both sides of the door
   should be the same dimension from the edge of the door.

4. Tape Lock Stile Case Template (and Trim Template if Trim specified)
   to the door so that the centerlines on the Template line up with
   centerlines on the door. Mark centers and drill the required holes as
   indicated on the templates.

5. Fold Strike Template and place on door stop or mullion and inside
   face of door, so the horizontal centerline on template lines up
   with the horizontal centerline on door stop and door. Tape template
   on the door stop or mullion and the door face. Mark centers and drill
   holes as indicated on the template.

---

<table>
<thead>
<tr>
<th>STRIKE No.</th>
<th>SINGLE DOOR</th>
<th>PAIR OF DOORS WITH MULLION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S300</td>
<td>S498</td>
<td>S988 ALUMINUM</td>
</tr>
<tr>
<td>S301</td>
<td>S498</td>
<td>S988 ALUMINUM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIMENSION X</th>
<th>SINGLE DOOR</th>
<th>PAIR OF DOORS WITH MULLION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4</td>
<td>2-1/4</td>
<td>2-1/4</td>
</tr>
<tr>
<td>2-3/4</td>
<td>2-9/16</td>
<td>1-5/16</td>
</tr>
<tr>
<td>4-1/2 MIN</td>
<td>4-1/4 MIN</td>
<td>3-3/4 MIN</td>
</tr>
<tr>
<td>4-7/8 MIN</td>
<td>4-5/8 MIN</td>
<td></td>
</tr>
</tbody>
</table>

---

STILE WIDTH
BACKSET
S300 STRIKE SHOWN

SINGLE HOLLOW METAL DOOR

STILE WIDTH
BACKSET
S988 STRIKE SHOWN

SINGLE ALUMINUM DOOR AND FRAME

STILE WIDTH
BACKSET
S300 STRIKE SHOWN

PAIR OF DOORS WITH MULLION
CUT DEVICE: - If Required

1. Determine proper CHANNEL LENGTH by subtracting 3-1/4" from dimension Z.
2. Mark cut off point (hinge side filler must be all the way inside of channel).
3. Cut off channel and hinge side filler and deburr.

- CAUTION -
PROTECT INSIDE OF DEVICE FROM METAL SHAVINGS
NOTE: If Trim is specified: See the Trim installation instructions packaged with the trim. If the Exit Device has Electrical or other options see specific option instructions packaged in the exit device carton.

1. Lock Stile Case Mounting
   DEVICE WITH TRIM - See Trim instructions
   CYLINDER ONLY - Install cylinder with cylinder back plate as shown. Make sure the tailpiece is extending 1/4" to 5/16" from the inside face of door. Insert tailpiece into CAM in the lock stile case and mount it to the door with screws.
   EXIT ONLY - Mount Lock Stile case to the door with screws.

2. Insert MOUNTING BRACKET into touch bar assembly tight against channel. Level device, mark and drill 2 holes for #10 sheet metal screws or #10-24 machine screws. Fasten MOUNTING BRACKET to door and attach ENDCAP with 2 screws.

3. Fasten strike to frame and adjust strike so that the device latches tightly without binding. Strike shims are provided if excessive gap is apparent between latch and strike lip.
   - For S300 and S301 strikes apply third center screw once adjustment is complete.
   - For S988 strike apply rubber strip to the aluminum frame as shown on instructions packaged with strike.
   - For FL5100 with mullion devices, install interlock by sliding it into slot under Lock Stile Case. Secure with screw and lock washer.

4. Attach cover to lock stile case.