

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance

0432-CPR-00008-06

Version 02

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

Door closing device with electrically powered free swing function ASSA ABLOY DC700G-FM

Door closing device with electrically powered hold open device for swing doors as detailed and classified on annex 1 placed on the market under the name or trade mark of

Abloy Oy

Wahlforssinkatu 20
80100 Joensuu, Finland

and produced in the manufacturing plant(s)

DO 6.7

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

EN 1155:1997/A1:2002/AC:2006

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 23.04.2015 and will remain valid until 23.04.2025 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 23.04.2020



By order

Dipl.-Ing. Friedrich
Head of Certification Body

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

This Certificate replaces the Certificate no. 0432-CPR-00008-06 dated 17.06.2015, Version 01.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

List of products

Type :	„ASSA ABLOY DC700G-FM“
Description :	Electrically powered hold-open devices integrated in door closing device “ASSA ABLOY DC700G-FM” with free swing function and hydraulic damping.
Arm :	Slide channel arm assembly G795
Installation :	Door-leaf fixing, pull side (standard installation) according to manufacturer specifications
Size :	3 - 6
Classification :	3 8 3-6 1 1 3
Plant :	DO 6.7
Remark :	With or without mounting plate

Intended use:

For single and double leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of product
Ability to release	5.1.2 Release from every angle 5.1.3 Preventing the release 5.1.4 Voltage supply 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.5 Hold-open angle 5.2.6 Manual disengagement 5.2.7 Continuous hold-open 5.2.8 Overload behaviour 5.2.9 Shutter release delay 5.2.10 Electrical power 5.2.11 Temperature increase 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed Passed 24 V/ DC; Residual ripple 30 % Passed Passed Passed Passed Passed Not applicable Not applicable Passed Passed Not applicable Passed Passed Passed Class 1: Passed
Durability of the ability to release	5.2.4 Durability 5.2.14 Corrosion resistance 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles): Passed Class 3 (96h): Passed Class 3 (96h): Passed Class 3 (96h): Passed
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

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<i>Essential characteristics</i>	<i>Clauses with requirements in EN 1154:1996/A1:2002/AC:2006</i>	<i>Performance of product</i>
<i>Self-closing</i>	5.2.1 <i>General</i> 5.2.3 <i>Closing torque</i> 5.2.4 <i>Opening torque</i> 5.2.5 <i>Efficiency</i> 5.2.6 <i>Closing time</i> 5.2.7 <i>Opening angle</i> <i>Door-leaf fixing, pull side</i> 5.2.8 <i>Overload test</i> 5.2.9 <i>Temperature dependence</i> 5.2.10 <i>Leakage</i> 5.2.11 <i>Damage</i> 5.2.12 <i>Latch regulation</i> 5.2.13 <i>Back check</i> 5.2.14 <i>Delayed action</i> 5.2.15 <i>Adjustable force</i> 5.2.16 <i>Free play at zero position</i> 5.2.18 <i>Use of fire-/ smoke protection doors</i>	<i>Passed</i> <i>Passed (Size 3-6)</i> <i>Passed (Size 3-6)</i> <i>Passed (Size 3-6)</i> <i>Passed</i> <i>Passed (Class 3)</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Passed</i> <i>Not applicable</i> <i>Not applicable</i> <i>Passed (Size 3-6)</i> <i>Not applicable</i> <i>Class 1: Passed</i>
<i>Durability</i> <i>Self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles):Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i>
<i>Dangerous substances</i>	<i>Annex ZA.3</i>	<i>The manufacturer has not declared any dangerous substances.</i>

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Installation :	Frame fixing, pull side according to manufacturer specifications
Size :	3 - 6
Classification :	3 8 3-6 1 1 3
Plant :	DO 6.7
Remark :	With or without mounting plate

Intended use:

For single and double leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of product
Ability to release	5.1.2 Release from every angle 5.1.3 Preventing the release 5.1.4 Voltage supply 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.5 Hold-open angle 5.2.6 Manual disengagement 5.2.7 Continuous hold-open 5.2.8 Overload behaviour 5.2.9 Shutter release delay 5.2.10 Electrical power 5.2.11 Temperature increase 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed Passed 24 V/ DC; Residual ripple 30 % Passed Passed Passed Passed Not applicable Not applicable Passed Passed Not applicable Passed Passed Passed Class 1: Passed
Durability of the ability to release	5.2.4 Durability 5.2.14 Corrosion resistance 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles): Passed Class 3 (96h): Passed Class 3 (96h): Passed Class 3 (96h): Passed
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<i>Durability</i> <i>Self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles):Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i>
<i>Dangerous substances</i>	<i>Annex ZA.3</i>	<i>The manufacturer has not declared any dangerous substances.</i>

Type :	„ASSA ABLOY DC700G-FM“
Description :	Electrically powered hold-open devices integrated in door closing device “ASSA ABLOY DC700G-FM” with free swing function and hydraulic damping.
Arm :	Slide channel arm assembly G795
Installation :	Frame fixing, push side according to manufacturer specifications
Size :	3 - 5
Classification :	3 8 3-5 1 1 3
Plant :	DO 6.7
Remark :	With or without mounting plate

Intended use:

For single and double leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of product
Ability to release	5.1.2 Release from every angle 5.1.3 Preventing the release 5.1.4 Voltage supply 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.5 Hold-open angle 5.2.6 Manual disengagement 5.2.7 Continuous hold-open 5.2.8 Overload behaviour 5.2.9 Shutter release delay 5.2.10 Electrical power 5.2.11 Temperature increase 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed Passed 24 V/ DC; Residual ripple 30 % Passed Passed Passed Passed Not applicable Not applicable Passed Passed Not applicable Passed Passed Passed Class 1: Passed
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<i>Durability</i> <i>Self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles):Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i>
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<i>Durability</i> <i>Self-closing</i>	5.2.2 <i>Durability</i> 5.2.17.1 <i>Corrosion resistance</i> 5.2.17.2 <i>Corrosion resistance</i> 5.2.17.3 <i>Corrosion resistance</i>	<i>Class 8 (500 000 Cycles):Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i> <i>Class 3 (96h): Passed</i>
<i>Dangerous substances</i>	<i>Annex ZA.3</i>	<i>The manufacturer has not declared any dangerous substances.</i>