Declaration of Performance

No.: DoP-DC700G-CO-E1.03

ASSA ABLOY

1. Unique identification code of the product-type:

Guide rail with integrated door coordinator device and electrically powered hold-open device on active leaf, **model G-CO-E1** in all variants with door closer DC700.

Guide rail with integrated door coordinator device and electrically powered hold-open device on active leaf, **model G-CO-E1/N** in all variants with door closer DC700.

Guide rail with integrated door coordinator device, smoke detector and electrically powered hold-open device on active leaf, **model G-CO-S1** in all variants with door closer DC700.

2. Intended use/s:

Door coordinator device for smoke and fire doors according to EN 1158:1997/A1:2002/AC:2006

Electrically powered hold-open device for smoke and fire doors according to EN 1155:1997/A1:2002/AC:2006

3. Manufacturer:

ASSA ABLOY
Sicherheitstechnik GmbH

Bildstockstraße 20
72458 Albstadt
GERMANY

4. Authorised representative:

N/A

5. System/s of AVCP:

System 1 according to EN 1158:1997/A1:2002/AC:2006

System 1 according to EN 1155:1997/A1:2002/AC:2006

6.a Harmonised standard:

Notified body	Harmonised standard	Certificate of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, Notified body no.:0432	EN 1158:1997/A1:2002/AC:2006	0432-CPR-00007-21
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, Notified body no.:0432	EN 1155:1997/A1:2002/AC:2006	0432-CPR-00007-20

6.b European Assessment Document:

N/A

7. Declared performance/s:

Declared performance in accordance with EN 1158:1997/A1:2002/AC:2006

Essential characteristics	Sections with requirements in EN 1158:1997/A1:2002/AC:2006	Product performance
Self- closing	5.1.2 Completeness of the products 5.1.3 Correct closing sequence 5.2.1 General information 5.2.2 Overload behaviour in closing direction 5.2.3 Manipulation 5.2.4 Resistance of the waiting position 5.2.6 Damage 5.2.8 Suitability for fire / smoke protection doors	passed passed (size 3-6) passed passed (size 3-6) passed (size 3-6) passed (size 3-6) passed (size 3-6) Class 1: passed
Permanent function of the self-closing	5.2.4 Permanent function 5.2.7 Resistance to corrosion 5.2.7.1 5.2.7.2 5.2.7.3	Class 5 (500.000 cycles): passed Class 4 (240h): passed Class 4 (240h): passed Class 4 (240h): passed
Control of hazardous substabces	Annex ZA.3	The materials used in this building product do not contain any hazardous substances and do not exceed any limit values defined in European Standards or national regulations.

Classification code according to EN 1158:1997/A1:2002/AC:2006

Position	1	2	3	4	5	6
Section	4.2	4.3	4.4	4.5	4.6	4.7
Code	3	5	3/6	1	1	4

Item	Features	Class	Performance
1	Category of use	3	For doors for use by the public, and others, with little incentive to take care
2	Durability	5	500.000 test cycles
3	Door sequence selector-Size	3 4 5 6	Recommended door leaf width max. [mm]: 950 / 1100 / 1250 / 1400 Test door mass [kg]: 60 / 80 / 100 / 120 Distance between hinge center lines max. [mm]: 1900 / 2200 / 2500 / 2800 Test door friction max. [Nm]: 0,3 / 0,4 / 0,5 / 0,6
4	Suitability for fire/smoke door use	1	Suitable for use on fire/smoke door assemblies.
5	Safety	1	Therefore only grade 1 is identified
6	Corrosion resistance	4	Very high resistance (240h)

Declared performance in accordance with EN 1155:1997/A1:2002/AC:2006

Essential characteristics	Sections with requirements in EN 1155:1997/A1:2002/AC:2006	Product performance
Ability to release	5.1.2 Release from any angle 5.1.3 Prevention of release 5.1.4 Nominal voltage supply 5.1.5 External electrical connection 5.1.6 Inlet for external cable routing 5.2.1 General information 5.2.2 Electrical tripping 5.2.5 Locking angle 5.2.6 Manual disengagement 5.2.7 Permanent detection 5.2.8 Overload behaviour 5.2.9 Tripping delay 5.2.10 Electrical power 5.2.11 Temperature rise 5.2.12 Damage 5.2.13 Suitability for fire and smoke protection doors	passed (size 3-6) passed (size 3-6) 24V / 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) NPD/ not applicable passed (size 3-6) passed (size 3-6) passed (size 3-6) Class 1: passed
Permanent function of ability to release	5.2.4 Permanent function 5.2.14 Resistance to corrosion 5.2.14.1 5.2.14.2 5.2.14.3	Class 83 (500.000 cycles): passed Class 4 (240h): passed Class 4 (240h): passed Class 4 (240h): passed
Control of hazardous substances	Annex ZA.3	The materials used in this building product do not contain any hazardous substances and do not exceed any limit values defined in European Standards or national regulations.

Classification code according to EN 1155:1997/A1:2002/AC:2006

Position	1	2	3	4	5	6
Section	4.2	4.3	4.4	4.5	4.6	4.7
Code	3	8	3/6	1	1	4

Item	Features	Class	Performance
1	Category of use	3	For doors for use by the public, and others, with little incentive to take care
2	Durability	8	500.000 test cycles
3	Hold-open power size	3 4 5 6	Recommended door leaf width, max. [mm]: 950 / 1100 / 1250 / 1400 Test door mass [kg]: 60 / 80 / 100 / 120 Overload test drop weight [kg]: 15 / 18 / 21 / 27 Test door friction max. [Nm]: 0,3 / 0,4 / 0,5 / 0,6
4	Suitability for fire/smoke door use	1	Suitable for use on fire/smoke door assemblies.
5	Safety	1	Therefore only grade 1 is identified
6	Corrosion resistance	4	Very high resistance (240h)

Declared performance in accordance with EN 1154:1996/A1:2002/AC:2006

Essential characteristics	Sections with requirements in EN 1154:1996/A1:2002/AC:2006	Product performance
Self- closing	5.1.2 General information 5.2.3 Closing torque 5.2.4 Opening torque 5.2.5 Efficiency 5.2.6 Closing time 5.2.7 Opening angle mounting on the opening side of the door mounting on the closing side of the door 5.2.8 Overload behaviour 5.2.9 Temperature dependence 5.2.10 Fluid discharge 5.2.11 Damage 5.2.12 Latching speed regulation 5.2.13 Back check 5.2.14 Delayed closing 5.2.15 Adjustable closing force 5.2.16 Play in the zero position 5.2.18 Suitability for fire and smoke protection doors	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) passed (size 3-6) passed (size 3-6) passed (size 3-6) passed (size 3-6) passed (size 3-6) passed (size 3-6) NPD / not applicable passed (size 3-6) NPD / not applicable Class 1: passed
Permanent function of the self-closing	5.2.2 Permanent function 5.2.17 Resistance to corrosion 5.2.17.1 5.2.17.2	Class 8 (500000 cycles): passed Class 4 (240h): passed Class 4 (240h): passed
Control of hazardous substances	Annex ZA.3	The materials used in this building product do not contain any hazardous substances and do not exceed any limit values defined in European standards or national regulations.

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

N/A

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Stefan Fischbach, Managing Director

at Albstadt on 02.05.2022

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