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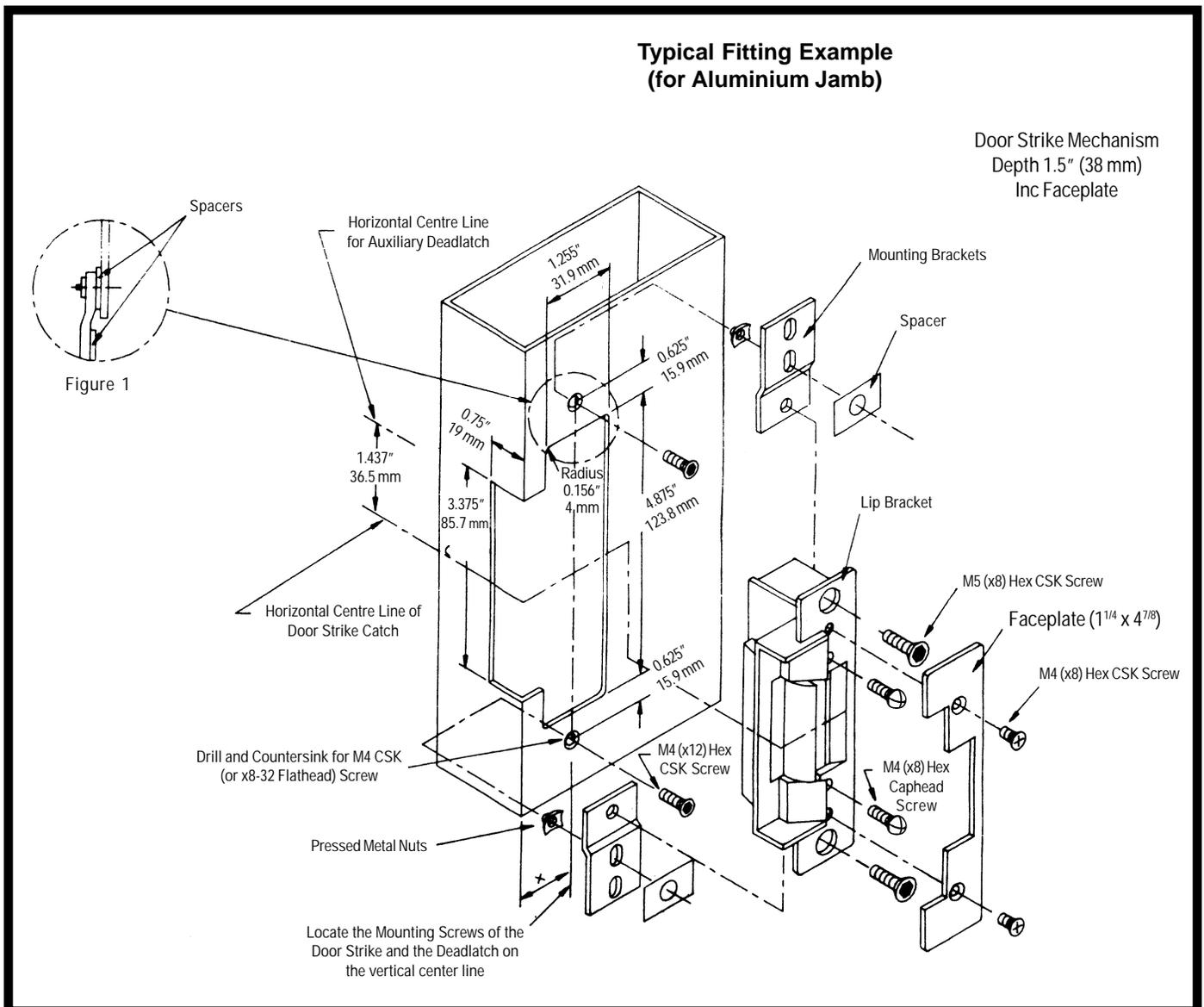


Installation Instructions for the Pulse Operated Door Strike

ANSI Short Internally Mounted Fitting

Please read through these instructions before attempting to install the Ringdale ANSI Short Pulse Operated Door Strike.

Note: Installation procedures will vary depending on shape and design of the door jamb



NOTE: It will be necessary to disable the door handle mechanism on the side of the door which will have access control before the Pulse Operated Door Strike will work.

Voltage Information

The mechanism will be clearly marked as to the voltage (normally 12V). Check that the power supply/controller that is to be used with the door strike can provide the voltage required. (12V has a tolerance of between 11 and 15 volts.)

Damage caused by connecting the door strike to an incorrect voltage is not covered by the warranty.

Use the following procedure for installation:

Important: make sure that screw hole measurements are accurate and aligned.

- 1) Prepare the door frame as shown in the diagram overleaf.
- 2) Install mounting brackets to jamb using M4 (x12) Hex CSK Screws and pressed metal nuts. Do not fully tighten the screws at this time. **Note:** some door jambs will have the mounting brackets pre-fitted.

To ensure that the faceplate of the door strike fits flush with the door jamb a number of spacers are provided. If the faceplate is raised above the level of the jamb, add spacers between the jamb and the mounting bracket until the faceplate fits flush. If the faceplate sits below the level of the jamb, add spacers between the mounting bracket and the lip bracket as shown in Figure 1 overleaf. **Note:** ensure that the holes in the spacers are aligned with the hole in the mounting bracket.

- 3) Connect the wires from the card reader/control box to the terminal block at the bottom of the strike mechanism as shown here.

The 2-way terminal block of the strike mechanism is marked with +(plus) and -(minus).

Connect the positive wire to the **+(plus)** terminal.

Connect the negative wire to the **-(minus)** terminal.

- 4) Fit the strike mechanism into place using the M5 (x8) Hex CSK Screws, ensuring that the wires are not crimped or under strain and that **the path of the wires is not in line with the screw holes.**

Fit the face plate into place using the M4 (x8) Hex CSK Screws.

- 5) Close the door to check that the catch fits into the cavity of the strike mechanism. **Important:** Make sure that the catch is not putting any pressure on the release cam of the strike mechanism.
- 6) Tighten the M4 (x12) Hex CSK Screws holding the mounting brackets to the jamb.

The Pulse Operated Door Strike Mechanism installation is now complete.

Warranty - This product is guaranteed against defects of materials and manufacture for 3 years from date of purchase. Dismantling or altering any part of the lock mechanism in any way will invalidate the warranty.