

No.: DoP-EX118RB7.01

1. Unique identification code of the product-type:

Electromechanical striking plate (Electric strike) according to EN 14846:2008
Electric strike model EX118R-----Z31B7

2. Intended use/es:

Electric strike for use on fire and smoke protection doors according to EN 14846:2008

3. Manufacturer:

ASSA ABLOY
Sicherheitstechnik GmbH
Bildstockstraße 20
72458 Albstadt
GERMANY

4. Authorised representative:

N. N.

5. System/s of AVCP:

System 1 according to EN 14846:2008

6.a Harmonised standard:

Notified body	Harmonized standard	Certificate of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, identifier:0432	EN 14846:2008	0432-CPR-00007-04 (V04) Date: 15.06.2018

The product is covered by other EC-directives:

Document	Identification	Date
EU-Declaration of Conformity (ASSA ABLOY Sicherheitstechnik GmbH, Bildstock 20, D72458 Albstadt)	DoC-EX118RB7.01	23.07.2019

6.b European Assessment Document:

N. N.

7. Declared performance/s:

Declared performance according to EN 14846:2008

Essential characteristics	Requirement clauses EN 14846:2008	Product performance
Self-closing ability	5.4. Door mass and closing force, Annex A	passed, (see classification key (3*))
Durability of self-closing action	5.3. Durability of latch action	passed, (see classification key (2*))
Ability to maintain door in closed position, and not contribute to the spread of fire	5.5 Fire test according to EN 1634-1	passed, (see classification key (4*))
Dangerous substances	Appendix ZA.3	The materials used in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations

Classification key according to 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	C	5	C	0	0	0	2	0		

Pos.	Essential characteristics	Class – Performance																																											
1	Category of use	1	For use by people with a high incentive to exercise care and with small chance of misuse																																										
		2	For use by people with some incentive to exercise care but where there is some chance of misuse																																										
		3	For use by the public where there is little incentive to exercise for care an where there is a high chance of misuse																																										
2	Durability and load on latch bolt		<table border="1"> <thead> <tr> <th></th> <th>test cycles</th> <th>load on latch bolt [N]</th> </tr> </thead> <tbody> <tr><td>A</td><td>50.000</td><td>0</td></tr> <tr><td>B</td><td>100.000</td><td>0</td></tr> <tr><td>C</td><td>200.000</td><td>0</td></tr> <tr><td>F</td><td>50.000</td><td>10</td></tr> <tr><td>G</td><td>100.000</td><td>10</td></tr> <tr><td>H</td><td>200.000</td><td>10</td></tr> <tr><td>L</td><td>100.000</td><td>25</td></tr> <tr><td>M</td><td>200.000</td><td>25</td></tr> <tr><td>R</td><td>100.000</td><td>50</td></tr> <tr><td>S</td><td>200.000</td><td>50</td></tr> <tr><td>W</td><td>100.000</td><td>120</td></tr> <tr><td>X</td><td>200.000</td><td>120</td></tr> <tr><td>Y</td><td>200.000</td><td>250</td></tr> </tbody> </table>		test cycles	load on latch bolt [N]	A	50.000	0	B	100.000	0	C	200.000	0	F	50.000	10	G	100.000	10	H	200.000	10	L	100.000	25	M	200.000	25	R	100.000	50	S	200.000	50	W	100.000	120	X	200.000	120	Y	200.000	250
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4	Suitability for use on fire and smoke		use																																										

	doors	0	not intended for use on fire/smoke door assemblies					
		A	suitable for use on smoke door assemblies					
			suitable for use on smoke/fire door assemblies:					
		B	with a classification time of 15 min					
		C	with a classification time of 30 min					
		D	with a classification time of 60 min					
		E	with a classification time of 90 min					
		F	with a classification time of 120 min or higher					
5	Safety	0	No safety requirement					
6	Environmental conditions Corrosion resistance in accordance with EN 1670:2007 Resistance to a range of temperatures in accordance with EN 60068-2-1:2007 and EN 60068-2-2:2007 Resistance to cyclic humidity in accordance with EN 60068-2-30:2005		corrosion resistance [h]	temperature [°C]	humidity			
		0	No defined resistance	No defined resistance	No defined resistance			
		A	No defined resistance	No defined resistance	Level 1			
		B	No defined resistance	No defined resistance	Level 2			
		C	24	+5 to +55	Level 1			
		D	48	+5 to +55	Level 1			
		E	96	+5 to +55	Level 1			
		F	240	+5 to +55	Level 1			
		G	48	-10 to +55	Level 1			
		H	96	-10 to +55	Level 1			
		J	240	-10 to +55	Level 1			
		K	48	-25 to +70	Level 2			
		L	96	-25 to +70	Level 2			
		M	240	-25 to +70	Level 2			
N	No defined resistance	-25 to +70	Level 1					
P	No defined resistance	-25 to +70	Level 2					
6	Environmental conditions		corrosion resistance [h]	temperature [°C]				
		0	0	-				
		A	24	-				
		B	48	-				
		C	96	-				
		D	240	-				
		E	48	-20 to +80				
		F	96	-20 to +80				
G	240	-20 to +80						
7	Security (burglary resistance)	0	no security effect					
		1	Minimum security no drill resistance					
		2	Low security no drill resistance					
		3	Medium security no drill resistance					
		4	High security no drill resistance					
		5	High security with drill resistance					
		6	Very high security no drill resistance					
		7	Very high security with drill resistance					
8	Security- electrical function	0	No requirement					
		1	Status indicator according to 5.9 EN 14846:2008					
9	Security- electrical manipulation		Protection against effect of			Resistance to	Resistance to (EN 61000-4-2)	
			Voltage drop	Cutting cables	Wire manipulation	Electromagnetic manipulation	Electrostatic discharge	Electrostatic manipulation
		0	—	—	—	—	—	—
		1	—	—	—	—	Level 2	—
		2	yes	yes	—	yes	Level 4	Level 4
		3	yes	yes	yes	yes	Level 4	Level 4

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 Zintgraf, Chief Technology Officer DACH

At Albstadt

on 23.07.2019



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ASSA ABLOY is the
global leader in door
opening solutions,
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