

Nr.: DoP-G-E.02

1. Unique identification code of the product-type:

Electrically powered hold-open device for swing doors according to EN 1155:1997/A1:2002/AC:2006
Electrically powered hold-open device Modell G-E in all variants

2. Intended use/es:

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
DEUTSCHLAND

4. Authorised representative:

N.N

5. System/s of AVCP:

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

6.a Harmonised standard:

Notified body	Harmonised standard	Certificat of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, Kennung:0432	EN 1155:1997/A1:2002/AC2006	0432-CPR-00007-20 (Version 01 15.05.2018)

The product is covered by other EC-directives:

N.N

6.b European Assessment Document:

N.N

7. Declared performance/s:

Erklärte Leistung nach 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 passed 24V / DC, residual ripple 30%): passed passed passed passed passed passed passed passed passed passed passed passed Class 1: passed
Permanent function of ability to release	5.2.4 Permanent funktion 5.2.14 Resistance to corrosion 5.2.14.1 bis 5.2.14.3	Class 8 (500000 cycles): 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.

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

Essential characteristi	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 Backcheck 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 (Size 3-6): passed (Size 3-6): passed (Size 3-6): passed passed passed passed passed passed passed passed passed (Size 3-6): passed not applicable (Size 3-6): passed not applicable Classe 1: passed
Permanent function of the self-closing	5.2.2 Permanent function 5.2.17 Resistance to corrosion 5.2.17.1 bis 5.2.16.3	Class 8 (500000 cycles): 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 1155:1996/A1:2002/AC:2006

Position	1	2	3	4	5	6	7	8	9	10	
Section	4.2	4.3	4.4	4.5	4.6	4.7					
Code	3	8	3/6	1	1	4					

Item	Key feautres	Class – Performance																														
1	Application class	3 – Only one category of use is identified for electrically powered hold-open devices. For doors for use by the public, and others, with little incentive to take care.																														
2	Durability	5 – 50.000 test cycles 8 – 500.000 test cycles																														
3	Deterministic variable	<table border="1"> <thead> <tr> <th>Hold-open power size</th> <th>Recommended doo leaf width [mm]</th> <th>Test door mass [kg]</th> <th>Overload test drop weight [kg]</th> <th>Test door friction [Nm]</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>950</td> <td>60</td> <td>15</td> <td>0,3</td> </tr> <tr> <td>4</td> <td>1100</td> <td>80</td> <td>18</td> <td>0,4</td> </tr> <tr> <td>5</td> <td>1250</td> <td>100</td> <td>21</td> <td>0,5</td> </tr> <tr> <td>6</td> <td>1400</td> <td>120</td> <td>27</td> <td>0,6</td> </tr> <tr> <td>7</td> <td>1600</td> <td>160</td> <td>36</td> <td>0,8</td> </tr> </tbody> </table>	Hold-open power size	Recommended doo leaf width [mm]	Test door mass [kg]	Overload test drop weight [kg]	Test door friction [Nm]	3	950	60	15	0,3	4	1100	80	18	0,4	5	1250	100	21	0,5	6	1400	120	27	0,6	7	1600	160	36	0,8
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6	1400	120	27	0,6																												
7	1600	160	36	0,8																												
4	Fire resistance	1 – Suitable for use on fire/smoke door assemblies.																														
5	Safety	1 – Therefore only grade 1 is identified																														
6	Corrosion resistance	Corrosion resistance are identified according to DIN EN 1670 0 – No defined corrosion resistance 1 – Mild resistance (24h) 2 – Moderate resistance (48h) 3 – High resistance (96h) 4 – Very high resistance (240h)																														

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

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 09.10.2018



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