

Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

Certificate of constancy of performance

0432-CPR-00008-08.01

Version 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

Free swing door closer and hold-open devices ASSA ABLOY DC640

for single- and double-leaf swing doors as detailed and classified on annex 2

placed on the market under the name or trade mark of

Abloy Oy

Wahlforssinkatu 20
FIN-80101 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 27.08.2018 and will remain valid until 27.08.2023 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 27.08.2018



By order

Dipl.-Ing. Friedrich
Head of Certification Body

This Certificate consists of 1 page and 2 annex(es).

The original of this document was issued in German language.
In case of doubt only the German version is valid.



Manufacturing plant

Product	Manufacturing plant
Free swing door closer and hold-open device	Abloy Oy Wahlforssinkatu 20 80100 Joensuu, Finland DO 6.7

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Product

Type : „ASSA ABLOY DC640“
Description : electrically operated free swing door closer
Arm system : Slide channel arm assembly G694 or G795
Mounting : Door-leaf fixing, pull side
 Frame fixing, push side
 Frame fixing, pull side
Size : 3 - 4
Classification : 3 8 3-4 1 1 3
Remarks : -----

Type : „ASSA ABLOY DC640“
Description : electrically operated hold-open device
Arm system : Slide channel arm assembly G195
Mounting : Door-leaf fixing, pull side
 Frame fixing, push side
 Frame fixing, pull side
Size : 3 - 4
Classification : 3 8 3-4 1 1 3
Remarks : -----

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 (Size 3-4) Passed 24 V/ DC; Residual ripple 30 % Passed Passed Passed Passed (Size 3-4) Passed (Size 3-4) Passed (Size 3-4) Passed (Size 3-4) Passed (Size 3-4) Passed (Size 3-4) Not applicable Passed (Size 3-4) Passed (Size 3-4) Passed (Size 3-4) 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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Intended use:

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

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of product
Self-closing	5.2.1 General 5.2.3 Closing torque 5.2.4 Opening torque 5.2.5 Efficiency 5.2.6 Closing time 5.2.7 Opening angle Door-leaf fixing, pull side Frame fixing, push side Frame fixing, pull side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero position 5.2.18 Use of fire-/ smoke protection doors	Passed Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Class 3: Passed Class 3: Passed Class 3: Passed Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Passed (Size 1-4) Not applicable Class 1: Passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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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Type : „ASSA ABLOY DC640“
Description : electrically operated free swing door closer
Arm system : Arm system L690
Mounting : Door-leaf fixing, pull side
 Frame fixing, push side
Size : 3 - 6
Classification : 3 8 3-6 1 1 3
Remarks : -----

Type : „ASSA ABLOY DC640“
Description : electrically operated hold-open device
Arm system : Arm system L199
Mounting : Door-leaf fixing, pull side
 Frame fixing, push side
Size : 3 - 6
Classification : 3 8 3-6 1 1 3
Remarks : -----

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 (Size 3-6) Passed 24 V/ DC; Residual ripple 30 % Passed Passed Passed Passed Passed (Size 3-6) Passed (Size 3-6) Passed (Size 3-6) Passed (Size 3-6) Passed (Size 3-6) Passed (Size 3-6) Not applicable Passed (Size 3-6) Passed (Size 3-6) Passed (Size 3-6) 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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Intended use:

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

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of product
Self-closing	5.2.1 General 5.2.3 Closing torque 5.2.4 Opening torque 5.2.5 Efficiency 5.2.6 Closing time 5.2.7 Opening angle Door-leaf fixing, pull side Frame fixing, push side 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero position 5.2.18 Use of fire-/ smoke protection doors	Passed Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Class 3: Passed Class 3: Passed Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Passed (Size 2-6) Not applicable Passed (Size 2-6) Not applicable Class 1: Passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	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.