

# Declaration of Performance

ASSA ABLOY

No.: DoP-809N00.02

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

Electromechanical lock according to EN 14846:2008

Lock model 809N00 in all variants

## 2. Intended use/s:

Electromechanical lock 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/A

## 5. System/s of AVCP:

System 1 according to EN 14846:2008

## 6.a Harmonised standard:

Notified body	Harmonised standard	Certificate of Constancy of performance
MPA NRW, Marsbruchstraße 186; D-44287 Dortmund, identifier:0432	EN 14846:2008	0432-CPR-00007-35 (V02)

The product is covered by other EC-directives:

Document	Identification	Date
EU-Declaration of Conformity (ASSA ABLOY Sicherheitstechnik GmbH, Bildstock 20, D72458 Albstadt)	DoC-8X9NX.02	05.06.2020

## 6.b European Assessment Document:

N/A

## 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*) with door (mass 300 kg))
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	5.1.2 Note 1 Annex ZA.1	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	S	6	C	-	L	6	1	3		

Pos.	Essential characteristics	Class – Performance							
1	Category of use	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		test cycles			load on latch bolt [N]			
		S	200.000			50			
3	Door mass and closing force		door mass [kg]			closing force [N]			
		6	> 200 (≤ 300)			25			
4	Suitability for use on fire and smoke doors		use						
		C	suitable for use on smoke/fire door assemblies: with a classification time of 30 min						
5	Safety	0	No safety requirement						
6	Environmental conditions		corrosion resistance [h]		temperature [°C]		humidity		
	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	L	96		-25 to +70		Level 2		
7	Security (burglary resistance)	6	Very high security no drill resistance						
8	Security- electrical function	1	Status indicator according to 5.9 EN 14846:2008						
9	Security- electrical manipulation	3	Protection against effect of			Resistance to	Resistance to (EN 61000-4-2)		
			Voltage drop	Cutting cables	Wire manipulation	Electromagnetic manipulation	Electrostatic discharge	Electrostatic manipulation	
			yes	yes	yes	yes	Level 4	Level 4	

## 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 Zintgraf, Chief Technology Officer DACH

At Albstadt on 08.04.2020



ASSA ABLOY  
Sicherheitstechnik GmbH  
Bildstockstraße 20  
72458 Albstadt  
DEUTSCHLAND  
Tel. + 497431 123-0  
Fax + 497431 123-240  
[www.assaabloyopeningsolutions.de](http://www.assaabloyopeningsolutions.de)

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