

Certificate of Constancy of Performance

0359-CPR-000390



Appendix to Certificate of Constancy of Performance 0359-CPR-000390

Model Ref: **CMP501P/S, CMP505P/S, CMP506P/S, CMP507P/S, CMP508P/S, CMP509P/S, CMP510P/S, CMP511P/S**

Table A1. Model number details for Panic Exit Device from Jiangmen Camax Hardware Co., Ltd.^{1,2,3}

Model number ^{4,5} for Brand Name	Single door	Double door		Lock & Latch type	Latching points ^{6,7,8}	
		Active door	Inactive door		H	V
Camax						
CPM501P/S	✓	✓	--	Rim	1	0
CPM505P/S	✓	--	--	Mortice	1	0
CPM506P/S	✓	--	✓	Rim	0	2
CPM507P/S	✓	✓	--	Rim	2	0
CPM508P/S	✓	--	--	Rim	1	2
CPM509P/S	✓	--	--	Rim	2	2
CPM510P/S	✓	✓	--	Rim	3	0
CPM511P/S	✓	✓	--	Rim	4	0
Accessories						
CMPA010	Lever, Outside access device					
Notes.						
<p>1. The panic exit device(s) are to be installed in accordance with the installation instructions for the product(s).</p> <p>2. This certificate of constancy of performance refers to the requirement for the product(s) described under the CPR. There may be other European Directives, where requirements need to be declared before CE marking can be affixed by the manufacturer or their authorised representative.</p> <p>3. Building hardware tested for use on metal doors with metal frames, as described in fire resistance test reports(see summary Table A.3)</p> <p>4. Product code P – designation represents carbon steel cover</p> <p>5. Product code S – designation represents stainless steel cover</p> <p>6. H – number of horizontal latching points.</p> <p>7. V – number of vertical latching points</p> <p>8. Latching point dimensions (the same), only differing number of latching points.</p>						

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Table A2. Mechanical test reports and product Classification for Panic Exit Device from Jiangmen Camax Hardware Co., Ltd

Mechanical test reports ¹	Model list	Product Classification									
		3	7	6	B ²	1	4	2	2	A	A
130909052GZU-001 130909052GZU-002 130909052GZU-003 130909052GZU-004 161124121GZU-001	CMP501P/S	3	7	6	B ²	1	4	2	2	A	A
	CMP505P/S	3	7	6	B ²	1	4	2	2	A	B
	CMP506P/S	3	7	6	B ²	1	4	2	2	A	A
	CMP507P/S	3	7	6	B ²	1	4	2	2	A	A
	CMP508P/S	3	7	6	B ²	1	4	2	2	A	B
	CMP509P/S	3	7	6	B ²	1	4	2	2	A	B
	CMP510P/S	3	7	6	B ²	1	4	2	2	A	A
	CMP511P/S	3	7	6	B ²	1	4	2	2	A	A

Notes.

1. Products tested as four product families based upon number of latching points (refer to test reports for details).

2. Digit 4 grade "B" was based on the test result from fire resistance test(s) (Refer to Table A3).

Table A3. Fire test reports for Panic Exit Device from Jiangmen Camax Hardware Co., Ltd^a

Fire Test Reports	Model list	Test Method	Fire Resistance (minutes)	
			Integrity (E)	Insulation (I)
130929005SHJ-BP-10R3 ^{a,b} 130929005SHJ-BP-6 130929005SHJ-BP-7R1 130929005SHJ-BP-8R3	CMP501P/S CMP505P/S ^c CMP506P/S CMP507P/S CMP508P/S ^c CMP509P/S ^c CMP510P/S CMP511P/S	EN 1634-1:2014	120	NPD

Notes.

a. Test reports 130929005SHJ-BP-1R2, 130929005SHJ-BP-3R1, 130929005SHJ-BP-4R1, Evaluation 130929005SHJ-BP-9R1.

b. 130929005SHJ-BP-9R1 (refers to 130929005SHJ-BP-4R1 and 130929005SHJ-BP-5)

c. Fire resistance testing reports for single door only.

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Table A4. Panic Exit Device - EN 1125 Table ZA.1 Clauses for Panic Exit Device from Jiangmen Camax Hardware Co. Ltd.

Product:	Panic exit devices operated by a horizontal bar as covered by the scope of EN1125.	
Intended uses:	For doors on escape routes.	
Requirement / characteristic	Requirement clauses in this European Standard	Results
Ability to release (for doors on escape routes)	4.1.2 Release function	< 1 second
	4.1.3 Panic exit device mounting	Surface mounted on inner face of door leaf.
	4.1.5 Exposed edges and corners	No sharp edges
	4.1.7 Double doorset	Pass (NPD for CMP508P/S and CMP509P/S)
	4.1.9 Bar installation	Z < 150 mm
	4.1.10 Bar length	X/Y > 60%
	4.1.11 Bar projection	Standard projection Category 2: W < 100 mm
	4.1.12 Bar end	The operating bar does not protrude beyond either of the end support brackets
	4.1.13 Operating bar face	Type A, V > 18 mm
	4.1.14 Test rod	The device does not trap the test rod in any position of the operating bar
	4.1.15 Door face gap	R > 25 mm
	4.1.16 Accessible gap	The test piece placed in any accessible gap cannot prevent the correct operation of the device
	4.1.17 Door free movement	The device does not include any element impeding the free movement of the door once it is released
	4.1.18 Top vertical bolt	Pass (CMP506P/S, CMP508P/S, CMP509P/S only)
	4.1.20 Keepers	The keeper protects the door frame from the damage caused by the door closing and opening
	4.1.21 Keepers dimensions	Pass (CMP506P/S, CMP508P/S, CMP509P/S only)
	4.1.23 Door mass and dimensions	Mass 200 Kg, height ≤ 2500 mm, width 40 to 1000 mm (dimensions mechanical only)
	4.1.24 Outside access device	Pass
	4.2.2 Release forces	< 80 N with the door unloaded < 220 N with the door loaded with 1 000 N
4.2.7 Security requirement	Grade 2: the device remains locked when a force of 1 000 N is applied to the door	

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Durability of ability to release against aging and degradation (for doors on escape routes)	4.1.4; 4.2.9 Corrosion resistance	Grade 4: Very high resistance (240 hours)
	4.1.6 Temperature range	-10°C; +60°C
	4.1.19 4.2.6 Covers for vertical rods	Pass (CMP506P/S, CMP508P/S, CMP509P/S only)
	4.1.22 Lubrication	Refer to Manufacturer's Maintenance Instructions
	4.2.3 Re-engagement force	< 50 N
	4.2.4 Durability	Grade 7: 200 000 test cycles
	4.2.5 Abuse resistance – Horizontal bar	Pass
	4.2.6 Abuse resistance – Vertical rod	NPD
	4.2.8; 4.2.2; 4.1.17 Final examination	The device is released with a force < 80 N, with the door unloaded, and < 220 N, with the door loaded with 1 000 N, and the door moves freely
Self closing ability C (for fire/smoke doors on escape routes)	4.2.3 Re-engagement force	< 50 N
Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)	4.2.4 Durability	Grade 7: 200 000 test cycles
	4.2.3 Re-engagement force	< 50 N
Resistance to fire E (integrity) and (insulation) (for fire doors on escape routes)	4.1.8; Annex B Suitability of panic exit devices for use on fire/smoke resisting door assemblies –	Grade B: suitable for use on fire/smoke resisting door assemblies (refer to Table A3).
Control of Dangerous substances	4.1.25 dangerous substances	No dangerous substances declared for this product/intended use

END OF DOCUMENT

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