

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

## Certificate of constancy of performance

### 0432-CPR-00007-04

Version 08

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

### Electronic door strikes ASSA ABLOY

Electromechanical locking plates for doors as detailed and classified in annex 2  
and with the intended use according to annex 3

placed on the market under the name or trade mark of

### ASSA ABLOY Sicherheitstechnik GmbH

Bildstockstr.20  
D - 72458 Albstadt

and produced in the manufacturing plant(s)

### see annex 1

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

### EN 14846:2008

under **system 1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

### constancy of performance of the construction product.

This certificate was first issued on 13.10.2015 and will remain valid until 06.10.2025 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 10.08.2022



By order

RBA T. Meinks

Deputy Head of Certification Body Department  
22.30.2

This Certificate consists of 1 page and 3 annexes.

This Certificate replaces the Certificate no. 0432-CPR-00007-04 dated 01.12.2021,  
Version 07.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

**Electromechanical locking plates (electric door strike) ASSA ABLOY****Manufacturing plant**

Product	Manufacturing plant
Electric strikes	ASSA ABLOY Sicherheitstechnik GmbH Werk Albstadt Bildstockstr. 20 D-72458 Albstadt DO 22.0

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Electromechanical door strikes according to DIN EN 14846

Description:

## Electromechanical locking plates (elektric door strike) ASSA ABLOY

### Model series 118 F (AC and DC operation)

Classification:

3	X	5	C	-	0	0	0	3
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Variants:

FaFix:	Adjustable and fixable electric door strike latch.
ProFix:	Integrated lock latch guide.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	universal (DIN L or DIN R applicable).
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.

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### Model series 118 F (AC and DC operation with monitoring contact)

Classification:

3	X	5	C	-	0	0	1	3
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
ProFix:	Integrated lock latch guide.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	universal (DIN L or DIN R applicable).
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.

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## Model series 131 (AC operation)

Classification:

3	X	6	C	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Doormass: 300 kg

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.
Solid latch:	no attachment useable.

## Model series 131 (AC operation with monitoring contact)

Klassifikation:

3	X	6	C	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Doormass: 300 kg

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.
Solid latch:	no attachment useable.

# Materialprüfungsamt Nordrhein-Westfalen

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## Model series 131 (DC operation)

Classification:

3	C	6	C	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Doormass: 300 kg

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.
Solid latch:	no attachment useable.

## Model series 131 (DC operation with monitoring contact)

Classification:

3	C	6	C	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Doormass: 300 kg

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages.
Solid latch:	no attachment useable.

**Model series 142****Model series 142 U (AC operation)**

The model series 142 U - "Security electric door strike in compact design" - includes the following variants:

Classification:

3	S	5	D	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left or DIN right usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.

**Model series 142 U (AC operation with monitoring contact)**

Classification:

3	S	5	D	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left or DIN right usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.

# Materialprüfungsamt Nordrhein-Westfalen

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## Model series 142 U (DC operation)

Classification:

3	C	5	D	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left or DIN right usable.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.

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## Model series 142 U (DC operation with monitoring contact)

Classification:

3	C	5	D	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN L and DIN R.
Attachment:	to adapt to different lock latches.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.

# Materialprüfungsamt Nordrhein-Westfalen

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## Model series 142 G (AC operation)

The model series 142 G - "Security electric door strike in compact design" - includes the following variants:

Classification:

3	S	5	D	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN left or DIN right.
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.
Special version:	Noise-reduced version

---

## Model series 142 G (AC operation with monitoring contact)

Classification:

3	S	5	D	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	Optional DIN left, DIN right or horizontal usable.
Operating voltage:	≤ 48V AC.
eE:	special coil with 100 % ED.
Model:	DIN left or DIN right.
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.
Special version:	Noise-reduced version

# Materialprüfungsamt Nordrhein-Westfalen

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## Model series 142 G (DC operation)

Classification:

3	C	5	D	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	normal or horizontal.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN left or DIN right.
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.
Special version:	Noise-reduced version

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## Model series 142 G (DC operation with monitoring contact)

Classification:

3	C	5	D	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
Mounting position:	normal or horizontal.
Operating voltage:	≤ 48V DC.
eE:	special coil with 100 % ED.
Model:	DIN L or DIN R.
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages (EMV).
Solid latch:	no attachment useable.
Special version:	Noise-reduced version

**Model series EX118R**

The model series EX118R were tested according Atex.

Classification:

3	C	5	C	0	0	0	1	0
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed <sup>(1)</sup>
FaFix:	Adjustable and fixable electric door strike latch
ProFix:	Integrated lock latch guide.
Mounting position:	normal or horizontal
Operating voltage:	≤ 15,6V DC <sup>(2)</sup>
Model:	universal (DIN L or DIN R applicable)
Attachment:	to adapt to different lock latches

(1) Monitoring contact evaluation only via switching repeater, R.Stahl type 9170/11-13-21s

(2) Electric strikes can only be used with power supply R.Stahl type 9143/10-156-160-20s or 9143/10-156-160-10s

The installation guide of ASSA ABLOY-Sicherheitstechnik for electric strike model EX118R must be observed.

## Subtype model series 142

Classification: AC operation

3	S	5	D	-	0	0	0	1
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Classification: DC operation

3	C	5	D	-	0	0	0	1
---	---	---	---	---	---	---	---	---

### Model series 142U140

The model series 142U140 - "Security electric door strike in compact design" - includes the following variants:

- ⇒ eE: special coil with 100 % ED.
- ⇒ Fix: Adjustable and fixable electric door strike.
- ⇒ Mounting position: normal, horizontal /universal
- ⇒ Operating voltage: ≤ 48 V DC/AC.
- ⇒ Model: DIN left.
- ⇒ Free-wheeling diode: to disposal of induced voltages (EMV).

### Model series 142U141

Like model series 142U140 but DIN right.

### Model series 142U142

Like model series 142U140 but with an additional monitoring contact operated by the latch bolt.

### Model series 142U143

Like model series 142U142 but DIN right.

### Model series 142U240

The model series 142U240 - "Security electric door strike in compact design with mechanical unlocking of the electric door strike latch " - includes the following variants:

- ⇒ eE: special coil with 100 % ED.
- ⇒ Fix: Adjustable and fixable electric door strike.
- ⇒ Mounting position: normal, horizontal /universal
- ⇒ Operating voltage: ≤ 48 V DC/AC.
- ⇒ Model: DIN left.
- ⇒ Free-wheeling diode: to disposal of induced voltages (EMV).

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## Model series 142U241

Like model series 142U240 but DIN right.

## Model series 142U242

Like model series 142U240 but with an additional monitoring contact operated by the latch bolt.

## Model series 142U243

Like model series 142U242 but DIN right.

## Model series 142U37#

The model series 142U37# - "Security electric door strike in compact design with mechanical unlocking of the electric door strike latch " - includes the following variants:

- ⇒ eE: special coil with 100 % ED.
- ⇒ Mounting position: normal and horizontal
- ⇒ Operating voltage  $\leq 48$  V DC/AC.

Cover 14.174 (special cover with bevel) in DIN left

Cover 14.175 (special cover with bevel) in DIN right

#= 0	Fix DIN left
#= 2	Fix RR DIN left
#= 4	Fix diode DIN left
#= 6	Fix RR diode DIN left
#= 1	Fix DIN right
#= 3	Fix RR DIN right
#= 5	Fix diode DIN right
#= 7	Fix RR diode DIN right

**Model series 142U47#**

The model series 142U47# - "Security electric door strike in compact design with mechanical unlocking of electric door strike latch " - includes the following variants:

- ⇒ eE: special coil with 100 % ED.
- ⇒ Mounting position: normal and horizontal
- ⇒ Operating voltage  $\leq 48$  V DC/AC.

Cover 34.1000 (special cover with bevel) in DIN left

Cover 14.273 (special cover with bevel) in DIN right

#= 0	Fix DIN left
#= 2	Fix RR DIN left
#= 4	Fix diode DIN left
#= 6	Fix RR diode DIN left
#= 1	Fix DIN right
#= 3	Fix RR DIN right
#= 5	Fix diode DIN right
#= 7	Fix RR diode DIN right

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

## Model series 143 (AC and DC operation)

Classification:

3	X	5	E	-	0	0	0	1
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Variants:

FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike, only with solid latch.
ProFix:	Integrated lock latch guide.
Mounting position:	normal or horizontal.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	Optional DIN left or DIN right. Electric door strike universal, interchangeable connections.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Attachment:	to adapt to different lock latches
Solid latch:	no attachment useable.

## Model series 143 (AC and DC operation with monitoring contact)

Classification:

3	X	5	E	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
Fix:	Adjustable and fixable electric door strike.
ProFix:	Integrated lock latch guide.
Mounting position:	normal and horizontal.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	Optional DIN left or DIN right. Electric door strike universal, interchangeable connections.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Attachment:	to adapt to different lock latches
Solid latch:	no attachment useable.

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## Model series 143 WSS (AC and DC operation)

Classification:

3	X	5	E	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
ProFix:	Integrated lock latch guide.
Mounting position:	normal or horizontal.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	Optional DIN left or DIN right. Electric door strike universal, interchangeable connections.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Attachment:	to adapt to different lock latches

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## Model series 143 WSS (AC and DC operation with monitoring contact)

Classification:

3	X	5	E	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
Fix:	Adjustable and fixable electric door strike.
ProFix:	Integrated lock latch guide.
Mounting position:	normal and horizontal.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	Optional DIN left or DIN right. Electric door strike universal, interchangeable connections.
Free-wheeling diode:	to disposal of induced voltages (EMV).
Attachment:	to adapt to different lock latches

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## Model series 740 (model 920 for Schweden) (AC and DC operation)

Classification:

3	X	9	E	-	0	0	0	1
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Doormass: 250 kg

Variants:

AK: armature contact shows that the electric door strike is locked  
(only Hi-O).

Mounting position: normal.

Operating voltage:  $\leq 24V$  DC/AC

Model: Optional DIN left or DIN right useable

## Model series 740 (model 920 for Schweden) (AC and DC operation with monitoring contact)

Classification:

3	X	9	E	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Doormass: 250 kg

Variants:

RR: monitoring contact shows that the door is closed.

AK: armature contact shows that the electric door strike is locked  
(only Hi-O).

Mounting position: normal.

Operating voltage:  $\leq 24V$  DC/AC

Model: Optional DIN left or DIN right useable

# Materialprüfungsamt Nordrhein-Westfalen

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## Model series 960 (AC and DC operation)

Classification:

3	Y	9	F <sup>1)</sup>	-	0	0	0	1
---	---	---	-----------------	---	---	---	---	---

Doormass: 250 kg

1) Suitable for use on fire doors with a classification time of max. 200 minutes

Variants:

AK: armature contact shows that the electric door strike is locked.

Mounting position: normal

Operating voltage: ≤ 24V DC/AC

Model: Optional DIN left or DIN right useable

## Model series 960 (AC and DC operation with monitoring contact)

Classification:

3	Y	9	F <sup>1)</sup>	-	0	0	1	1
---	---	---	-----------------	---	---	---	---	---

Doormass: 250 kg

2) Suitable for use on fire doors with a classification time of max. 200 minutes

Variants:

RR: monitoring contact shows that the door is closed.

AK: armature contact shows that the electric door strike is locked.

Mounting position: normal

Operating voltage: ≤ 24V DC/AC

Model: Optional DIN left or DIN right useable

**Model series 65xx (lock 609) linear electric door strike**

Classification:

3	M	5	C	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

Mounting position: normal.

Operating voltage: 12V DC

Model: Optional DIN left or DIN right useable

**Model series 65xx (lock 609) linear electric door strike (with monitoring contact)**

Classification:

3	M	5	C	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR: monitoring contact shows that the door is closed.

Mounting position: normal.

Operating voltage: 12V DC

Model: Optional DIN left or DIN right useable

**Model series 65Mxx (lock 629X) linear electric door strike for multipoint locking systems**

Classification:

3	M	5	C	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

Mounting position: normal.

Operating voltage: 12V DC

Model: Optional DIN left or DIN right useable

**Model series 65Mxx (lock 629X) linear electric door strike for multipoint locking systems (with monitoring contact)**

Classification:

3	M	5	C	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR: monitoring contact shows that the door is closed.

Mounting position: normal.

Operating voltage: 12V DC

Model: Optional DIN left or DIN right useable.

**Model series 118 S (AC and DC operation)**

Classification:

3	X	5	A	-	0	0	0	1
---	---	---	---	---	---	---	---	---

Variants:

FaFix:	Adjustable and fixable electric door strike latch.
ProFix:	Integrated lock latch guide.
Mounting position:	Optional DIN left, DIN right or horizontal useable.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	universal (DIN L or DIN R useable).
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages

---

**Model series 118 S (AC and DC operation with monitoring contact)**

Classification:

3	X	5	A	-	0	0	1	1
---	---	---	---	---	---	---	---	---

Variants:

RR:	monitoring contact shows that the door is closed.
FaFix:	Adjustable and fixable electric door strike latch.
ProFix:	Integrated lock latch guide.
Mounting position:	Optional DIN left, DIN right or horizontal useable.
Operating voltage:	≤ 48V DC/AC.
eE:	special coil with 100 % ED.
Model:	universal (DIN L or DIN R useable).
Attachment:	to adapt to different lock latches
Free-wheeling diode:	to disposal of induced voltages

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## Model series 992 (DC operation with monitoring contact)

Classification:

3	X	6	F	0	L	0	1	3
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Doormass: 300 kg

Variants:

RR: monitoring contact shows that the door is closed.

Mounting position: normal.

Operating voltage: 12V/24V DC

Model: universal (DIN L or DIN R useable).

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## Model series 990 (DC operation)

Classification:

3	Y	6	F	0	L	0	0	1
---	---	---	---	---	---	---	---	---

Doormass: 300 kg

Variants:

Mounting position: normal.

Operating voltage: 12V/24V DC

Model: universal (DIN L or DIN R useable).

## Intended use:

For use on fire- and/or smoke control doors

<i>Essential characteristics</i>	<i>Requirement clauses EN 14846:2008</i>	<i>Performance</i>
<i>Self-closing ability</i>	5.4 <i>Door mass and closing force Threshold according to table 2, Annex A</i>  <i>door mass</i>  <i>Schließkraft</i>	<i>passed, see classification key*</i> <i>*door mass determined and tested with 300 kg, unless stated otherwise</i>  <i>passed, see classification key</i>
<i>Durability of selfclosing action</i>	5.3.2 <i>Threshold according to table 6 Durability</i>	<i>passed, see classification key</i>
<i>Resistance to fire E (integrity) and I(insulation)</i> <i>(for use on fire doors on escape routes)</i>	5.5 <i>Threshold according to table 1, Annex B</i>	<i>passed, see classification key</i>