

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance

0432-CPR-00454-01

Version 01.1

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

electric strikes series "4F"

electromechanically operated striking plates for use in fire and/or smoke controlled doors
as detailed and classified in annex 2 and according to the intended use in annex 3

placed on the market under the name or trade mark of

Openers & Closers

Carrer Agricultura 17, (Nave 12)
08980 Sant Feliu de Llobregat, Barcelona
Spain

and produced in the manufacturing plant(s)

see Annex 1

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 performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 29.06.2018 and will remain valid until 29.06.2023 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 19.11.2018



By order

Dipl.-Ing. T. Friedrich

Head of Certification Body Department 22

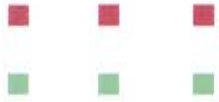
This Certificate consists of 1 page and 3 annex(es).

This Certificate replaces the Certificate no. 0432-CPR-00454-01 (Version 01),
dated 29.06.2018.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

**Electric strikes series „4F“****Manufacturing plant(s)**

Product	Manufacturer & Manufacturing plant
Electric striking plates	Openers & Closers Carrer Agricultura 17, (Nave 12) 08980 Sant Feliu de Llobregat, Barcelona Spain DO 22.5

Electric strikes series „4F“

Classification:

3	C	1	D	0	L	0	0	0
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Electric fire strike series 4F fail secure



SERIES	MODEL	FUNCTION	COIL	KEEPER	COVER
4F	X	X	X	X	X

Series	Model		Function		Coil types				Keeper	Cover	
	DIN Left	DIN Right	Fail-secure	Fail-secure with monitoring	24 V AC	8-14 V AC/DC	12 V DC	24 V DC			24 V DC
4F	L	R	0	6	D	L	M	N	P	4	0
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X

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Classification:

3	C	1	D	0	L	0	1	0
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Electric fire strike series 4F fail secure with monitoring




SERIES	MODEL	FUNCTION	COIL	KEEPER	COVER
4F	X	X	X	X	X

Series	Model		Function		Coil types						Keeper	Cover
	DIN Left	DIN Right	Fail-secure	Fail-secure with monitoring	24 V AC	8-14 V AC/DC	12 V DC	24 V DC	24 V DC	24 V DC		
4F	L	R	0	6	D	L	M	N	P		4	0
X	X			X	X						X	X
X		X		X	X						X	X
X	X			X		X					X	X
X		X		X		X					X	X
X	X			X			X				X	X
X		X		X				X			X	X
X	X			X							X	X
X		X		X							X	X
X	X			X							X	X
X		X		X							X	X

Intended use:

For use on fire- and/or smoke control doors

<i>Essential characteristics</i>	<i>Requirement clauses EN 14846:2008</i>	<i>Performance</i>
<i>Self-closing ability</i>	5.4 <i>Door mass and closing force</i> <i>Threshold according to table 2, Annex A</i> <i>door mass</i> <i>closing force</i>	 <i>class 1 (door mass 100 kg): passed</i> <i>class 1 (max. 50N): passed</i>
<i>Durability of selfclosing action</i>	5.3.2 <i>Threshold according to table 6</i> <i>Durability</i>	 <i>200.000 cycles; no pre-force on the latch</i> <i>class C: passed</i>
<i>Resistance to fire E (integrity) and I(insulation)</i> <i>(for use on fire doors on escape routes)</i>	5.5 <i>Threshold according to table 1, Annex B</i>	 <i>class D: passed</i>

 <p>OPENERS & CLOSERS* Secure locking solutions</p>	<p>DoP Declaration of Performance Nr. 0432-CPR-00454-01</p>	<p>Registro: DoP4FR2V01 Página 1 de 3</p>
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1. Unique identification code of the product-type:

Electromechanical striking plate (Electric strike) according to EN 14846:2008.

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Electric strike 4F series in all variants.

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Electric strike suitable for use on fire and/or smoke doors according to EN 14846:2008.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Openers & Closers S.L.
C/Agricultura 17 Nave 12 Poligono Industrial el Pla
08980 Sant Feliu de Llobregat, Barcelona, España

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

N. A.

6. System or systems of assessment and verification of constancy of performance of the construction product, as set out in Annex III of N° 305/2011/EU Regulations:

System 1

7. The product is covered by a harmonized standard:

Notified body: 0432
Harmonized Standard: EN 14846:2008
Certificate: 0432-CPR-00454-01

8. European Technical Assessment:

N. A.

9. Declared performance:


Pos.	1	2	3	4	5	6	7	8	9
Section	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11
Grade	3	C	1	D	0	L	0	0	0
Grade	3	C	1	D	0	L	0	1	0

Creado: Roger Andreu	Revisado: Roger Andreu	Aprobado: Bernat Andreu	Aprobado Dirección
Fecha: 05/12/2017	Fecha: 05/12/2017	Fecha: 05/12/2017	Fecha: 05/12/2017

Pos.	Ess. Characteristics	Class-Performs
1	4.3 Application class	1 – For use by persons with large incentive for care 2 – For use by persons with some incentive for care 3 – For use by persons with less incentive for care
2	4.4 Lasting functionability and load of the keeper	A – 50.000 testing cycles, no load of the keeper B – 100.000 testing cycles, no load of the keeper C – 200.000 testing cycles, no load of the keeper F – 50.000 testing cycles, load of the keeper 10 N G – 100.000 testing cycles, load of the keeper 10 N H – 200.000 testing cycles, load of the keeper 10 N L – 100.000 testing cycles, load of the keeper 25 N M – 200.000 testing cycles, load of the keeper 25 N R – 100.000 testing cycles, load of the keeper 50 N S – 200.000 testing cycles, load of the keeper 50 N W – 100.000 testing cycles, load of the keeper 120 N X – 200.000 testing cycles, load of the keeper 120 N Y – 200.000 testing cycles, load of the keeper 250 N
3	4.5 Door weight and closing force	1 - ≤ 100 kg door weight, max 50 N closing force 2 - ≤ 200 kg door weight, max 50 N closing force 3 - > 200 kg defined by the manufacturer, max 50 N closing force 4 - ≤ 100 kg door weight, max 25 N closing force 5 - ≤ 200 kg door weight, max 25 N closing force 6 - > 200 kg defined by the manufacturer, max 25 N closing force 7 - ≤ 100 kg door weight, max 15 N closing force 8 - ≤ 200 kg door weight, max 15 N closing force 9 - > 200 kg defined by the manufacturer, max 15 N closing force
4	4.6 Suitability for use in smoke and fire doors	0 – Not suitable for use in smoke and fire doors A – Suitable for use in smoke doors B – Suitable for use in fire doors, resistance time ≤ 15 min C – Suitable for use in fire doors, resistance time ≤ 30 min D – Suitable for use in fire doors, resistance time ≤ 60 min E – Suitable for use in fire doors, resistance time ≤ 90 min F – Suitable for use in fire doors, resistance time ≤ 120 min
5	4.7 Security (personal protection)	0 – No safety requirements
6	4.8 Environmental conditions	0 – Corrosion none, Temperature none, Humidity none A – Corrosion none, Temperature none, Humidity Grade 1 B – Corrosion none, Temperature none, Humidity Grade 2 C – Corrosion low resistance, Temperature +5°C to +55°C, Humidity Grade 1 D – Corrosion medium resistance, Temperature +5°C to +55°C, Humidity Grade 1 E – Corrosion high resistance, Temperature +5°C to +55°C, Humidity Grade 1 F – Corrosion very high resistance, Temperature +5°C to +55°C, Humidity Grade 1 G – Corrosion medium resistance, Temperature -10°C to +55°C, Humidity Grade 1 H – Corrosion high resistance, Temperature -10°C to +55°C, Humidity Grade 1 J – Corrosion very high resistance, Temperature -10°C to +55°C, Humidity Grade 1 K – Corrosion medium resistance, Temperature -25°C to +70°C, Humidity Grade 2 L – Corrosion high resistance, Temperature -25°C to +70°C, Humidity Grade 2 M – Corrosion very high resistance, Temperature -25°C to +70°C, Humidity Grade 2 N – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 1 G – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 2
7	4.9 Security (burglary resistance)	0 – Applies for locks without any protective effect 1 – Minimum protective effect without drilling resistance 2 – Low protective effect without drilling resistance 3 – Medium protective effect without drilling resistance 4 – High protective effect without drilling resistance 5 – High protective effect with drilling resistance 6 – Very high protective effect with drilling resistance 7 – Very high protective effect with drilling resistance
8	4.10 Protective effect of the electrical functions	0 – No requirements 1 – Status indicator according to 5.9 EN 14846:2008
9	4.11 Protective effect of the electrical manipulation	0 – No requirements 1 – See DIN EN 14846:2008-11 table 7 2 – See DIN EN 14846:2008-11 table 7 3 – See DIN EN 14846:2008-11 table 7
	Dangerous substances	The materials used in this product for not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

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Creado: Roger Andreu	Revisado: Roger Andreu	Aprobado: Bernat Andreu	Aprobado Dirección
Fecha: 05/12/2017	Fecha: 05/12/2017	Fecha: 05/12/2017	Fecha: 05/12/2017

 <p>OPENERS & CLOSERS* Secure locking solutions</p>	<p>DoP Declaration of Performance Nr. 0432-CPR-00454-01</p>	<p>Registro: DoP4FR2V01 Página 3 de 3</p>
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10. Responsibility:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued, according to N° 305/2011/EU Regulations, under the sole responsibility of the manufacturer identified in point 4.

Place: Sant Feliu de Llobregat
Date: 05/12/2017

Signed by: 
Name: Bernat Andreu
Executive Director

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Creado: Roger Andreu	Revisado: Roger Andreu	Aprobado: Bernat Andreu	Aprobado Dirección
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