



Installations of this RIM strike, qualify as “Indoor Use Only”, when not continuously exposed to an outdoor environment.

**Important:**

- Ensure the listed exit device functions as intended for life safety concerns by verifying electric strike and exit device compatibility.
- Maximum latch projection is essential to obtain full holding force. Use 1/8" spacers to maximize latch contact.
- The strike and all devices connected to it, shall be installed with wires less than 30m in length.
- When installed in a Fail Locked manner, the local Authority Having Jurisdiction shall be consulted with regards to the use of selected panic hardware to ensure emergency exit from the secured area.

**Catalog Specifications**

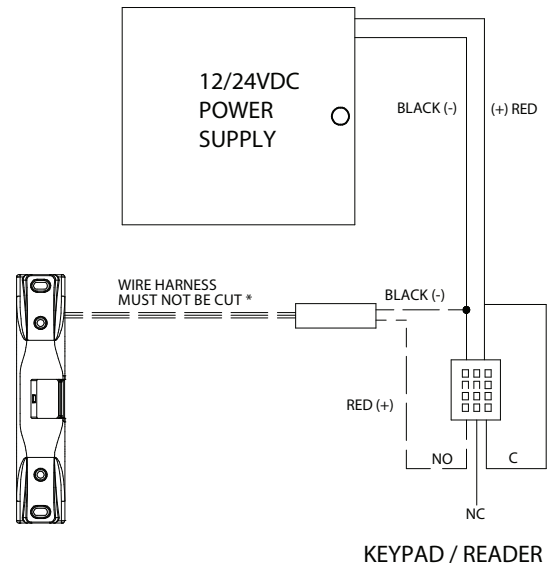
MODEL	MODE	VOLTAGE	DUTY	AVERAGE CURRENT
1663	Fail Locked/Fail Unlocked	12.7-24VDC Auto-Sensing	Continuous	0.03Amp*

DC = Direct Current \*0.550 Amp peak

**Instructions**

1. Carefully prepare the frame per Template TDYL1663.
2. Test fit electric strike to ensure full latch engagement. Add provided spacers, if required.
3. Set Fail Locked (FL) or Fail Unlocked (FUL) mode using the dip switch identified on the strike. Factory set to Fail Locked. NOTE: Strike must be cycled once for change to take effect.
4. Make wire connections from the power source to the wire harness supplied.

**Typical Fail Locked Application**



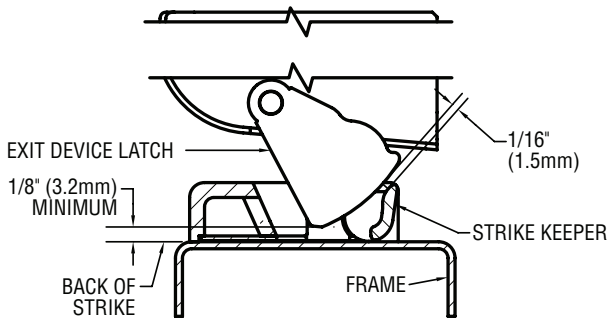
\* Please contact Dynalock for proper wiring support if these wires are cut

- Mount the electric strike with 1/4-20 UNC screws provided in the horizontal adjustment mounting holes (the outer slots). Adjust electric strike horizontally until exit device latch fully engages with the door closed.

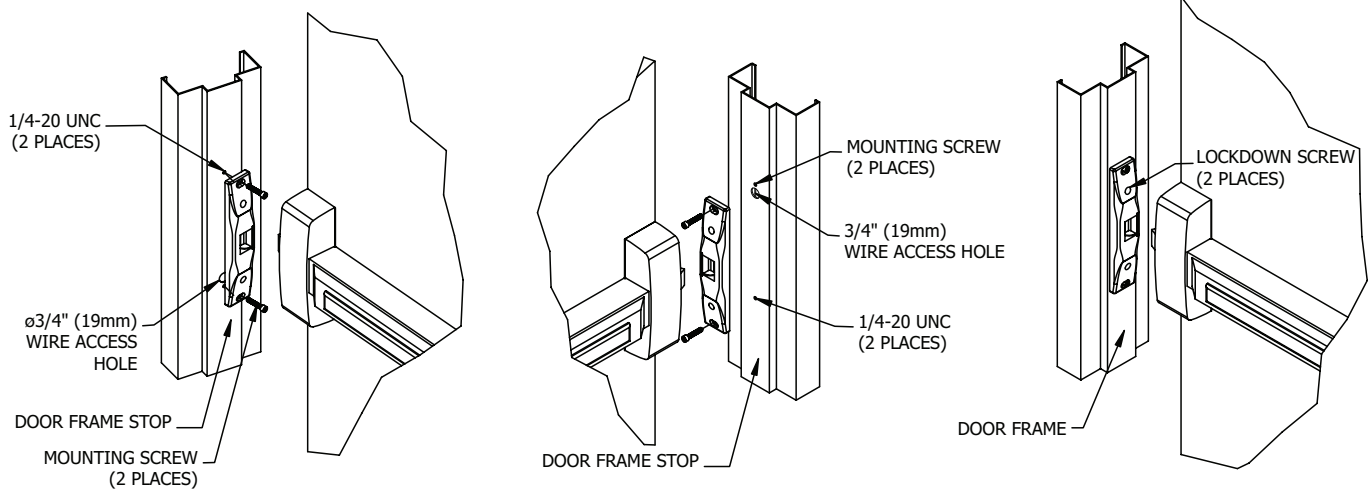
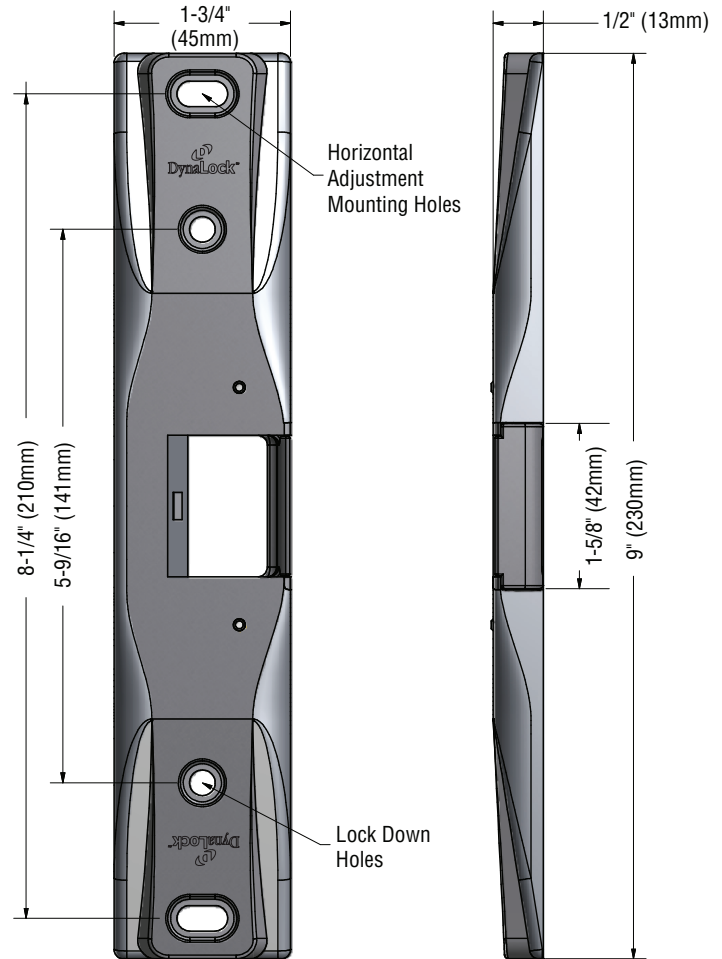
## Dimensional Details

**NOTE:** Ensure a 1/16" (1.5mm) clearance between exit device latch and the electric strike keeper is maintained. Failing to do so will preload the strike and in turn, will not allow the strike to release the door when energized.

**WARNING:** For proper operation a minimum gap of 1/8" (3.2mm) is required between latch and back of strike. If gap is less than 1/8" (3.2mm), the latch will jam and the keeper won't rotate.



- Tighten the two mounting screws and check operation. Adjust the horizontal position of electric strike as required.
- Use the electric strike as a template to mark the two lock down holes. Remove strike. Drill & tap for 1/4-20 UNC locking screws. Using the 1/4-20 UNC screws provided, secure the electric strike through the lock down holes.



**NOTE:** Not to scale. Specifications are subject to change without notice.