

Nr.: DoP-142U.02

**1. Unique identification code of the product-type:**

Electromechanical striking plate (Electric strike) according to DIN EN 14846:2008  
Electric strike Modell 142U in all variants

**2. Intended use/es:**

Electric strike for smoke and fire doors according to DIN EN 14846:2008

**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 DIN EN 14846:2008

**6.a Harmonised standard:**

Notified body	Harmonised standard	Certificat of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, Kennung:0432	DIN EN 14846:2008	0432-CPR-00007-04 (22.12.2015)

The product is covered by other EC-directives:

**6.b European Assessment Document:**

N.N

## 7. Declared performance/s:

Declared performance according to EN 14846:2008

Requirement / characteristic	Section	Performance	Harmonisend standard
Self-closing ability	5.4 and annex A	Closing force from a standing start passed Return force of latch bolt passed	EN 14846:2008
Durability of self-closing action	5.3.2	Durability passed Number of test cycles passed	EN 14846:2008
Resistance to fire E (integrity) I (insulation) (for fire doors)	5.5	Fire test passed	EN 14846:2008

Classification code according to DIN EN 14846:2008

Position	1	2	3	4	5	6	7	8	9		
Section	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.10	4.11		
Class	3	X	5	D	-	0	0	0	1		
Class	3	X	5	D	-	0	0	1	1		
Class	3	C	5	D	-	0	0	0	1		
Class	3	C	5	D	-	0	0	1	1		

Pos.	Ess. characteristics	Class-Performents
1	Application class	<ul style="list-style-type: none"> <li>1 – For use by persons with large incentive for care</li> <li>2 – For use by persons with some incentive for care</li> <li>3 – For use by persons with less incentive for care</li> </ul>
2	Lasting functionability and load of the keeper	<ul style="list-style-type: none"> <li>A – 50.000 testing cycles, no load of the keeper</li> <li>B – 100.000 testing cycles, no load of the keeper</li> <li>C – 200.000 testing cycles, no load of the keeper</li> <li>F – 50.000 testing cycles, load of the keeper 10 N</li> <li>G – 100.000 testing cycles, load of the keeper 10 N</li> <li>H – 200.000 testing cycles, load of the keeper 10 N</li> <li>L – 100.000 testing cycles, load of the keeper 25 N</li> <li>M – 200.000 testing cycles, load of the keeper 25 N</li> <li>R – 100.000 testing cycles, load of the keeper 50 N</li> <li>S – 200.000 testing cycles, load of the keeper 50 N</li> <li>W – 100.000 testing cycles, load of the keeper 120 N</li> <li>X – 200.000 testing cycles, load of the keeper 120 N</li> <li>Y – 200.000 testing cycles, load of the keeper 250 N</li> </ul>
3	Door weight and closing force	<ul style="list-style-type: none"> <li>1 – ≤ 100 kg door weight, max 50 N closing force</li> <li>2 – ≤ 200 kg door weight, max 50 N closing force</li> <li>3 – &gt; 200 kg defined by the manufacturer, max 50 N closing force</li> <li>4 – ≤ 100 kg door weight, max 25 N closing force</li> <li>5 – ≤ 200 kg door weight, max 25 N closing force</li> <li>6 – &gt; 200 kg defined by the manufacturer, max 50 N closing force</li> <li>7 – ≤ 100 kg door weight, max 15 N closing force</li> <li>8 – ≤ 200 kg door weight, max 15 N closing force</li> <li>9 – &gt; 200 kg defined by the manufacturer, max 50 N closing force</li> </ul>
4	Suitability for use in smoke and fire doors	<ul style="list-style-type: none"> <li>0 – Not intended for use on smoke/fire door assemblies</li> <li>A – Suitable for use on smoke door assemblies</li> <li>B – With a classification time of 15 min</li> <li>C – With a classification time of 30 min</li> <li>D – With a classification time of 60 min</li> <li>E – With a classification time of 90 min</li> <li>F – With a classification time of 120 min or greater</li> </ul>
5	Security (personal protection)	<ul style="list-style-type: none"> <li>0 – No safety requirements</li> </ul>

6	Environmental conditions	<ul style="list-style-type: none"> <li>0 – Corrosion none, Temperature none, Humidity none</li> <li>A – Corrosion none, Temperature none, Humidity Grade 1</li> <li>B – Corrosion none, Temperature none, Humidity Grade 2</li> <li>C – Corrosion low resistance, Temperature +5°C to +55°C, Humidity Grade 1</li> <li>D – Corrosion medium resistance, Temperature +5°C to +55°C, Humidity Grade 1</li> <li>E – Corrosion high resistance, Temperature +5°C to +55°C, Humidity Grade 1</li> <li>F – Corrosion very high resistance, Temperature +5°C to +55°C, Humidity Grade 1</li> <li>G – Corrosion medium resistance, Temperature -10°C to +55°C, Humidity Grade 1</li> <li>H – Corrosion high resistance, Temperature -10°C to +55°C, Humidity Grade 1</li> <li>J – Corrosion very high resistance, Temperature -10°C to +55°C, Humidity Grade 1</li> <li>K – Corrosion medium resistance, Temperature -25°C to +70°C, Humidity Grade 2</li> <li>L – Corrosion high resistance, Temperature -25°C to +70°C, Humidity Grade 2</li> <li>M – Corrosion very high resistance, Temperature -25°C to +70°C, Humidity Grade 2</li> <li>N – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 1</li> <li>G – Corrosion none, Temperature -25°C to +70°C, Humidity Grade 2</li> </ul>
7	Security (burglary resistance)	<ul style="list-style-type: none"> <li>0 – Applies for locks without any protective effect</li> <li>1 – Minimum protective effect without drilling resistance</li> <li>2 – Low protective effect without drilling resistance</li> <li>3 – Medium protective effect without drilling resistance</li> <li>4 – High protective effect without drilling resistance</li> <li>5 – High protective effect with drilling resistance</li> <li>6 – Very high protective effect with drilling resistance</li> <li>7 – Very high protective effect with drilling resistance</li> </ul>
8	Protective effect of the electrical functions	<ul style="list-style-type: none"> <li>0 – No requirements</li> <li>1 – Status indicator according to 5.9 EN 14846:2008</li> </ul>
9	Protective effect of the electrical manipulation	<ul style="list-style-type: none"> <li>0 – No requirements</li> <li>1 – See DIN EN 14846:2008-11 table 7</li> <li>2 – See DIN EN 14846:2008-11 table 7</li> <li>3 – See DIN EN 14846:2008-11 table 7</li> </ul>

## 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:

Stephan Fischbach, Managing Director

At Albstadt

on 07.01.2016



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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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