

Nr.: DoP-G-E/N.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/N 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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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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