CMP507 P/S
PUSH BAR 2 POINT
LATCH PANIC
DEVICES

INSTALLATION INSTRUCTIONS

INTRODUCTION

- 1) THE DEVICE IS SUITABLE FOR STEEL FIRE DOOR.
- 2)THIS PRODUCT IS SUITABLE FOR DOORS FOR UP TO 1320MM WIDTH AND UP TO 2500MM HEIGHT FOR MECHANICAL TEST. (THE STANDARD PRODUCT IS FOR UP TO 2500MM HIGH,1000MM WIDTH. IF THE WIDTH IS OUT OF THIS RANGE,NEED TO SPECIAL ORDER.)
- 3) THE DOOR MUST WEIGHT NO MORE THAN 200KG AND BE MOUNTED IN A GOOD-QUALITY WELL-MADE FRAME.
- 4) THIS DEVICE MUST BE FITTED BY COMPETENT PERSON.
- 5) IF THE DOOR IS FITTING WITH A DEVICE WHICH ALLOWS YOU TO OPEN IT FROM THE OUTSIDE, READ THE INSTRUCTIONS PROVIDED WITH THAT DEVICE.

HANDING REVEAL

If the panic device is to be used with an outside access device, and they are package separated and need to book separated.

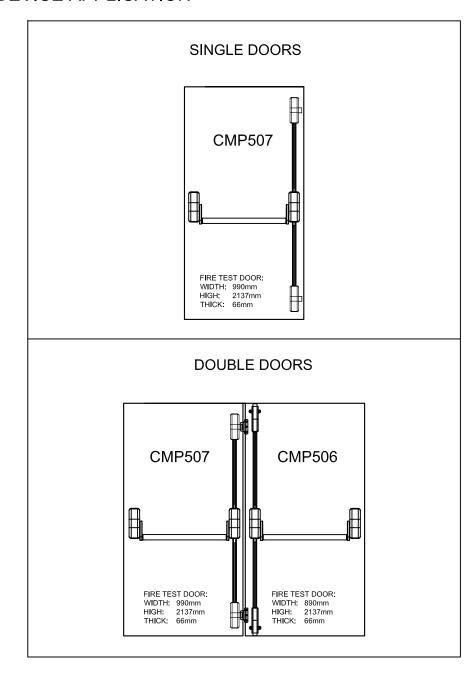
EN1125 CLASSIFICATION NUMBER FOR THIS DEVICE

3 7 6 B 1 4 2 2 A A

MARKING EXAMPLE:

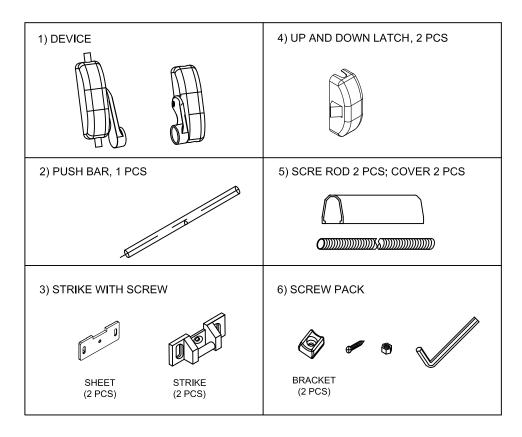
0905 Camax EN1125:2008 376B1422AA 0905-CPR-000390-03

DEVICE APPLICATION



1. PARTS CHECK

- 1) MAKE SURE THE CORRECT DEVICE IS BEING USED.
- 2) MAKE SURE ALL NEEDED PARTS ARE ON HAND.



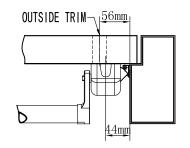
3) MAKE SURE OUTSIDE TRIM (IF BEING USED) HAS BEEN PROVIDED AND IS THE CORRECT HANDING.

2. DOOR LAYOUT

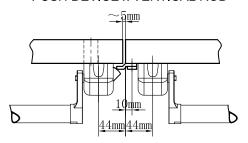
- 1) DOOR MUST BE FITTED AND HUNG PROPERLY BEFORE PROCEEDING.
- 2) MARK VERTICAL \P AND HORIZONTAL \P ON DOOR AND FRAME.

A) VERTICAL €:

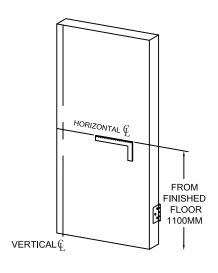
SINGLE DOOR APPLICATION



DOUBLE DOOR APPLICATION PUSH DEVICE x VERTICAL ROD



B) HORIZONTAL :



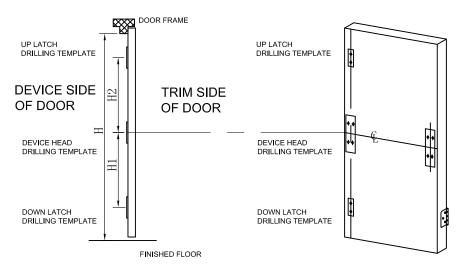
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3. DOOR & HARDWARE PREPARATION

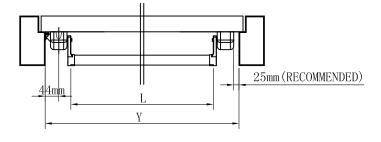
1) TAPE DRILLING TEMPLATES ON DOOR USING VERTICAL AND HORIZONTAL .

MOUNTING DIMENTION FOR REFERENCE:

H1=H2=700



- 2) PREPARE HOLES FOR DEVICE, STRIKES AND LATCH.
- 3) IF USING OUTSIDE TRIM, PREPARE DOOR USING SEPARATE TRIM DIRECTION SHEET.
- 4) DETERMINE DEVICE LENGTH.
- A) THE DEVICE IS FIT FOR THE DOOR WIDTH FROM 400MM TO 1,000MM
- B) MEASURE THE DOOR CLEAR WIDTH OF "Y".
- C) LENGTH OF THE PUSH BAR TO BE CUTTED IS "X": X=Y-150mm

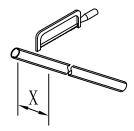


5) IF DOOR WIDTH IS LESS THAN 1,000MM, CUT PUSH BAR.

A) MARK THE PUSH BAR FROM THE END TO THE LENGTH "X".

B) CUT THE PUSH BAR TO MARKED DIMENSION AND REMOVE BURRS.

NOTE: FACTORY RECOMMENDS SAWING RATHER THAN GRIND CUT TO SIZE. GRINDING CAN DAMAGE THE FINISH OF THE PUSH BAR AND SAWING RESULTS IN LESS DAMAGE TO THE PUSH BAR'S FINISH.



6) DEVICE FOR LEFT DOOR AND RIGHT DOOR

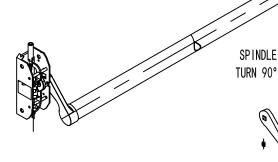
A) THE STANDARD PRODUCT IS FOR RIGHT DOOR.

B) IF FOR LEFT DOOR, REMOVE THE SCREWS S1&S2 THAT FIX THE ARMS, TAKE OUT THE ARMS.

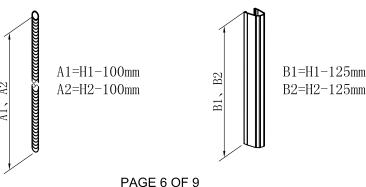
C) TURN THE SPINDLE 90°.

D) EXCHANGE THE ARMS AND FIX INTO THE DEVICE...

E) PUT THE PUSH BAR TO CONNECT THE ARMS, BUT DON'T FIX THE PUSH BAR BY THE GRUB SCREW.



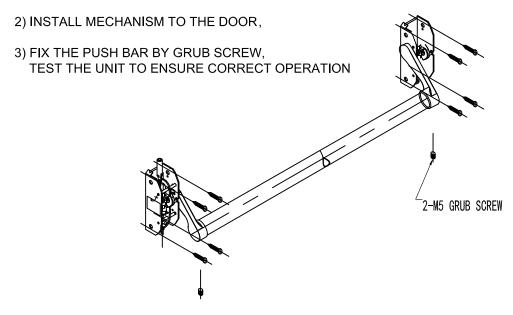
6) CUT THE LENGTH OF THE SCREW ROD AND COVER ACCORDING TO BELLOW LENGTH REQUIREMENT..



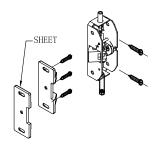
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4. HARDWARE INSTALLATION

1) IF USING OUTSIDE TRIM OR THROUGH BOLTS, MOUNT TRIM PER DIRECTIONS IN TRIM BOX, OR INSTALL OUTSIDE THROUGH BOLTS.



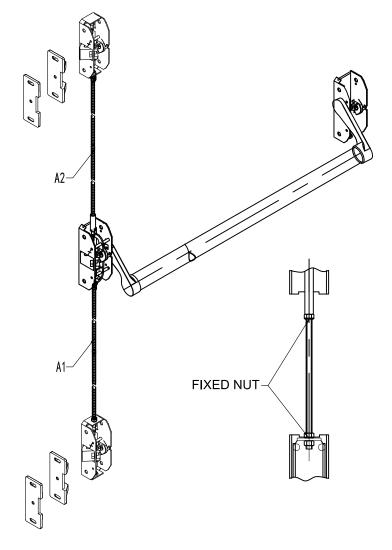
4) INSTALL UP STRIKE AND DOWN STRIKES, AND THEN INSTALL PULLMAN LATCH BODIES TO ENSURE THAT THE LATCHBOLTS ENGAGE SECURELY TO THE STRIKE.



6) INSTALL TOP THREADED ROD INTO CONNECTOR PIECE ON TOP PULLMAN LATCH, HOLD THREADED ROD IN VERTICAL POSITION READY TO CONNECT WITH MAIN DEVICE.

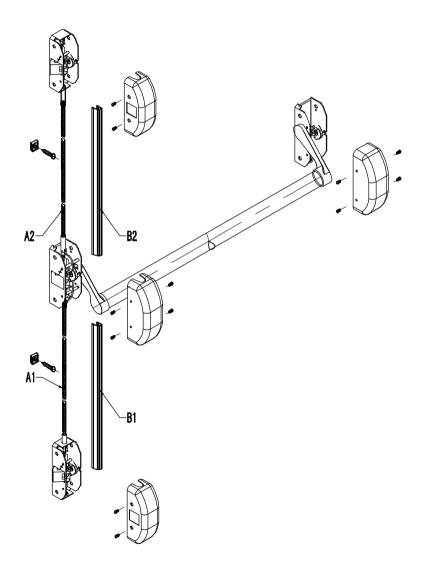
THIS WILL ALLOW YOU TO MARK THE ROD GUIDES POSITIONS AND FIX INTO PLACE. NOW CONNECT MAIN THREADED ROD TO THE ROD CONNECTION ON THE DEVICE AND SCREW INTO PLACE USING FIXING NUT.

TEST THE UNIT TO ENSURE CORRECT OPERATION



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- 7) Install each cover in correct sequence and test the product at each stage to ensure correct operation.
 - A) Install rod covers (again may need to be cut to size) operate the unit to check for binding
- ensure rod cover is not too long to prevent the pullman latch mechanism from operating.
 - **B)** Install main device head cover Test the unit to ensure correct operation.
 - C) Install device end cap onto mounting bracket.
 - D) Install pullman latch covers & test the unit to ensure correct operation.



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Annex A Installation and fixing instructions

- a) Before fitting an exit device to a door, the door should be checked to ensure correct hanging and freedom from binding
- b) Before fitting a panic exit device, shall be examined the door is a fire door.
- c) Ensure that any seals or weather-stripping fitted to the complete door assembly, does not inhibit the correct operations of the panic exit device.
- d) If double door sets, either leaf shall open when its panic exit device is activated, both leaves shall open freely when both panic exit devices are operated simultaneously.
- e) Category 2 (standard projection) panic exit devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with the panic exit devices are not able to open beyond 90°.
- f) Use on steel door machine screws are provided.
- q) Panic exit devices are not intended for use on double action (double swing) doors
- h) A sign which reads "Push bar to open" or a pictogram should be provided on the inside face of the door immediately above the horizontal bar, or on the bar if it has a sufficient flat face to take the size of lettering required. The surface area of the pictogram should be not less than 8 000 mm2 and its colours should be white on a green background. It should be designed such that the arrow points to the operating element, when installed. The pictogram given in Figure A.1 can be used:



Figure A.1

Annex C Maintenance instructions

The following shall be the minimum information to accompany the product:

To ensure performance in accordance with this document, the following routine maintenance checks should be undertaken at intervals of not more than one month

- a) Inspect and operate the panic exit device to ensure that all components are in a satisfactory working condition; using a force gauge, measure and record the operating forces to release the exit device.
- b) Ensure that the keeper(s) is (are) free from obstruction.
- c) Check that the panic exit device is lubricated in accordance with the producer's instructions.
- d) Check that no additional locking devices have been added to the door since its original installation.
- e) Check periodically that all components of the system are still correct in accordance with the list of approved components originally supplied with the system.
- f) Check periodically that the operating element is correctly tightened and, using a force gauge, measure the operating forces to release the exit device. Check that the operating forces have not changed significantly from the operating forces recorded when originally installed.

Important note:

This equipment must be installed by a competent fitter. If these fixing instructions are not followed, then no responsibility for these fixing instructions must be passed to the user after installation has been completed.

The safety features of this product are essential to its compliance with EN 1125:2008, no modification of any kind, other than those described in these instructions are permitted.

Additional Information

These products are intended for use on outward opening fire panic route doors. Include single door or double door(active door)

After Installation and on a periodic basis spray the touch bar device and pull mans with WD40.

Maximum door distortion of 5mm is allowed to ensure safe exit at all times.

Maximum of 1000N pulling force achieved against the fixing screws applied.

This product is suitable for use on steel fire doors:

Fire Resistance Time : Single door Integrity(E) Double door Integrity(E)

Sustained flaming:125min

Gap gauge : 125min

Cotton pad : 50min

Sustained flaming:58min

Gap gauge : 125min

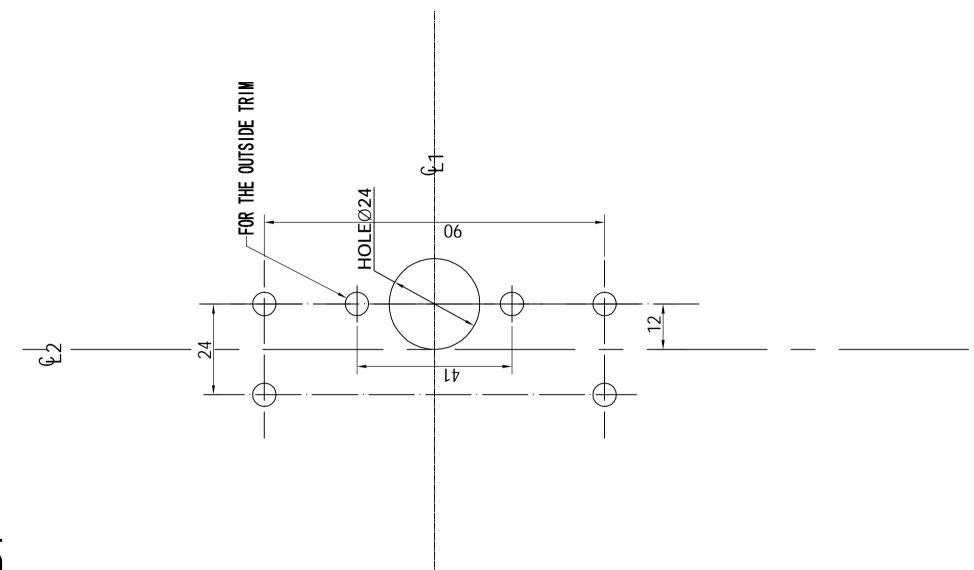
Cotton pad : 41min

Category of projection Category 2

Field of door application : Category A

CE	Jiangmen Camax Hardware Co.,Lt Building D/2#,No.173,Jianshesanlu, Jiangmen,Guangdong									
0905-CPR-000390-03 DOP XXXXXX	Panic Exit Device					20				
EN 1125:2008	3	7	6	В	1	4	2	2	Α	Α
Dangerous substances: None										

TEMPLATE FOR LOCK BODY



81⁄2 FOLD HERE FROM JAMB <u>6</u>2 20 TEMPLATE FOR LATCH STRIKE SHIM <u>L</u>9