

No.: DoP-830.01

**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 model 830 in all variants

**2. Intended use/s:**

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/A

**5. System/s of AVCP:**

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, Kennung:0432	EN 1155:1997/A1:2002/AC2006	0432-CPR-00007-22 (08.01.2021)

**6.b European Assessment Document:**

N/A

## 7. Declared performance/s:

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 3-7) passed (size 3-7) 24V / DC, residual ripple 30%): passed passed passed passed passed (size 3-7) passed (size 3-7) passed (size 3-7) passed (size 3-7) passed (size 3-7) NPD / function not available passed passed (size 3-7) passed (size 3-7) 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 5 (50000 cycles): passed (size 3-7)   Class 0 : NPD Class 0 : NPD Class 0 : NPD
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	5	3-7	1	1	0

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	50.000 test cycles																								
3	Hold-open power size	3 4 5 6 7	<table> <tr> <th>Recommended door leaf width, max. [mm]</th><th>Door leaf weight [kg]</th><th>Overload test drop weight [kg]</th><th>Test door friction max. [Nm]</th></tr> <tr> <td>950</td><td>60</td><td>15</td><td>0,3</td></tr> <tr> <td>1100</td><td>80</td><td>18</td><td>0,4</td></tr> <tr> <td>1250</td><td>100</td><td>21</td><td>0,5</td></tr> <tr> <td>1400</td><td>120</td><td>27</td><td>0,6</td></tr> <tr> <td>1600</td><td>160</td><td>36</td><td>0,8</td></tr> </table>	Recommended door leaf width, max. [mm]	Door leaf weight [kg]	Overload test drop weight [kg]	Test door friction max. [Nm]	950	60	15	0,3	1100	80	18	0,4	1250	100	21	0,5	1400	120	27	0,6	1600	160	36	0,8
Recommended door leaf width, max. [mm]	Door leaf weight [kg]	Overload test drop weight [kg]	Test door friction max. [Nm]																								
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1250	100	21	0,5																								
1400	120	27	0,6																								
1600	160	36	0,8																								
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	0	No defined corrosion resistance																								

## 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 25.01.2021

A handwritten signature in black ink, appearing to read 'Stefan Fischbach', with a long, sweeping underline.

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