WARNING: improper installation, maintenance, inspection or usage of the product or any related accessories or parts may cause the electromagnetic lock, armature plate and associated hardware to disengage and fail, causing serious bodily injury and property damage. DORMA will not be liable to the installer, purchaser, end user or anyone else for damage or injury to person or property due to improper installation, care, storage, handling, maintenance, inspection, abuse, misuse or act of God or nature involving this product or any related accessories or parts.

Score line

**TEMPLATE FOR EML310/EML510 USED WITH CMB10 CONDUIT BRACKET ACCESSORY**

DRILL Ø5/8" (4.0mm) HOLE FOR METAL HEADERS (2 PLACES)

DRILL Ø1/8" (3.2mm) HOLE FOR WOODEN HEADERS (2 PLACES)

PLACE AGAINST HEADER

1-1/4" (32.0mm)

5-3/16" (107.0mm)

3-1/16" (77.0mm)

1-1/4" (32.0mm)

Score line

PLACE AGAINST DOOR

1-11/16" (42.5mm)

3-1/4" (82.5mm)

3-1/4" (82.5mm)

9/16" (14.0mm) x 3/4" (19.0mm) DEEP GUIDE PIN HOLES (2 x A)

DRILL Ø5/8" (12.0mm) HOLE FOR WOOD DOOR

DRILL Ø5/8" (16.0mm) HOLE FOR METAL DOOR

15/16" (24.0mm)

Installation of this product should be done by an experienced installer with knowledge of this product.

Step 1a) **Read Pre-Installation Instructions.**

Step 1b) **Prepare Door & Frame**

Fold template on dotted line above.

"Place against closed door and header with gap shown." Drill the 3 holes in the door and 2 holes in the header as indicated. This will void warranty.

Step 1c) **Mount Armature Plate**

Position bolt with rubber head through the armature plate. Add 3 washers (steel - rubber - steel) onto bolt. Carefully apply thread locking compound to exposed threads.

While aligning pins secure armature plate to door by threading into screw.

NOTE: Do not overtighten armature plate. It must move to allow surface alignment with electromagnetic lock face.

**Mount Electromagnetic Lock**

Remove anti-tamper and cavity screw from front of lock. Remove electronic lock from mounting bracket by loosening captive screws and sliding lengthwise off keyholes.

Attach bracket to header with the 2 roundhead screws provided through the slots.

NOTE: Do not over tighten these screws as the bracket may need adjustment.

When properly installed, the ends of the armature plate allow a slight movement but the plate will feel secure when grasped at the bolt.

There should be no movement to the mounting bracket or housing of the electromagnetic lock.

NOTE: UL and CUL listed electromagnetic locking devices must be used with UL or CUL approved power supplies. DORMA offers a full line of power supplies. EML310 and EML510 electromagnetic locking devices are UL Listed and meet California state fire Marshall (CUPM) specifications.

Carefully remove electromagnetic lock without shifting mounting bracket. Secure mounting bracket in position with the 11 TEK® screws.

Connect conduit nipple. Tip the electromagnetic lock to expose the 4 captive mounting screws. Carefully apply thread locking compound to exposed threads. Slide the electromagnetic lock onto mounting bracket keyholes.

Secure with 4 captive mounting screws.