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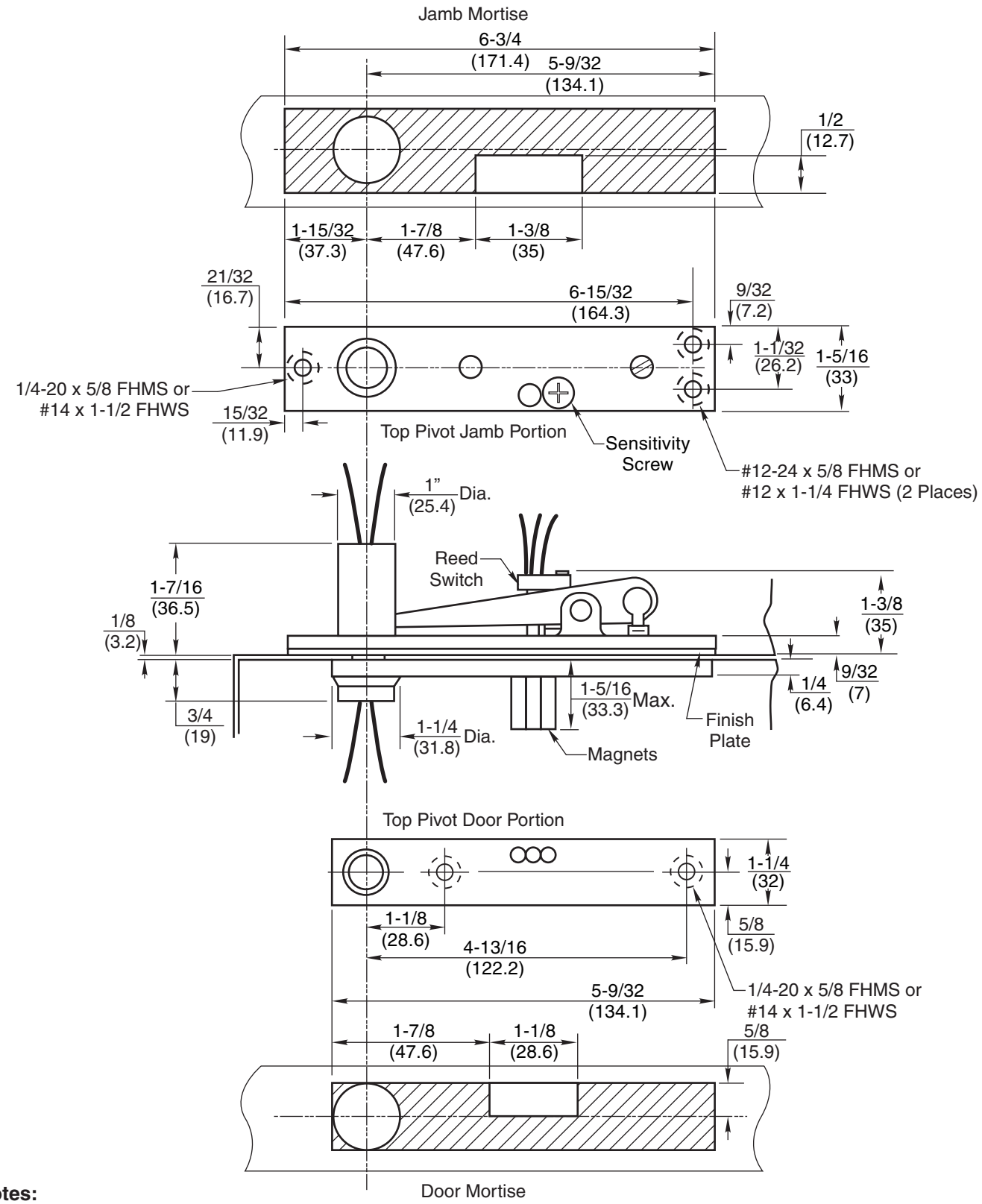

Notes:
1. Do not scale drawing.
2. Dimensions are given in inches (mm).

CS-E-340 Top Pivot Concealed Switch/Thru Wire Center Hung, Non Handed

RIXSON
ASSA ABLOY
www.rixson.com

TEMPLATE NUMBER	DATE
IS-CS-E-340	01-13

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Installation Instructions

1. Prepare door and frame per details shown.

2. To insure proper operation of door, the centerline of the top pivot pin must be straight and plumb with bottom spindle.

3. Jamb Portion Installation:
   - A. Retract pivot pin.
   - B. Connect the concealed switch function:
     1. Locate wires in frame for the concealed switch.
     2. Attach these wires to two of the reed switch wires on the pivot, check system for normally open or normally closed circuit.

RED wire is common.
BLUE wire is normally open.
BROWN wire is normally closed when door is opened.

Maximum switching voltage 28VDC/AC. Minimum switching current .3 AMP

- C. Connect the concealed wiring function:
  1. Locate wires in frame for the concealed wiring function, two (2) or four (4) wires. Attach these wires to the wires thru the pivot pin.

Two types of wiring are offered

- Two wire #18-AWG circuits, rated 3 AMPS @ 250 V Max.
- Four wire #22-AWG circuits, rated 3 AMPS @ 250 V Max.

  2. Install jamb portion into frame keeping wires free of pivot mechanism.

  3. Attach cover plate to pivot. Securely tighten screw closest to pivot pin. Snug up screw farthest from pivot pin.

4. Door Portion Installation:
   - A. Before installing door portion push wires thru door portion bearing hole.
   - B. Bring door to near vertical position and connect wires in door to wires thru bearing hole.
   - C. Push wires into door and install door portion.

5. Mount Door:
   - A. Place door on bottom pivot. While raising door to vertical position, carefully push wires thru door portion bearing hole until pivot pin and bearing hole are aligned.
   - B. Engage top pivot by turning adjusting screw clockwise to extend pivot pin.

6. Sensitivity Adjustment:
   - A. Open door to 90°.
   - B. Remove cover plate screw farthest from pivot pin.
   - C. Pull cover plate down and swing over to reveal sensitivity adjusting screw.
   - D. Use the following as a guide to adjust for sensitivity. To obtain maximum door opening when activating switch, turn screw counter-clockwise. To reduce door opening activation turn screw clockwise.

     IMPORTANT: DO NOT FORCE THE SCREW!

   - E. After final adjustment, replace cover plate and screw.
   - F. Test the electrical installation for proper operation fo the wired door devices.

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Center Hung, Non Handed

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