

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-200378-01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s).

**Product(s):** Electromechanically operated locks and striking plates  
(refer to attached appendix for details and conditions)

**Placed on the market under the name or trade mark of:** IEC LTD.  
41 HARWELL ROAD, NUFFIELD ESTATE, POOLE, DORSET, BH17 0BD,  
United Kingdom.

**and produced in the manufacturing plant(s):** SG-15428

**Intended use:** (i) For use on fire and smoke compartmentation doors fitted with door closing devices, to enable such doors to close reliably and thus achieve self-closing in the event of fire.  
(ii) For use on locked fire doors to maintain the fire integrity of the door assembly.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN 14846:2008**

Under System 1 for the performances set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate first issued on **2020-03-31** and will remain valid as long as neither the harmonised standard, the construction product, AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

*The issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations EU 305/2011 (as amended). However, it is the manufacturer's or their authorised representative's sole responsibility to affix the CE logo and, by doing so, confirms full compliance and conformity to all other European mandatory directives and regulations that may also apply.*



0905

**Signature:**

  
93494  


**Date:** 2020-03-31

**Issue:** 01

**Name:**

Dipl.-Ing. Bernhard Miedtank

**Position:** Certification Manager



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## APPENDIX TO: Certificate of Constancy of Performance

Brand: ALPRO  
Model Ref: ALP200H & ALP210H.

**Table A1. Model number(s) details for Electromechanically operated locks and striking plates from IEC LTD.,**

Model Name	Model Number	Mode
Cobalt	ALP200H	Fail Safe Mode: Security-electrical manipulation Grade 1. Fail Secure Mode: Security-electrical manipulation Grade 3.
Cobalt-mini	ALP210H	
Note:		
1. Two models have same Circuit Diagrams. The model ALP200H provides locking in both directions for use on a double acting door. The model ALP210H provides locking in one direction for use on single acting doors.		

**Table A2. Mechanical test report(s) & product classification for Electromechanically operated locks and striking plates from IEC LTD.,<sup>a, b, c, d</sup>**

Test Report	Model tested	Product Classification								
180418128GZU-001	ALP200H	3	Y	9	F <sup>b</sup>	0	0	0	1	1/3 <sup>c</sup>
1. Model ALP210H was assessed as having same performance.										

**Table A3. Fire test report(s) for Electromechanically operated locks and striking plates from IEC LTD.,<sup>a, b, c, d</sup>**

Test Report	Model tested	Test Method	Fire Resistance (minutes)	
			Integrity (E)	Insulation (I)
180515001SHF-BP-1	ALP200H	EN 1634-1:2014	260	18 #
			260	19 ##
<b>Model numbers assessed as having same performance:</b> ALP210H <b>Test configuration:</b> Single leaf single action swing steel fire door assembly <b>Orientation:</b> Both orientations tested; # opening into the furnace and ## opening away from the furnace				



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Table A4. Security-electrical manipulation test report(s) for Electromechanically operated locks and striking plates from IEC LTD.,<sup>a, b, c</sup>

Test Report	Model tested	Characteristic	Grade of security	
			1	3
180628006GZU-001	ALP200H	Voltage drop protection	N/A	Yes
		Protection against the effect of cutting cables	N/A	Yes
		Protection against the effects of wire manipulation	N/A	Yes
		Resistance to electromagnetic manipulation	N/A	Yes
		Resistance to electrostatic discharge EN 61000-4-2	Level 2	Level 4
		Resistance to electrostatic manipulation EN 61000-4-2	N/A	Level 4

Note:

1. The symbol "N/A" in above table means Not applicable.
2. Grade 1 is for Fail Safe mode and Grade 3 is for Fail Secure mode.
3. Model ALP210H was assessed as having same performance.

Notes.

- a. The lock and plate shall be installed in accordance with the installation instructions for the product(s).
- b. Digit 4 grade "F" was based on the test result from fire resistance test (refer to Table A3).
- c. Digit 9 grade "1" or "3" was the grade of security based on electrical manipulation requirements (refer to Table A4).
- d. This certificate of constancy of performance, refers to the requirements 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.



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-200378-01

Table A5. Annex ZA Related Information for Electromechanically operated locks and striking plates from IEC LTD

Product:	Electromechanically operated locks and striking plates	
Intended use:	(i) For use on fire and smoke compartmentation doors fitted with door closing devices, to enable such doors to close reliably and thus achieve self-closing in the event of fire. (ii) For use on locked fire doors to maintain the fire integrity of the door assembly.	
<b>Requirement/ characteristic</b>	<b>Standard clause</b>	<b>Result Summary</b>
Self-closing ability	5.4 Door mass and closing force	Grade 9, Manufacturer specified door mass above 200kg For electronic dead bolting lock, no closing force required.
Durability of self- closing action	5.3.3 Durability of deadbolt mechanism	Grade Y: 200,000 cycles
Resistance to fire E (integrity) I (insulation) (for fire doors)	5.5 Suitability for use on fire/smoke doors & Annex A	Grade F: refer to Table A3 (E) Integrity: 260 minutes (I) Insulation: 18 minutes On single leaf single action swing steel fire door assembly.

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