Declaration of Performance

Nr.: DoP-920.02

ASSA ABLOY

1. Unique identification code of the product-type:

Electromechanical striking plate (Electric strike) according to DIN EN 14846:2008
Electric strike Modell 920 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:

Document	Identification	Date
EC-Declaration of Conformity (ASSA ABLOY Sicherheitstechnik GmbH, Bildstock 20, D72458 Albstadt)	DoC-920.01	11.01.2016

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		

Pos.	Ess. characteristics	Class-Performents
1	Application class	1 – For use by persons with large incentive for care 2 – For use by persons with some incentive for care 3 – For use by persons with less incentive for care
2	Lasting functionability and load of the keeper	A – 50.000 testing cycles, no load of the keeper B – 100.000 testing cycles, no load of the keeper C – 200.000 testing cycles, no load of the keeper F – 50.000 testing cycles, load of the keeper 10 N G – 100.000 testing cycles, load of the keeper 10 N H – 200.000 testing cycles, load of the keeper 10 N L – 100.000 testing cycles, load of the keeper 25 N M – 200.000 testing cycles, load of the keeper 25 N R – 100.000 testing cycles, load of the keeper 50 N S – 200.000 testing cycles, load of the keeper 50 N W – 100.000 testing cycles, load of the keeper 120 N X – 200.000 testing cycles, load of the keeper 120 N Y – 200.000 testing cycles, load of the keeper 250 N
3	Door weight and closing force	1 – ≤ 100 kg door weight, max 50 N closing force 2 – ≤ 200 kg door weight, max 50 N closing force 3 – > 200 kg defined by the manufacturer, max 50 N closing force 4 – ≤ 100 kg door weight, max 25 N closing force 5 – ≤ 200 kg door weight, max 25 N closing force 6 – > 200 kg defined by the manufacturer, max 50 N closing force 7 – ≤ 100 kg door weight, max 15 N closing force 8 – ≤ 200 kg door weight, max 15 N closing force 9 – > 200 kg defined by the manufacturer, max 50 N closing force
4	Suitability for use in smoke and fire doors	0 – Not intended for use on smoke/fire door assemblies A – Suitable for use on smoke 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 greater
5	Security (personal protection)	0 – No safety requirements

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

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

N.N

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

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Signed for and on behalf of the manufacturer by:

Stephan Fischbach, Managing Director

At Albstadt on 11.01.2016

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