

CM-PT250M

Concealed Door Loop for 3/4" Offset Pivot Application Only

INSTALLATION INSTRUCTIONS

Camden Door CM-PT250 is used to provide a concealed transfer of power from the door frame to the door for 3/4" offset pivot applications (NOT for center hung or 1-1/2" offset pivots). This product has a limited swing range of up to 105°.



DO NOT PROCEED WITHOUT READING THIS SECTION OF THE INSTRUCTIONS:

To determine the best location for installation, please take the following into consideration:

1. Be sure that the opening does not exceed 105° swing range.
2. Fixed side of the CM-PT250M MUST be attached to the door and the active side of the CM-PT250M MUST be attached to the door frame. DO NOT ADJUST CENTER STOP ON CM-PT250M.
3. When door is closed the total length of the CM-PT250M (12") will be concealed inside the door frame, so be sure, to allow enough room for total concealment.
4. Be sure to select a location on the door for the CM-PT250M that does not compromise the structural integrity of the door when drilling the 5/8" hole.
5. Be sure to select location on frame for the CM-PT250M that will not come into contact with any reinforcement or anchoring brackets within the frame when drilling the 5/8" hole.
6. The height the CM-PT250M is mounted is not critical, but commonly are installed at least 30" off the floor. For the best result, position the CM-PT250M in a location that allows the loop to travel down the inside of the door frame and provides proper wire slack for free movement. (See fig.4)
7. The wire cable MUST slide freely within the CM-PT250M's armored cable. Installing a cable that is too thick to slide freely will result in premature failure due to flexing and stretching.

THE FOLLOWING STEPS GO ALONG WITH THE DIAGRAM ON PAGE 2

PREPARATION OF DOOR & FRAME:

Fig.1 - With the door partially open, measure and mark the distance from the frame header to the desired location the frame. Using the same measurement, mark the distance for the frame header to the desired location on the door. This will be your vertical location.

Fig.2 - Measure and mark to the centre of the door for your horizontal location (this makes the center point for your door prep). Take the centre door measurement and mark the frame accordingly. If pull side of the door is not flush with the face of the frame, be sure to add any difference from the face of the frame to face of door, if any, when marking the reference point on frame. (See **fig 2a**)

Fig.3 - Drill a 5/8" hole in both the door and frame sides for the CM-PT250M to slip into. For the CM-PT250M to conceal properly, there must be 12" of room inside the frame for the CM-PT250M armored cable to move freely. (See **fig. 4**) insert one end off the CM-PT250M in the door and mark the screw holes at the 3 and 9 o'clock positions. Insert one end of the CM-PT250M in the frame and mark the screw holes at the 6 and 12 o'clock positions. Use a #43 (Approx. 3/32") drill bit and pilot out all four screw holes.

INSTALLATION

Fig.4 - Insert the wire through the CM-PT250M and make any required wire terminations. Install the door side of the CM-PT250M using the proper type of screws provided (leave appropriate slack). Install the frame side of the CM-PT250M using the proper type of screws provided (leave appropriate slack).

Carefully open & close the door to verify proper alignment and function of the CM-PT250M. The armored cable should move freely through the frame side CM-PT250M end piece.

**DIAGRAM FOR VISUAL REFERENCE ONLY
 - NOT DRAWN TO SCALE**

