



Middle East Product Range

Our products, our competence



ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions



About us.

Whatever you want to secure,
protect, maintain - we have the
technology you require.





Arsenal Stadium, London



Court of Justice, Antwerpen



Emirates Towers, Dubai



Airport Zurich

Breaking new grounds, implementing new technologies, developing new ideas. Founded in 1936, the company effeff based in Albstadt became the market leader in the field of door control systems by following a consistent strategy. After starting the electric strike production in 1947, a comprehensive product range has been gradually developed, which enables effeff to offer suitable solutions for every door.

February 1st, 2000, effeff joined the ASSA ALBOY Group based in Stockholm, Sweden and merged at the beginning of 2005 with IKON GmbH Präzisionstechnik, Berlin who also belong to the group to become ASSA ABLOY Sicherheitstechnik GmbH.

IKON and effeff, both renowned and well-established brands within the market remain under ASSA ABLOY Sicherheitstechnik GmbH as do the production sites of Berlin and Albstadt and a sales office in Ratingen.

ASSA ABLOY is the leading manufacturer and supplier of mechanical and electro-mechanical locks and related products worldwide. Our customers benefit from the extensive know-how of the largest international group of companies, meeting every requirement in terms of total security and comfort throughout the world.

We assist you with words and deeds

Hotline Technical advice

+49 7431 123-381

Hotline Sales/order processing

+49 7431 123-700

The experts at ASSA ABLOY Sicherheitstechnik would be pleased to advise you which electric strike model is most suitable for your installation position.

Technical advice

In the matter of technical advice, with us you will be supported by professionals who will continue to help you on every question on technical details. Of course you can also be put into contact with specialists for questions of detail in the matter of technical risk assessment or key accounts.

Sales advice/order processing

With our commercial customer services you can deal with all questions to do with your purchase order, for example the status of the order processing, the delivery date, purchase order changes, but also returns or guarantee issues. Use this simple and quick option to get information or help from our specialists. We will do that with pleasure.

Trade fairs

You will find effeff at many national and international trade fairs. You can obtain the exact dates from our website www.assaabloy.de

Our product catalogue online at www.effeff.com

Fast and up-to-date comprehensive product information at any time

1 Clearly arranged layout according to our different product areas...

2 the submenu will help you navigate through our database...

3 to find the model you need.

4 By just clicking on the article, you can generate a detailed specification sheet.

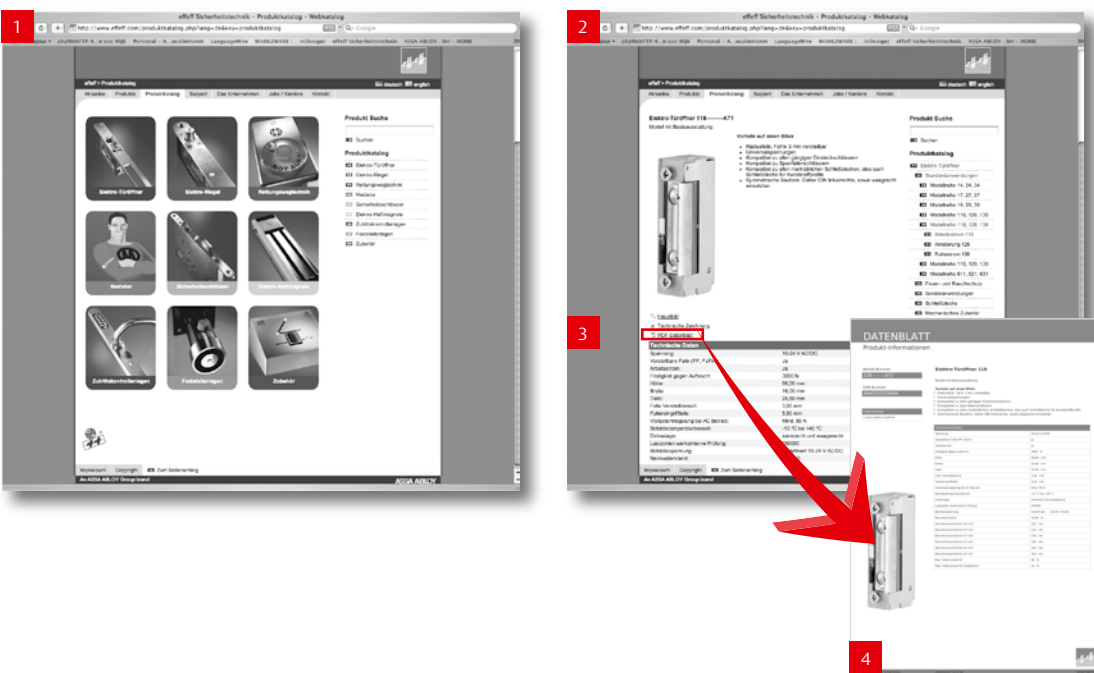
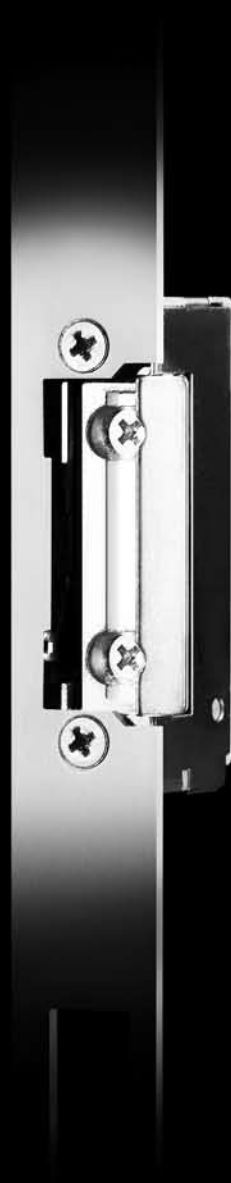


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Electric strikes

effeff door strikes offer a high degree of security and are easy to use. Our wide range fulfils all requirements and includes models for all types of installation.

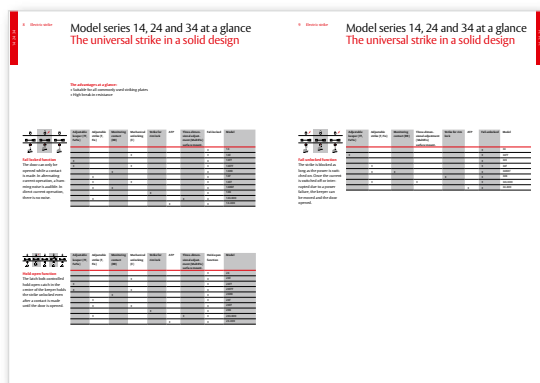
This applies worldwide as effeff products comply with both national and international regulations. effeff's convincing solutions for smoke protection doors, fire rated doors and doors in escape routes.

- European electric strikes
- ANSI electric strikes



ASSA ABLOY

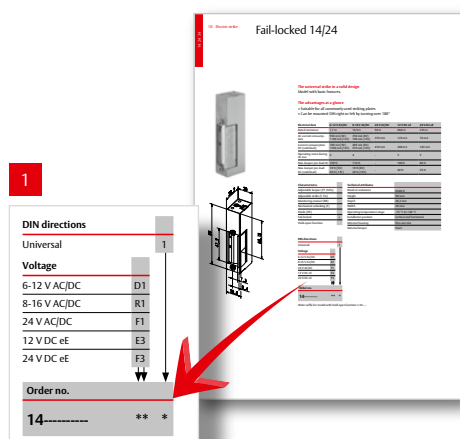
Clearly arranged layout – comprehensive Information!



All models at a glance!

All relevant information at a glance – giving you the overview of the individual electric strike models.

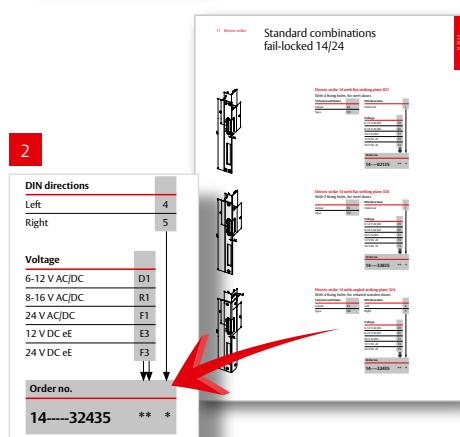
On a double page you will find here all three series and their characteristics.



Comprehensive in its detail!

For every individual model we have gathered together and clearly arranged comprehensive technical data and summaries.

- 1 By transferring e.g. the voltage indication you will be able to simply add the order number to your desired electric strike model. So ordering is quite simple.



Electric strike and striking plate – the perfect combination!

We suggest a choice of matching striking plates for each electric strike. No complicated matching of order numbers: for every standard combination the right order number is listed with it.

- 2 Here too the voltage indication and DIN direction just have to be transferred and your individual electric strike is ready for use.

Is your combination not there? No Problem!

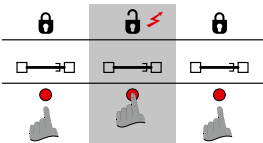
Further combinations are of course possible. Just have a word with us or look it up in our online Product Catalogue on www.effeff.com

Model series 17, 27 and 37 at a glance

Universal strike standard with FaFix (FF)

The advantages at a glance:

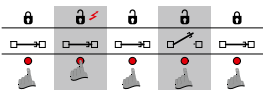
- Suitable for all commonly used striking plates
- Can be mounted DIN right or left by turning over 180°
- Symmetrical design



Fail locked function

The door can only be opened while a contact is made. In alternating current operation, a humming noise is audible. In direct current operation, there is no noise.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Mechanical unloking (E)	Diode (05)	Fail-locked	Model
•				•	17
•		•		•	17E
•	•			•	17RR
•	•	•		•	17RRE
•			•	•	1705
•	•		•	•	1705RR



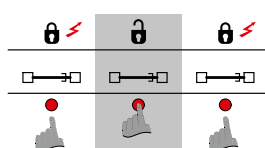
Hold-open function

The latch bolt-controlled hold-open catch in the centre of the keeper holds the strike unlocked even after a contact is made until the door is opened.

Adjustable keeper (FF, FaFix)	Mechanical unlocking (E)	Hold-open function	Model
•		•	27
•	•	•	27E
•		•	2705
•	•	•	2705E

Model series 17, 27 and 37 at a glance

Universal strike standard with FaFix (FF)

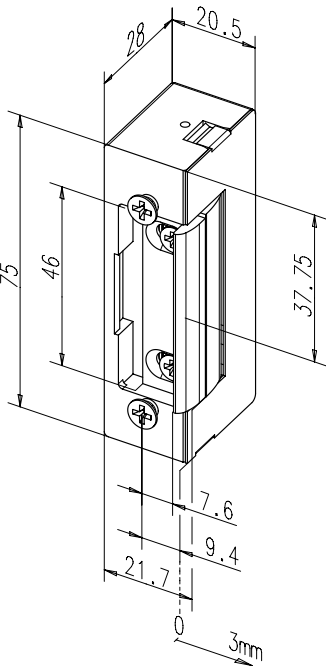


Fail-unlocked function

The strike is blocked as long as the power is switched on. Once the current is switched off or interrupted due to a power failure, the keeper can be moved and the door opened.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Diode (05)	Fail-unlocked	Model
•			•	37
•	•		•	37RR
•		•	•	3705
•	•	•	•	3705RR

Fail-locked 17/27



Universal strike standard with FaFix (FF)

Model with basic features.

The advantages at a glance

- Suitable for all commonly used striking plates
- Can be mounted DIN right or left by turning over 180°
- Symmetrical design

Electrical data	6-12 V AC/DC	8-16 V AC/DC	24 V AC/DC	12 V 100% ED	24 V 100% ED
Rated resistance	9,1 Ω	22 Ω	43 Ω	44 Ω	200 Ω
AC current consumption	550 mA (6V) 1100 mA (12V)	310 mA (8V) 470 mA (12V) 620 mA (16V)	400 mA	-	-
Current consumption DC (stabilised)	660 mA (6V) 1300 mA (12V)	360 mA (8V) 550 mA (12V) 730 mA (16V)	550 mA	270 mA	120 mA
Operating noise during AC use	5	4 (8V) 5 (12V) 5 (16V)	-	-	-
Max. keeper pre-load AC	80 N (6V) 150 N (12V)	60 N (8V) 150 N (12V) 150 N (16V)	-	-	-
Max. keeper pre-load DC (stabilised)	10 N (6V) 50 N (12V)	10 N	-	10 N	10 N

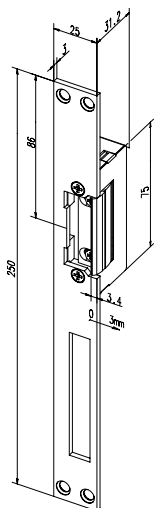
Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	Break-in resistance
Adjustable strike (F, Fix)	Height
Monitoring contact (RR)	Width
Mechanical unlocking (E)	Depth
Diode (05)	Operating temperature range
Fail-locked	Installation position
Hold-open function	Material housing
	Material keeper
	Material surface-mounted attachment

DIN directions	
Universal	1
Voltage	
6-12 V AC/DC	D1
8-16 V AC/DC	R1
24 V AC/DC	F1
12 V 100% ED	E4
24 V 100% ED	F4
Order no.	
17-----	** *

Order suffix for model with hold open function = 27 -...

Standard combinations

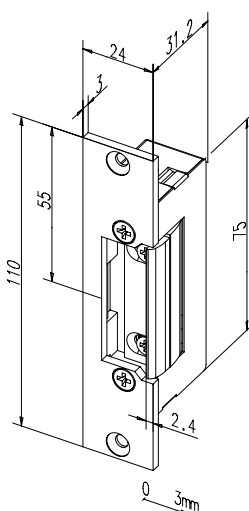
fail-locked 17/27



Electric strike 17 with flat striking plate 021

With 4 fixing holes, for steel doors

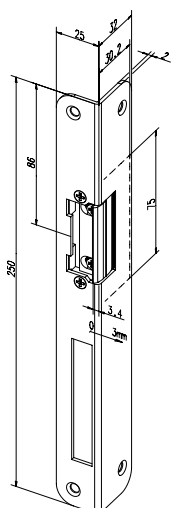
Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		6-12 V AC/DC	D1
		8-16 V AC/DC	R1
		24 V AC/DC	F1
		12 V 100% ED	E4
		24 V 100% ED	F4
		Order no.	
		17-----02135	** *



Electric strike 17 with short flat striking plate 106

With 2 fixing holes, for steel doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		6-12 V AC/DC	D1
		8-16 V AC/DC	R1
		24 V AC/DC	F1
		12 V 100% ED	E4
		24 V 100% ED	F4
		Order no.	
		17-----10635	** *

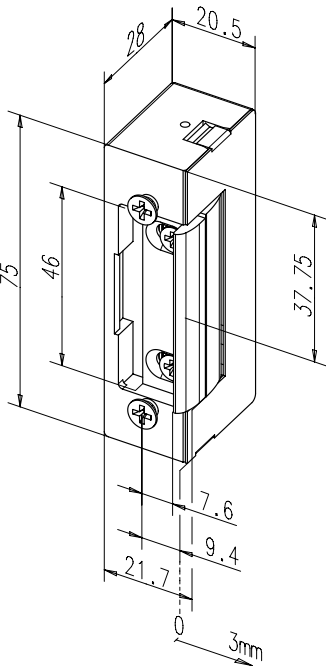


Electric strike 17 with angled striking plate 324

With 4 fixing holes, for rebated wooden doors

Technical attributes		DIN directions	
Colour	35	Left	4
Type	iW	Right	5
		Voltage	
		6-12 V AC/DC	D1
		8-16 V AC/DC	R1
		24 V AC/DC	F1
		12 V 100% ED	E4
		24 V 100% ED	F4
		Order no.	
		17-----32435	** *

Fail-unlocked 37



Universal strike standard with FaFix (FF)
Model with basic features.

The advantages at a glance

- Suitable for all commonly used striking plates
- Can be mounted DIN right or left by turning over 180°
- Symmetrical design

Electrical data	12 V DC	24 V DC
Rated resistance	44 Ω	200 Ω
Current consumption DC (stabilised)	270 mA	120 mA
Max. keeper pre-load DC (stabilised)	10 N	10 N

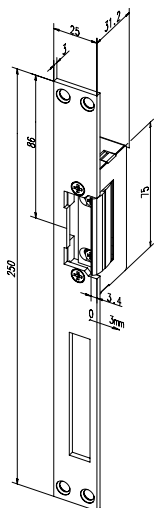
Characteristics	
Adjustable keeper (FF, FaFix)	•
Adjustable strike (F, Fix)	
Monitoring contact (RR)	
Diode (05)	
Fail-unlocked	•
Hold-open function	

DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9

Order no.
37----- ** *

Technical attributes	
Break-in resistance	3500 N
Height	75 mm
Width	20,5 mm
Depth	28 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Material housing	Die-cast zinc
Material keeper	Die-cast zinc
Material surface-mounted attachment	Die-cast zinc

Standard combinations fail-unlocked 37

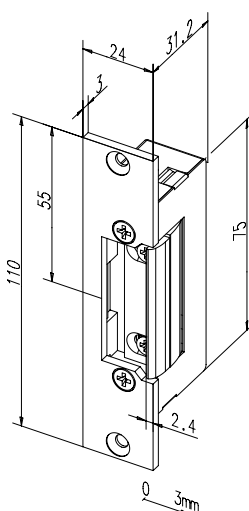


Electric strike 37 with flat striking plate 021

With 4 fixing holes, for steel doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
37-----02135	** *

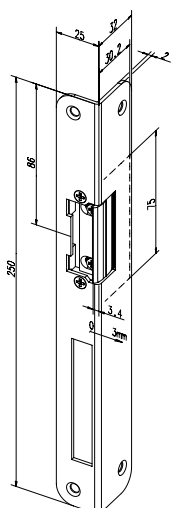


Electric strike 37 with short flat striking plate 106

With 2 fixing holes, for steel doors

Technical attributes	
Colour	35
Type	kl

DIN directions	
Universal	1
Voltage	
6-12 V AC/DC	D1
8-16 V AC/DC	R1
24 V AC/DC	F1
12 V 100% ED	E4
24 V 100% ED	F4
Order no.	
37-----10635	** *



Electric strike 37 with angled striking plate 324

With 4 fixing holes, for rebated wooden doors

Technical attributes	
Colour	35
Type	iW

DIN directions	
Left	4
Right	5
Voltage	
6-12 V AC/DC	D1
8-16 V AC/DC	R1
24 V AC/DC	F1
12 V 100% ED	E4
24 V 100% ED	F4
Order no.	
37-----32435	** *

Model series 118, 128 and 138 at a glance

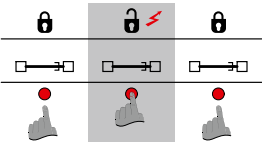
Standard electric strike 118, minimum fitting size - maximum effect

effeff standard electric strike 118

With the minimal size of 66 mm x 25,5 mm the electric strike 118 from effeff is the world wide smallest standard strike.

The advantages at a glance:

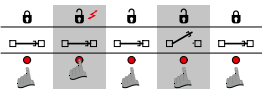
- Radius keeper, FaFix 3 mm adjustable
- Universal voltage
- Pluggable connecting cable available
- Compatible with all current mortise locks
- Compatible with all commercially available striking plates also striking plates for plastic profiles
- Extended time test over 250.000 cycles
- Symmetrical design. DIN left/right as well as horizontal applicable



Fail locked function

The door can only be opened while a contact is made. In alternating current operation, a humming noise is audible. In direct current operation, there is no noise.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Mechanical unlocking (E)	Diode (05)	Sliding ramp	Fail-locked	Model
•					•	118
•		•			•	118E
•	•				•	118RR
•			•		•	11805
•	•		•		•	11805RR



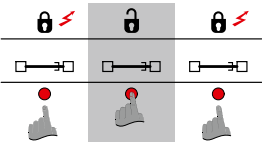
Hold-open function

The latch bolt-controlled hold-open catch in the centre of the keeper holds the strike unlocked even after a contact is made until the door is opened.

Adjustable keeper (FF, FaFix)	Mechanical unlocking (E)	Hold-open function	Model
•		•	128
•	•	•	128E

Model series 118, 128 and 138 at a glance

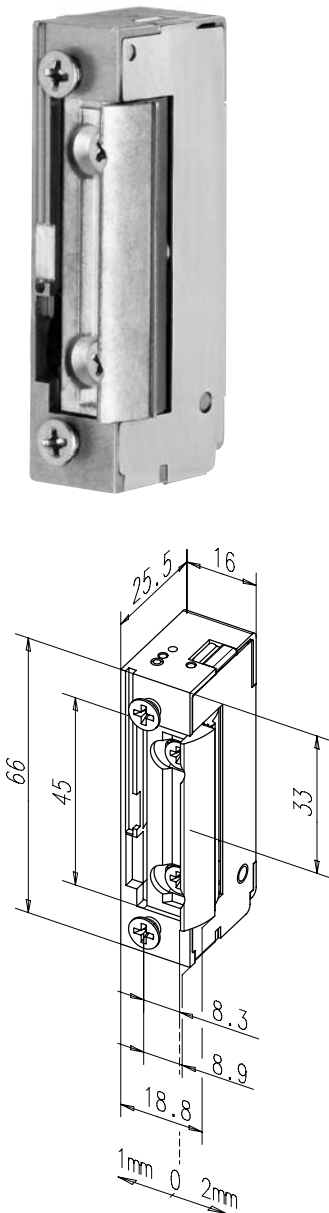
Standard electric strike 118, minimum fitting size - maximum effect



Fail-unlocked function
The strike is blocked as long as the power is switched on. Once the current is switched off or interrupted due to a power failure, the keeper can be moved and the door opened.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Diode (05)	Fail-unlocked	Model
•			•	138
•	•		•	138RR
•		•	•	13805
•	•	•	•	13805RR

Fail-locked 118/128



Minimum fitting size - maximum effect
effeff standard electric strike 118 with FaFix (FF)
Model with basic features.

The advantages at a glance

- Radius keeper, FaFix 3 mm adjustable
- Universal voltage
- Compatible with all current mortise locks
- Compatible with all commercially available striking plates also striking plates for plastic profiles
- Symmetrical design. DIN left/right as well as horizontal applicable

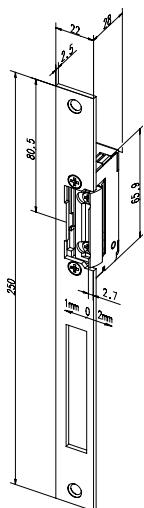
Electrical data	10-24 V AC/DC	22-42 V AC/DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA
Max. keeper pre-load AC	200 N (12V) 250 N (24V)	200 N
Max. keeper pre-load DC (stabilised)	50 N (12V) 200 N (24V)	50 N

Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	• Break-in resistance 3750 N
Adjustable strike (F, Fix)	Height 66 mm
Monitoring contact (RR)	Width 16 mm
Mechanical unlocking (E)	Depth 25,5 mm
Diode (05)	Operating temperature range -15 °C to +40 °C
Fail-locked	• Installation position vertical and horizontal
Hold-open function	Material housing Die-cast zinc
	Material keeper Die-cast zinc
	Fafix regulating range 3 mm
	Latch bolt engaging depth 5,5 mm
	Internal works continuous function load cycles 250000

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118-----	** *

Order suffix for model with hold open function = 128 -...

Standard combinations fail-locked 118/128

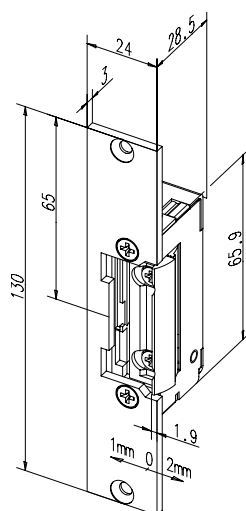


Electric strike 118 with flat striking plate 434

With 2 fixing holes, for steel doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118----	43435 ** *

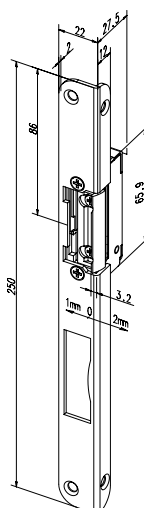


Electric strike 118 with short flat striking plate 096

With 2 fixing holes, for steel doors without dead bolt

Technical attributes	
Colour	35
Type	kl

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118----	09635 ** *



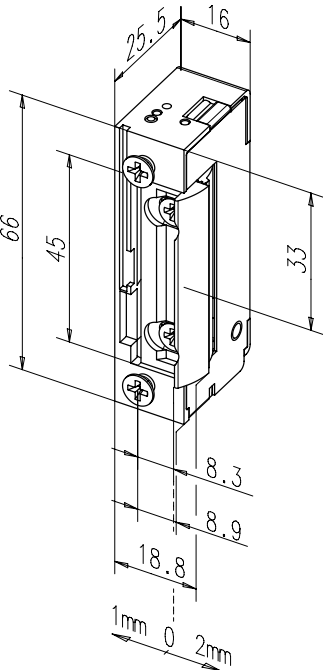
Electric strike 118 with angled striking plate 513

With 4 fixing holes, for rebated wooden doors

Technical attributes	
Colour	35
Type	iW

DIN directions	
Left	4
Right	5
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118----	51335 ** *

Fail-unlocked 138



Minimum fitting size - maximum effect
effeff standard electric strike 138 with FaFix (FF)
Model with basic features.

The advantages at a glance

- Radius keeper, FaFix 3 mm adjustable
- Universal voltage
- Compatible with all current mortise locks
- Compatible with all commercially available striking plates also striking plates for plastic profiles
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	12 V DC	24 V DC
Rated resistance	51 Ω	160 Ω
Current consumption DC (stabilised)	235 mA	150 mA
Max. keeper pre-load DC (stabilised)	30 N	30 N

Characteristics	
Adjustable keeper (FF, FaFix)	•
Adjustable strike (F, Fix)	
Monitoring contact (RR)	
Diode (05)	
Fail-unlocked	•
Hold-open function	

DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9

Order no.
138----- ** *

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Material housing	Die-cast zinc
Material keeper	Die-cast zinc
Fafix regulating range	3 mm
Latch bolt engaging depth	5,5 mm
Internal works continuous function load cycles	250000

Model series 118, 128 and 138 ProFix 2 at a glance

Standard-electric strike ProFix 2

effeff-standard-electric strike 118 ProFix 2

With its dimensions of 66 mm x 20,1 mm x 25.5 mm, effeff door strike 118 is the smallest ProFix 2 electric strike in the world.

Model 118 is an all purpose electric strike. Its compact design enables it not only to open release doors, but also new potentials. There is also no need for you to go without standard extras such as a feedback signal contact, a hold-open function, an actuating lever and a diode. Both fail secure and fail safe modes of operation are available.

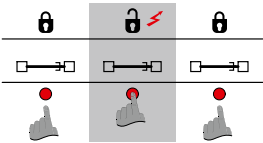
The voltage range makes it easy for you to choose the voltage, thus also reducing warehousing space.

The optional plug-in connection cable means connecting up is child's play and fitting thus takes even less time.

The advantages at a glance:

- Universal voltage
- Pluggable connecting cable available
- Symmetrical design. DIN left/right as well as horizontal applicable
- Optimum sliding ramp for a soft interplay with latch bolt
- Compatible to current ProFix 2 striking plates
- Usable from a x-dimension to 4 mm

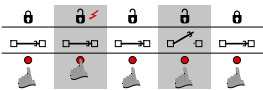
What is ProFix?
Please see chapter „Technical Explanations“



Fail locked function

The door can only be opened while a contact is made. In alternating current operation, a humming noise is audible. In direct current operation, there is no noise.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Mechanical unloking (E)	Diode (05)	Fail-locked	Model
•				•	118.13
•		•		•	118E.13
•	•			•	118.23
•	•	•		•	118E.23
•			•	•	118.53
•		•	•	•	118E.53
•	•		•	•	118.63



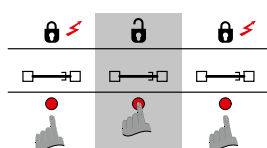
Hold-open function

The latch bolt-controlled hold-open catch in the centre of the keeper holds the strike unlocked even after a contact is made until the door is opened.

Adjustable keeper (FF, FaFix)	Mechanical unloking (E)	Hold-open function	Model
•		•	128.13
•	•	•	128E.13

Model series 118, 128 and 138 ProFix 2 at a glance

Standard-electric strike ProFix 2

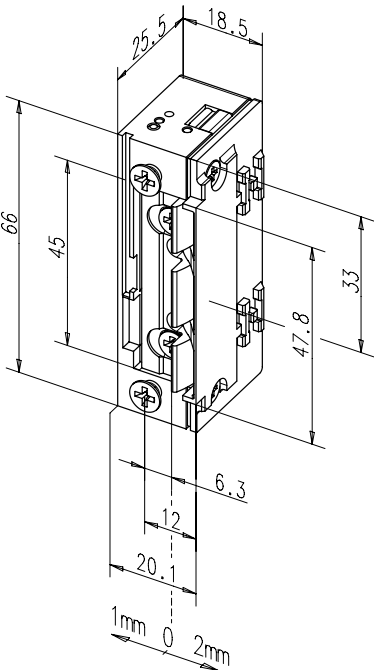


Fail-unlocked function

The strike is blocked as long as the power is switched on. Once the current is switched off or interrupted due to a power failure, the keeper can be moved and the door opened.

Adjustable keeper (FF, FaFix)	Monitoring contact (RR)	Diode (05)	Fail-unlocked	Model
•			•	138.13
•	•		•	138.23
•		•	•	138.53
•	•	•	•	138.63

Fail-locked 118.13/128.13 ProFix 2



Minimum fitting size - maximum effect
effeff-standard-electric strike 118 ProFix 2 with FaFix (FF)

Model with basic features.

The advantages at a glance

- Compatible with all current mortise locks
- Symmetrical design. DIN left/right as well as horizontal applicable
- Optimum sliding ramp for a soft interplay with latch bolt
- Compatible to current ProFix 2 striking plates
- Usable from a x-dimension to 4 mm
- 3 mm adjustable keeper (FaFix)

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA
Max. keeper pre-load AC	200 N (12V) 250 N (24V)	200 N
Max. keeper pre-load DC (stabilised)	50 N (12V) 200 N (24V)	50 N

Characteristics	
Adjustable keeper (FF, FaFix)	•
Adjustable strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Diode (05)	
Fail-locked	•
Hold-open function	

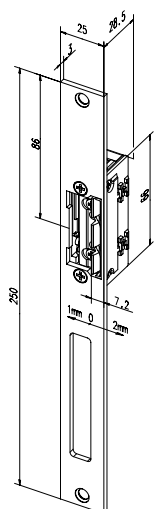
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Fafix regulating range	3 mm
Latch bolt engaging depth	5,5 mm
Internal works continuous function load cycles	250000

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118.13-----	** *

Order suffix for model with hold open function = 128.13 -...

Standard combinations

fail-locked 118.13/128.13 ProFix 2

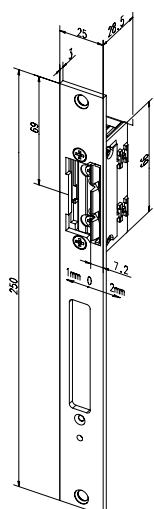


Electric strike 118.13 with flat striking plate 55A

With 2 fixing holes, for PVC and aluminium doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118.13-55A35	** *

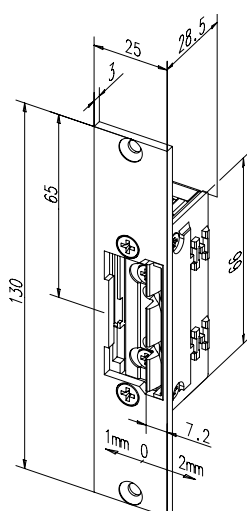


Electric strike 118.13 with flat striking plate 712 pre-equipped for bolt switching contact model 878

With 2 fixing holes, for PVC and aluminium doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118.13-71235	** *



Electric strike 118.13 with short flat striking plate 688

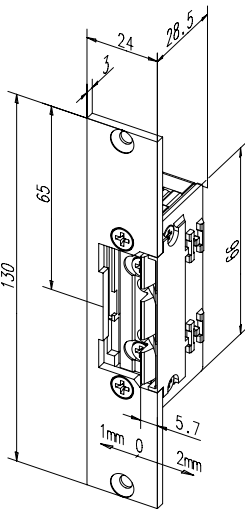
With 2 fixing holes, for PVC and aluminium doors without dead bolt

Technical attributes	
Colour	35
Type	kF

DIN directions	
Universal	1
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7
Order no.	
118.13-68835	** *

Standard combinations

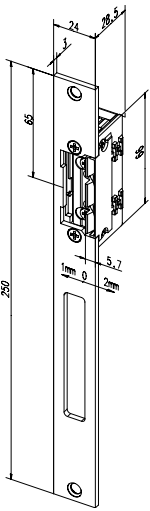
fail-locked 118.13/128.13 ProFix 2



Electric strike 118.13 with short flat striking plate 689

With 2 fixing holes, for steel doors without dead bolt

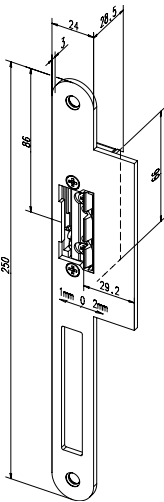
Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
			↓ ↓
Order no.			
118.13-68935		**	*



Electric strike 118.13 with flat striking plate 690

With 2 fixing holes, for steel doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
			↓ ↓
Order no.			
118.13-69035		**	*



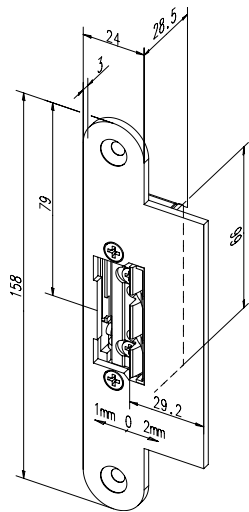
Electric strike 118.13 with flanged striking plate

With 2 fixing holes, for flush wooden doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	Lap		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
			↓ ↓
Order no.			
118.13-52A35		**	*

Standard combinations

fail-locked 118.13/128.13 ProFix 2

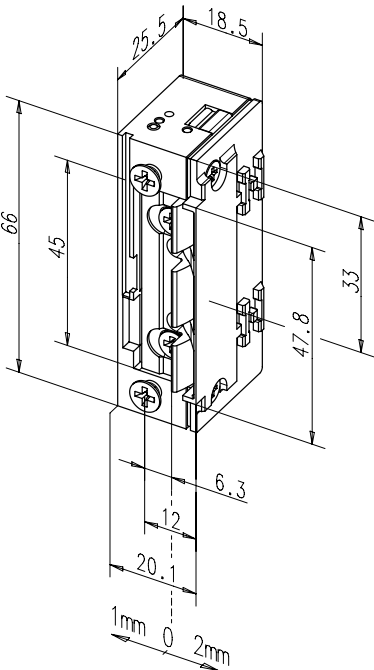


Electric strike 118.13 with short flanged striking plate 53A

With 2 fixing holes, for flush wooden doors without dead bolt

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
		Order no.	
		118.13-53A35	** *

Fail-unlocked 138.13 ProFix 2



Minimum fitting size - maximum effect
effeff standard electric strike 138 ProFix 2 with FaFix (FF)

Model with basic features.

The advantages at a glance

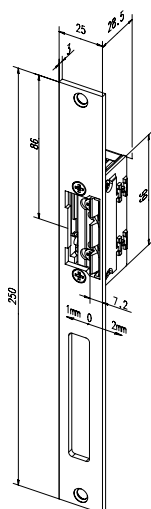
- Compatible with all current mortise locks
- Symmetrical design. DIN left/right as well as horizontal applicable
- Optimum sliding ramp for a soft interplay with latch bolt
- Compatible to current ProFix 2 striking plates
- Usable from a x-dimension to 4 mm
- 3 mm adjustable keeper (FaFix)

Electrical data	12 V DC	24 V DC
Rated resistance	51 Ω	160 Ω
Current consumption DC (stabilised)	235 mA	150 mA
Max. keeper pre-load DC (stabilised)	30 N	30 N

Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	Break-in resistance 3750 N
Adjustable strike (F, Fix)	Height 66 mm
Monitoring contact (RR)	Width 20,1 mm
Diode (05)	Depth 25,5 mm
Fail-unlocked	Operating temperature range -15 °C to +40 °C
Hold-open function	Installation position vertical and horizontal
	Fafix regulating range 3 mm
	Latch bolt engaging depth 5,5 mm
	Continuous function load cycles 250000
DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
138.13-----	** *

Standard combinations

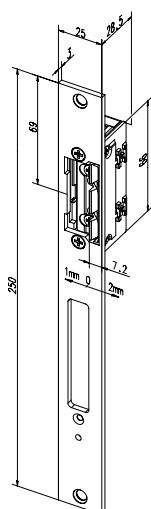
fail-unlocked 138.13 ProFix 2



Electric strike 138.13 with flat striking plate 55A

With 2 fixing holes, for PVC and aluminium doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
		Order no.	
		138.13-55A35	** *

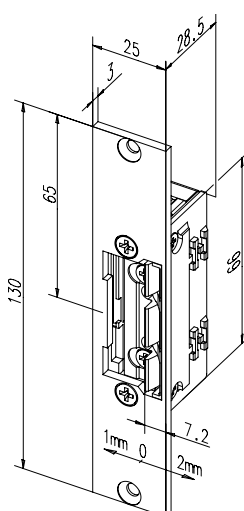


Electric strike 138.13 with flat striking plate 712

pre-equipped for bolt switching contact model 878

With 2 fixing holes, for PVC and aluminium doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		12 V DC	E9
		24 V DC	F9
		Order no.	
		138.13-71235	** *



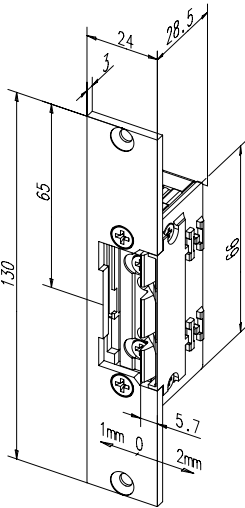
Electric strike 138.13 with short flat striking plate 688

With 2 fixing holes, for PVC and aluminium doors without dead bolt

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kF		
		Voltage	
		12 V DC	E9
		24 V DC	F9
		Order no.	
		138.13-68835	** *

Standard combinations

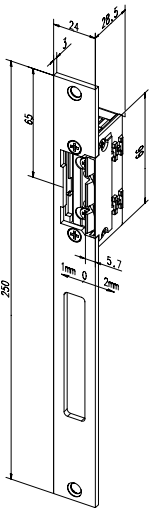
fail-unlocked 138.13 ProFix 2



Electric strike 138.13 with short flat striking plate 689

With 2 fixing holes, for steel doors without dead bolt

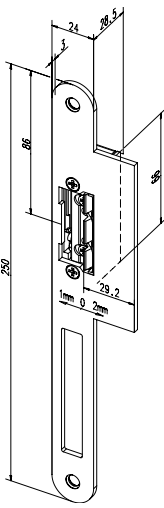
Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		12 V DC	E9
		24 V DC	F9
			↓ ↓
Order no.			
138.13-68935		**	*



Electric strike 138.13 with flat striking plate 690

With 2 fixing holes, for steel doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		12 V DC	E9
		24 V DC	F9
			↓ ↓
Order no.			
138.13-69035		**	*



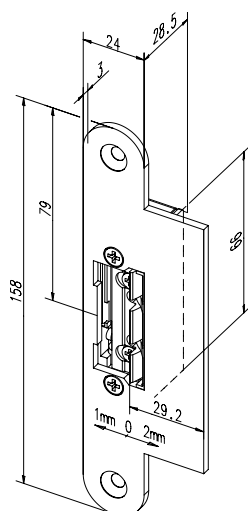
Electric strike 138.13 with flanged striking plate 52A

With 2 fixing holes, for flush wooden doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	Lap		
		Voltage	
		10-24 V AC/DC	A7
		22-42 V AC/DC	B7
			↓ ↓
Order no.			
138.13-52A35		**	*

Standard combinations

fail-unlocked 138.13 ProFix 2



Electric strike 138.13 with short flanged striking plate 53A

With 2 fixing holes, for flush wooden doors without dead bolt

Technical attributes

Colour	35
Type	kl

DIN directions

Universal	1
-----------	---

Voltage

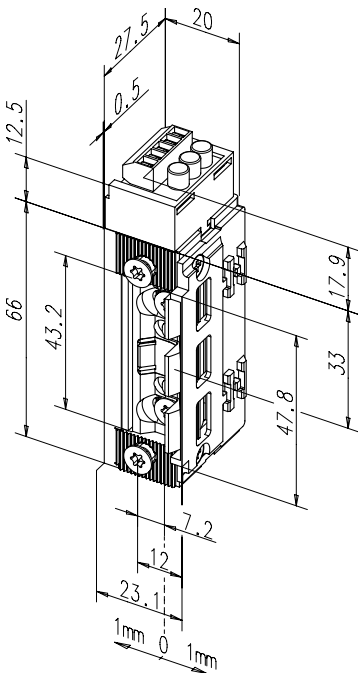
10-24 V AC/DC	A7
22-42 V AC/DC	B7

Order no.

138.13-53A35	**	*
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Fire rated elektrik strike

Fail-locked 143.13 ProFix 2



Security electric strike for fire doors

effeff security electric strikes 143 are tested and approved locking components for fire protection doors. Electric strike 143 is a newly developed product which offers a range of possibilities with its different features.

The advantages at a glance

- New connection technology, can be replugged
- 12-24 V voltage range for AC and DC operation
- FaFix and Fix combined
- Radius latch
- Optionally available with fixed latch
- All models can be fitted as required (right-hand/left-hand/horizontally)
- Integrated surge arrester
- Compatible with previous 142 model series

Electrical data	12/24 V AC/DC
Nominal operating voltage	± 1 V (12 V) or ± 2 V (24 V)
Rated resistance	High impedance
Max. starting current consumption AC/DC (for approx. 10 msec.)	350 mA
Nominal current - continuous operation (100 °CD)	150 N

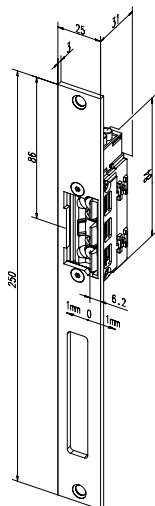
Characteristics	Technical attributes
Changeable connection	Intrusion resistance: FaFix
Adjustable keeper (FF, FaFix)	Material: Housing/latch bolt/surface-mounted attachment
Adjustable strike (F, Fix)	Fix adjustment
Monitoring contact (RR)	FaFix adjustment range (0.5 mm spacing)
Mechanical unlocking (E)	Depth of latch bolt engagement
Diode (05)	Installation dimensions
Fail-locked	Operating temperature range
	Installation – irrespective of position
	Preload unlocking max.
	Switching capacity – monitoring contact
	Free-running diode
	Suitable for fire protection
	Number of cycles in cycle test
	Number of cycle in factory-based cycle test

DIN directions	
Left	4
Right	5

Voltage	
12/24 V AC/DC	Q1

Order no.	
143.13-----	** *

Fire rated standard combinations fail-locked 143.13 ProFix 2



Electric strike 143.13 with flat striking plate 55A

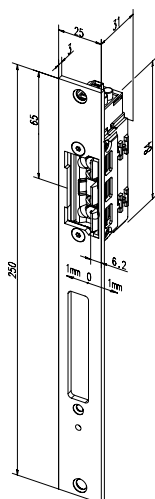
With 2 fixing holes, for PVC and aluminium doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1

Voltage	
12/24 V AC/DC	Q1

Order no.	
143.13-55A35	** *



Electric strike 143.13 with flat striking plate 712 pre-equipped for bolt switching contact model 878

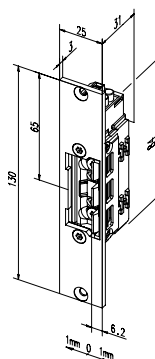
With 2 fixing holes, for PVC and aluminium doors

Technical attributes	
Colour	35
Type	HZ

DIN directions	
Universal	1

Voltage	
12/24 V AC/DC	Q1

Order no.	
143.13-71235	** *



Electric strike 143.13 with short flat striking plate 688

With 2 fixing holes, for PVC and aluminium doors without dead bolt

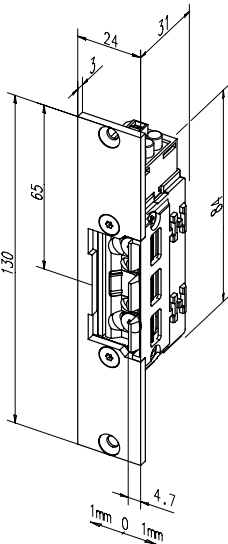
Technical attributes	
Colour	35
Type	kF

DIN directions	
Universal	1

Voltage	
12/24 V AC/DC	Q1

Order no.	
143.13-68835	** *

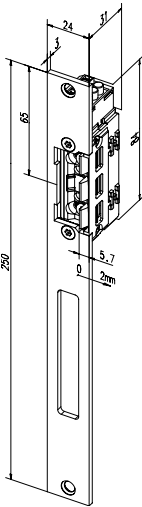
Fire rated standard combinations fail-locked 143.13 ProFix 2



Electric strike 143.13 with short flat striking plate 689

With 2 fixing holes, for steel doors without dead bolt

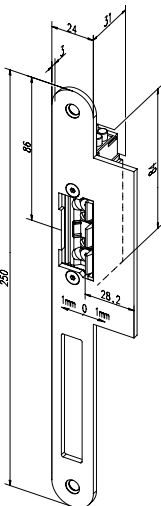
Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		12/24 V AC/DC	Q1
		Order no.	
		143.13-68935	** *



Electric strike 143.13 with flat striking plate 690

With 2 fixing holes, for steel doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	HZ		
		Voltage	
		12/24 V AC/DC	Q1
		Order no.	
		143.13-69035	** *

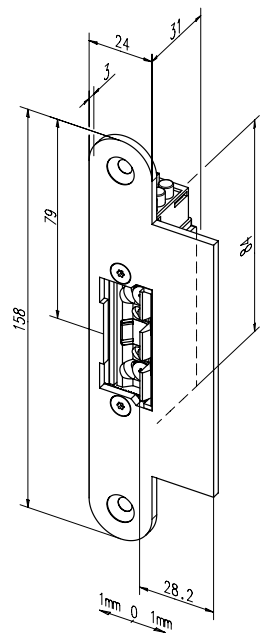


Electric strike 143.13 with flanged striking plate 52A

With 2 fixing holes, for flush wooden doors

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	Lap		
		Voltage	
		12/24 V AC/DC	Q1
		Order no.	
		143.13-52A35	** *

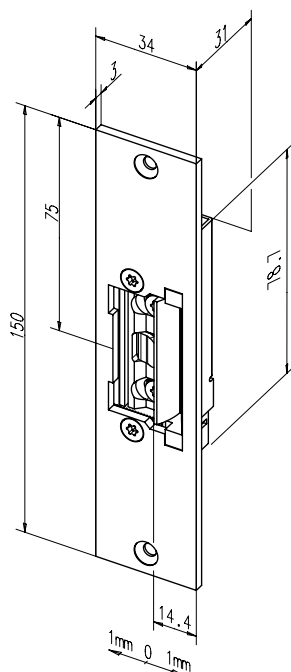
Fire rated Standard combinations fail-locked 143.13 ProFix 2



Electric strike 143.13 with short flanged striking plate 53A
With 2 fixing holes, for flush wooden doors without dead bolt

Technical attributes		DIN directions	
Colour	35	Universal	1
Type	kl		
		Voltage	
		12/24 V AC/DC	Q1
			↓ ↓ ↓
Order no.			
143.13-53A35		**	*

Escape door electric strike 332.208 ProFix 2



Escape door electric strike model 332.208

Especially developed to lock doors in escape routes.

The compact design of the new effeff exit door strike 332, successor of the effeff model 331, is comparable with a commercially available standard striking plates and can be fitted quickly and easily in various profiles and frames. With its compact installation dimensions of 77.6 x 20 x 28 mm, this particular electric strike is considered as the smallest escape door electric strike for escape route doors in the world.

A further advantage is the secure and reliable unlocking procedure under a preload of up to 3.000 N with a holding power of 100% in the event of a power failure. Due to its symmetrical design, the electric strike is suitable for DIN left, DIN right or horizontal installation.

The advantages at a glance

- Radius latch
- Compact symmetrical design
- Min. 2000 N, max. 3000 N holding power according to prEN13633 and prEN 13637
- Unlocking under preload with 100% holding power
- Monitoring contact as microswitch and armature contact as light barrier
- Suitable for DL/DR and horizontal installation
- Adjustable FaFix latch bolt: 4 mm adjustment range in 0.5 mm stage

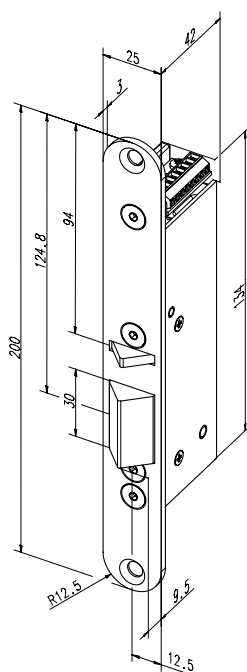
Electrical data	12 V DC	24 V DC
Rated resistance	63 Ω	260 Ω
Current consumption DC (stabilised)	190 mA	95 mA

Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	• Break-in resistance 3000 N
Adjustable strike (F, Fix)	• Height 150 mm
Monitoring contact (RR)	• Width 34 mm
Mechanical unlocking (E)	• Depth 31 mm
Diode (05)	• Operating temperature range -15 °C to +40 °C
Fail-locked	• Installation position vertical and horizontal
Fail-unlocked	• Material housing Steel
Hold-open function	• Material keeper Steel
	Continuous function load cycles 200000

DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
332.20852235	** *

Fail-unlocked 351U80

UL 1034 Grade 2



Strike for swing doors model 351U80

Model with basic features.

The advantages at a glance

- The locking prism is held in the locking position by means of spring power. When closing the door, the prism latches into the striking plate.
- Application of current to the stroke arrests the prism and the door is locked.
- In models with integrated door contact, activation of the locking function can be restricted to the "Door shut" status, controlled via the door contact.
- The integrated armature contact (25V/I A) can be used for electronic monitoring of the locking status.
- System requirement: Swing door closer with adjustable closing power and closing speed for reliable positioning of the door leaf in the ready-to-lock status.
- Keep pre-load max.: 5.000 N
- Break-in resistance: 5.000 N
- Mounting distance between face plate and striking plate 3 mm (min. 2 mm, max. 4.5 mm)
- 4 Adhesive spacers
- Certified for Exit doors

Electrical data	12 V fail safe	24 V fail safe
Current on DC	320 mA	160 mA

Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	Break-in resistance
Adjustable strike (F, Fix)	Height
Monitoring contact (RR)	Depth
Mechanical unlocking (E)	Width
Diode (05)	Suitable for escape doors
Fail-locked	Suitable for fire rated doors
Hold-open function	

DIN directions

Universal

Voltage

12 V DC

24 V DC

Order no.

351U80-58135 ** *

Glass door electric strike

Fail-unlocked 934U

Special electric strikes



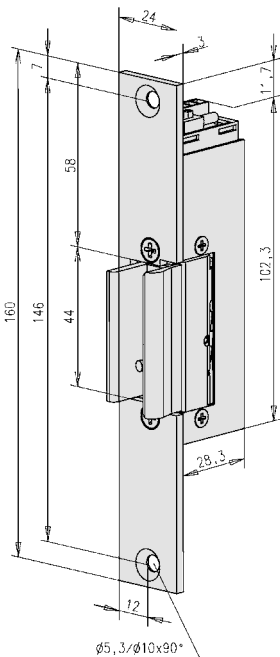
Glass door electric strike model 934U-09

Changeover between the 12 and 24 V voltage range using a sliding switch: Easy, safe voltage selection is assured. Integrated TVS diode provides surge protection for direct and alternating currents. This single model means there is no longer a need to decide at the planning stages whether the system should be 12 or 24 volts, DC or AC current, and with or without diode as the electric strike covers all these options.

The advantages at a glance

- Vertical and horizontal mounting possible
- DIN left and right usable
- With 12/24 V changeover switch including TVS diode (e.g. to combine with access control systems)

Electrical data	12 V DC	24 V DC
Rated resistance	57,5 Ω	230 Ω
Current consumption DC (stabilised)	210 mA	105 mA
Max. keeper pre-load DC (stabilised)	10 N	10 N



Characteristics	Technical attributes
Adjustable keeper (FF, FaFix)	• Break-in resistance 3700 N
Adjustable strike (F, Fix)	Height 160 mm
Monitoring contact (RR)	Width 24 mm
Mechanical unlocking (E)	Depth 31,3 mm
Diode (05)	• Operating temperature range -15 °C to +40 °C
Fail-locked	Installation position vertical and horizontal
Hold-open function	Material housing Die-cast zinc
Fail-unlocked	• Material keeper Brass

DIN directions	
Universal	1
Voltage	
12/24 V DC	Q9
Order no.	
934U-0940335	** *

Fail-unlocked 9334VGL9

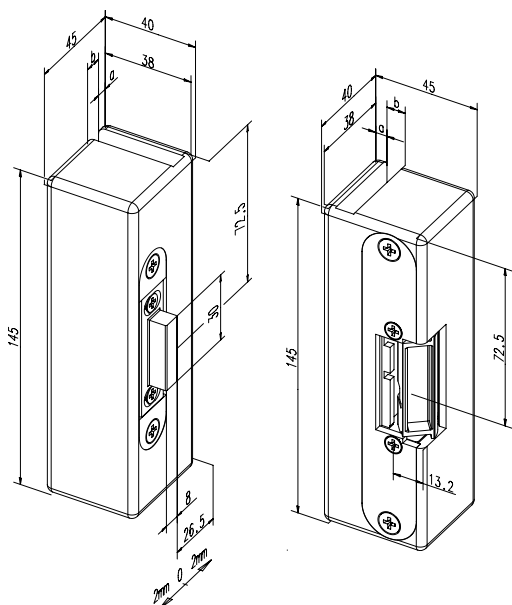


Strikes for full glass doors

Compact, functional design, modern environment-neutral design in aluminium. Surface of the counter plate with 6 mm adjustment facility. In full glass doors, particularly those with additional fanlight and glass side panels, the particular benefits of this strike are brought to bear: Trouble-free mounting as well as a compact and outstandingly functional design. No complex mounting fixtures required for installation - simply glue on (special adhesive is provided with each strike). The aluminium masonry box is available for two strike types: fail locked and fail unlocked configurations. Modern, environment-neutral design of the strike set, which consists of the strike itself and an identically dimensioned mating component.

The advantages at a glance

- Model with basic features
- Special glue included



Electrical data	12 V DC	24 V DC
Rated operating voltage tolerance range	± 1 V	± 2 V
Rated resistance	62 Ω	200 Ω
DC current consumption (50% Residual ripple)	185 mA	115
Current consumption DC (stabilised)	195 mA	120
Operating noise during DC use	0	0
Max. keeper pre-load DC (50% residual ripple)	10 N	10 N

Characteristics	
Adjustable keeper (FF, FaFix)	
Adjustable strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Diode (05)	
Fail-locked	
Fail-unlocked	•
Hold-open function	

Technical attributes	
Break-in resistance	6500 N
Height	145 mm
Width	45 mm
Depth	13 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Glas door thickness	9 mm

DIN directions	
Universal	1
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
9334VGL9----	** *

ANSI World Strike 77 Series for Cylindrical Mortise Locks

No cut out any more !

Special electric strikes - ANSI

Quick and easy to install!
No cut out any more!

- Fast and easy, saves time and money.
- Simply replace the standard mechanical plate with the world strike.
- No cutting or drilling of frame required.
- Designed for heavy-duty and standard applications.



Features

- Horizontal Adjustment
- Vertical Adjustment
- UL pending
- Grade 1 & 3
- Fire rated pending
- World 1st in Design
- No cutting of frame
- Easy installation
- Fail safe / Fail secure
- Various voltages
- Patented design
- Up to 1,500,000 cycles factory tested
- Stainless steel face plate
- Plates for metal and wooden frames
- Non handed

Optional

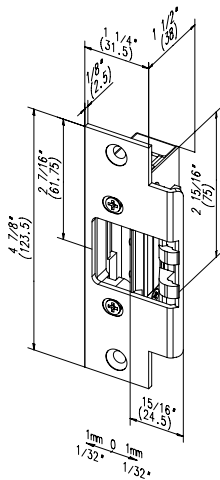
- Field selectable
- Monitoring
- Symmetrical

Application Cylindrical

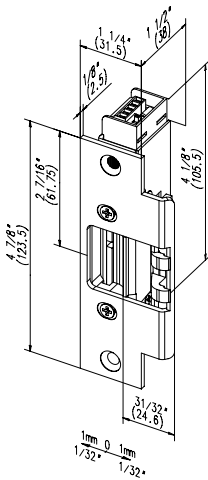
- Works with all major cylindrical locks

77V17 Series

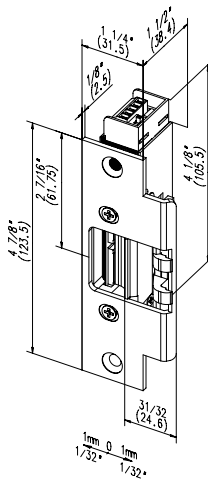
Function	Grade	Feature	Face Plate	Finish	Voltage	Amps
77V17 (fail secure)	3	-- (no monitoring)	27A (short)	35 (Stainless Steel)	E41 (12V DC; fail secure)	.27
		RR (with monitoring)			F41 (24V DC; fail secure)	.12
77V37 (fail safe)	3	-- (no monitoring)	27A (short)	35 (Stainless Steel)	E91 (12V DC; fail safe)	.235
		RR (with monitoring)			F91 (24V DC; fail safe)	.150
77V54U Series (fail secure / fail safe)	1	- (no monitoring)	27A (short)	35 (Stainless Steel)	Q31 (12/24V AC/DC)	.210 (12V)
		R (with monitoring)				.105 (24V)
77V142 Series (fail secure / fire rated)	1	F (no monitoring)	27A (short)	35 (Stainless Steel)	Q34 (12/24V AC/DC)	.210 (12V)
		R (with monitoring)				.105 (24V)



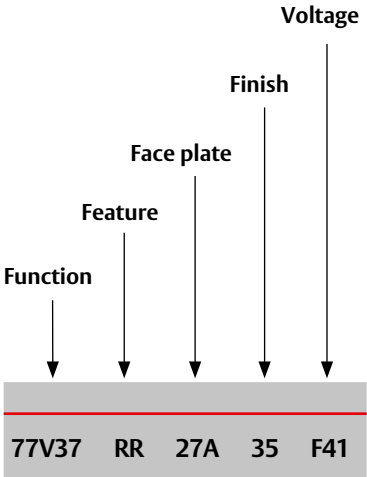
CE 77V17 Series
Grade 3



CE 77V54U
Grade 1



CE 77V142
Grade 1

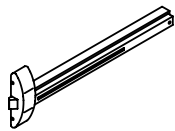


i.E.
You need 77V37 series, fail safe,
monitored and 24V DC.

ANSI Crash bar electric strike

Fail-locked 76-45

UL 1034 Grade 2



Type of lock released

Model 76-45

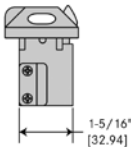
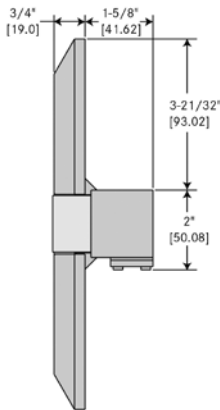
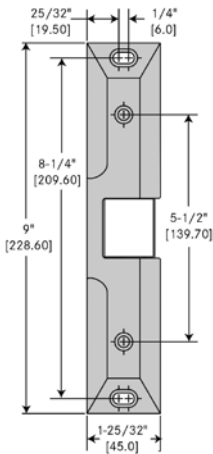
Designed for rim or surface mounted exit devices in wood or metal frames. Accommodates all Pullman type latches with up to a 3/4" throw. Offers horizontal adjustment for proper alignment.

Features

- BHMA Grade 2
- UL 1034 Burglary Resistant
 - 1,500 lbs. Static strength
 - 50 ft-lbs. Dynamic strength
 - Endurance rating 500,000 UL-tested, 1,000,000 factory tested
- Fail secure
- Fix Horizontal adjustment
- Fully reversible for right or left-hand doors
- Continuous duty operation (DC)
- Mounting Kit

Finishes

- grey
- others on request



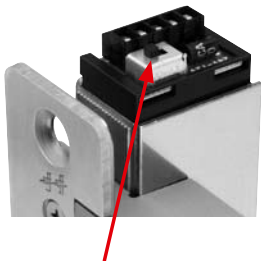
Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
E3 12V	150	200
F3 24V	70	110

Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
76-45--91191E31	•				•	
76-45--91191F31	•					•

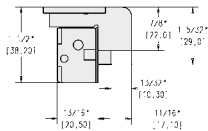
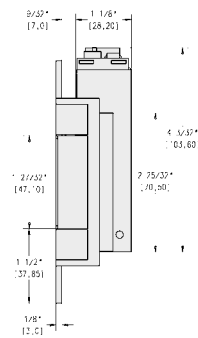
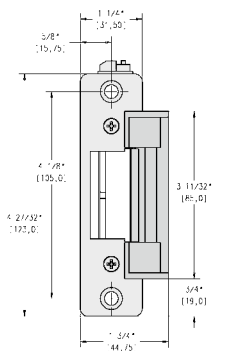
ANSI Field selectable 76-54U

UL 1034 Grade 1

Special electric strikes - ANSI



Voltage switch



Model 76-54U "PENTA"

Designed for heavy-duty applications, the all-in-one PENTA offers dual voltage and field selectable fail secure/fail safe operation. Deep latch cavity accommodates cylindrical locksets with a 5/8" to 3/4" throw (3/4" requires 1/8" door gap) in metal, wood or aluminum frames.

Features

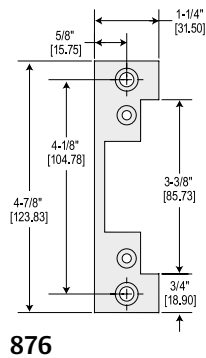
- latch monitoring (optional)
- BHMA Grade 1
- UL 1034 Burglary Resistant
 - 1,500 lbs. Static strength
 - 70 ft-lbs. Dynamic strength
- Endurance rating 500,000 UL-tested, 1,500,000 factory tested
- Strike depth – 1-1/2"
- Field selectable fail secure/fail safe
- Dual voltage 12/24 VAC or VDC
- Fully reversible for right or left-hand doors
- Continuous duty operation (DC)
- Mounting Kit
- Six faceplate options

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
Q3 12V	130	210
Q3 24V	70	105

Order number	Fail secure	Fail safe	Latch Monitoring	8-16 V AC/DC	12V DC	24V DC
76-54U0----Q31	•	•			•	•
76-54UR----Q31	•	•	•		•	•

Please note: Striking plate is required!

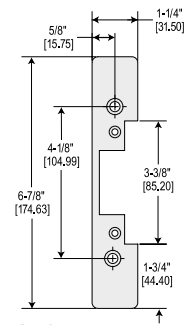
ANSI Striking Plates for 76-54U

**876**

Face plates 876

(Dimensions:
4-7/8" x 1-1/4")

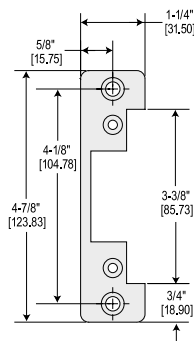
For use with cylindrical locksets in ANSI metal frames with square corners and a flat face plate.

**879**

Face plates 879

(Dimensions:
6-7/8" x 1-1/4")

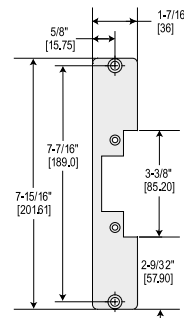
For use with cylindrical locksets in aluminum frames with radius corners and a flat face plate.

**877**

Face plates 877

(Dimensions:
4-7/8" x 1-1/4")

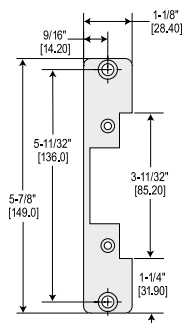
For use with cylindrical locksets in aluminum frames with radius corners and a flat face plate.

**880**

Face plates 880

(Dimensions:
7-15/16" x 1-7/16")

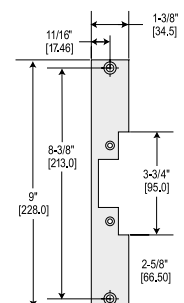
For use with cylindrical locksets in wood or aluminum frames with radius corners and a flat face plate.

**878**

Face plates 878

(Dimensions:
5-7/8" x 1-1/8")

For use with cylindrical locksets in aluminum frames with radius corners and a flat face plate.

**882**

Face plates 882

(Dimensions: 9" x 1-3/8")

For use with cylindrical locksets in wood or metal frames with square corners and a flat face plate.

Finishes

- Satin Stainless Steel
(Standard) others on request.



Electric bolt

effeff electric deadbolts are a reliable complement to locks and strikes used for specific requirements. They can be fitted to special doors such as swing doors or sliding doors, where they are often used as an additional locking device. Where doors are locked with an integrated monitoring contact, the locking status can be monitored, meaning, for instance, a system or machine can only start up if the door concerned is securely locked.

The bolt is suitable for a wide variety of uses, ranging from mere drawers through to doors in lifts and high security areas.

- Door drop bolts
- High-security dead bolts



ASSA ABLOY

Solenoid drop bolt 843-1

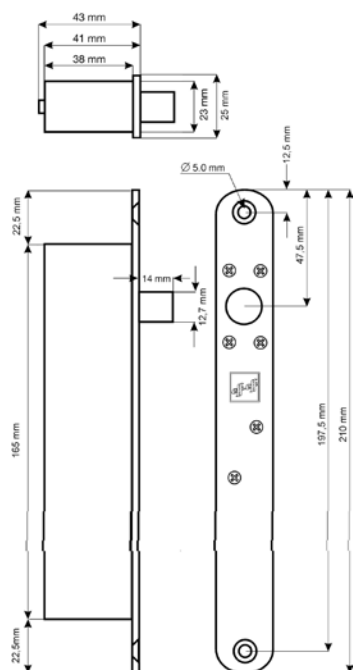


Drop bolt 843-1

The effeff 843 door deadbolt's compact design and sophisticated accessories enable it to be fitted in a variety of locations. It thus can offer optimum security as an additional door locking system in both commercial and private buildings.

The advantages at a glance

- Field selectable: Fail-locked or fail-unlocked
- For horizontal and vertical fitting
- When fitted horizontally, only possible to close downwards
- Can also be fitted to the surface of glass doors
- Automatic unlocking for 8 seconds via integrated control
- Integrated door and locking monitoring contacts
- Suitable for short and permanent release
- Suitable for swing doors
- In order for the deadbolt to function, a striking plate with a magnet to detect the door status is a must.



Technical attributes	
12 V starting current	1050 mA
24 V starting current	900 mA
12 V latching current	210 mA
24 V latching current	80 mA
Diameter dead bolt	12,7 mm
Bolt throw	14 mm
Shear strength	10000 N
Height	13 mm
Width	23 mm
Length	165 mm
Installation position	vertical and horizontal
Rated operating voltage	12 V
Rated operating voltage	24 V
Operating voltage tolerance range 12 V	-10%
Rated operating voltage tolerance range 24 V	+15%

Feature	Order no.
Fail-unlocked	843-1-----Q41

Solenoid drop bolt 843-1

Accessories



Striking plate model 843-2

Compatible to drop bolt 843-1 surface housing 843-4

Technical data	
Height	80 mm
Width	25 mm
Depth	3 mm
Material	stainless steel

Feature	Order no.
short, incl. magnet	843-2-----35



Striking plate model 843-3

Compatible to drop bolt 843-1.

Technical data	
Height	210 mm
Width	25 mm
Depth	3 mm
Material	stainless steel

Feature	Order no.
long, incl. magnet	843-3-----35



Surface housing model 843-4

Compatible to drop bolt 843-1 or striking plate 843-3.
Delivering without bolt. e.g. for glass doors

Technical data	
Height	225 mm
Width	46,5 mm
Depth	27,4 mm
Material	stainless steel

Feature	Order no.
Surface housing	843-4-----35



Design plate model 843-7

For covering the adhesive surface when gluing to glass surfaces.

Technical data	
Colour	stainless steel
Height	225 mm
Width	46,5 mm
Depth	0,7 mm
Material	stainless steel

Feature	Order no.
screening plate	843-7-----35

Adhesive kit 760-843 housing

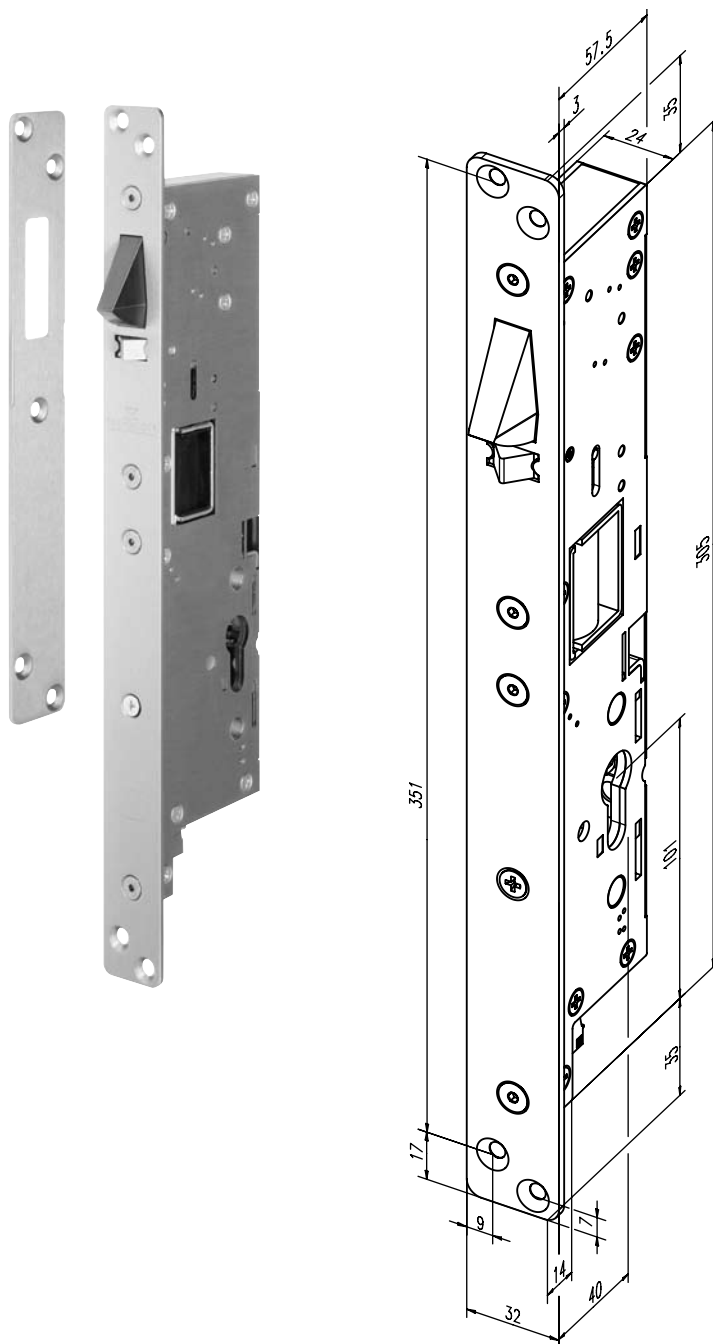
For fixing of stainless steel on glass we offer the adhesive kit 760-843. For this special application developed glue tape assure a secure holding between the materials.

Technical data	
Usage	Adhesive mounting

Feature	Order no.
For 843	760-843-----00

TECHNILOCK L4

Technical attributes



Technical attributes

Break-in resistance fully protected against destruction	20.000 N
Bolt status message	locked/unlocked
Door status message	open/closed
Bolt throw	20 mm
Operating temperature range	-20 °C to +60 °C
Spacing between faceplate and striking plate	Min. 2 mm to max. 5,5 mm
Rated operating voltage	24 V DC, stabilised
Rated operating voltage tolerance range	± 10%
Rated current consumption 24 V DC	4,5 A (0,5 sec)

Feature

Order no.

Backset 30 mm, Fail-locked with S-latch, Euro Profile cylinder	844L430ESE-----
Backset 35 mm, Fail-locked with S-latch, Euro Profile cylinder	844L435ESE-----
Backset 40 mm, Fail-locked with S-latch, Euro Profile cylinder	844L440ESE-----
Backset 60 mm, Fail-locked with S-latch, Euro Profile cylinder	844L460ESE-----
Backset 30 mm, Fail-unlocked, Euro Profile cylinder	844L430ESA-----
Backset 35 mm, Fail-unlocked, Euro Profile cylinder	844L435ESA-----
Backset 40 mm, Fail-unlocked, Euro Profile cylinder	844L440ESA-----
Backset 60 mm, Fail-unlocked, Euro Profile cylinder	844L460ESA-----

Suitable striking plates	Lenght max.	Width max.	Depth max.	Best. Nr.
Striking plate L4 Standard	265 mm	34 mm	3 mm + 3 mm**	844L4SBL1-----01
Striking plate L4 Standard, LAP, DIN L	265 mm	34 mm + 28 mm*	3 mm + 3 mm**	844L4SBL2-----04
Striking plate L4 Standard, LAP, DIN R	265 mm	34 mm + 28 mm*	3 mm + 3 mm**	844L4SBL2-----05
Striking plate L4 adjustable	265 mm	34 mm	3 mm + 18 mm**	844L4SBL3-----01
Striking plate L4 adjustable, LAP DIN L	265 mm	34 mm + 28 mm*	3 mm + 18 mm**	844L4SBL4-----04
Striking plate L4 adjustable, LAP DIN R	265 mm	34 mm + 28 mm*	3 mm + 18 mm**	844L4SBL4-----05

* = lug spreads on 28mm. Total width 62mm

** = material thickness + buildup
if standard: buildup of magnets
if adjustable buildup deabolt box



Technical attributes	
Version	With core drawback protector
Cylinder type	Euro Profile cylinder
Surface	nickel-plated

Feature	Order no.
Security escutcheon	8445X63-----



This fully electronic stabilised voltage power supply is designed for the connection at drop bolt model L4. The power supply in steel plate is designed for standard hat rail mounting. A tandem processing for 2 drop bolts is possible. The power supply includes a charging electronic for lead-acid battery with automatic change-over at voltage breakdown.

Technical attributes	
Height	112 mm
Width	170 mm
Depth	88,5 mm
Rated operating voltage	230 V AC
Rated operating voltage tolerance range	± 10%
Output voltage	24 V DC, stabilised
Separate exit (Accessories)	Max. 3,3 A

Feature	Order no.
Voltage supply	844PS24D52-----



This voltage supply is required to operate the Technilock bolt with LED display for operating and overload.

Technical attributes	
Rated operating voltage	230 V AC
Rated operating voltage tolerance range	± 10%
Output voltage	24 V DC, stabilised

Feature	Order no.
4 A, (H/W/L) 66,5/93/140 mm	1003-24-4---00

For TECHNILOCK L4.
Which converts the status messages into two potential
free contacts.

Technical attributes	
Contacts	potential free

Feature	Order no.
Board	844ZBP1-----00



MEDIATOR

Entrance doors to apartment buildings – an issue which is always causing problems. Some people always lock the door, others never do.

With MEDIATOR, ASSA ABLOY Sicherheitstechnik now offers a simple, yet brilliant solution:

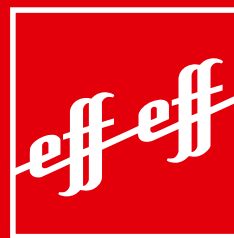
This innovative system ensures doors always lock automatically as soon as they close due to the self-locking escape door lock and an effeff linear electric strike.

Doors can also be opened for visitors from inside apartments using the electric strike.

MEDIATOR can do much more than this, however. It also ensures doors can be opened from the inside at any time using the door handle, even when doors are locked.

This means everyone can leave the building in the event of an emergency, whether they have a key or not.

Apartment block entrance doors can be retrofitted with MEDIATOR quickly and easily at a very reasonable price.



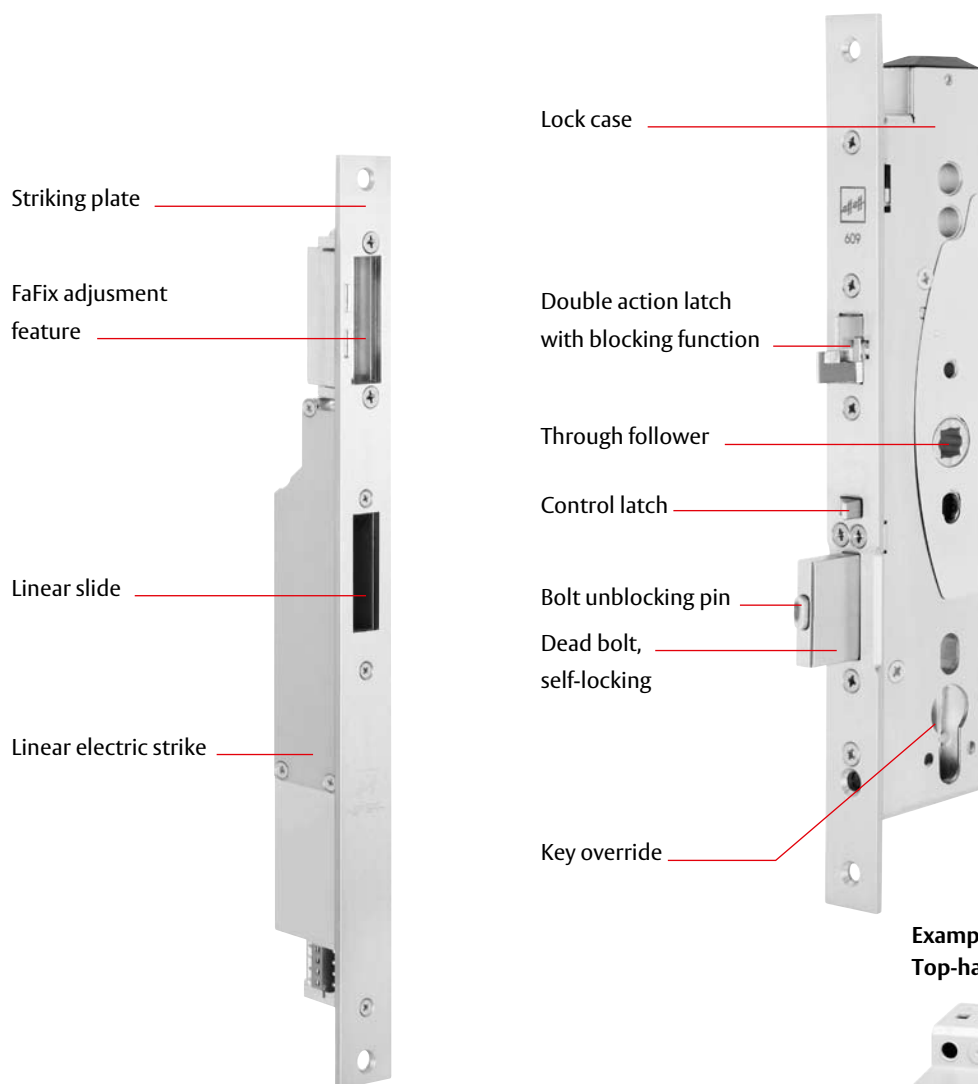
ASSA ABLOY

MEDIATOR

An ideal combination

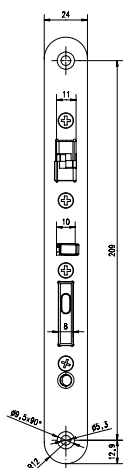
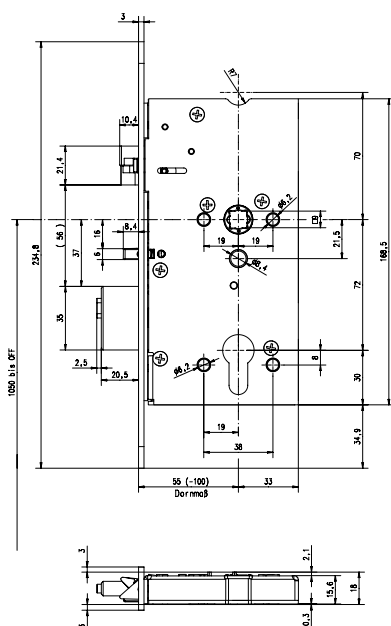
An ideal combination:
brilliant ideas and state-of-the-art door technology. Made in Germany!

The most brilliant of ideas are usually also the simplest ones. MEDIATOR is based on a combination of a self-locking escape door lock with an electric strike. The lock is an especially adapted variation of effeff's successful 309X model. The MEDIATOR electric strike is a new development designed especially for this locking solution. Different power supply units are available for surface or flush mounting. Complete system accessories for fast, professional fitting rounds off the MEDIATOR lock solution.



Example:
Top-hat rail power supply unit





The standard leaf version of the MEDIATOR lock is available with different backsets and comprehensive accessories.

- Self-locking: Dead bolt and latch are blocked; Advantage: higher security – two point-locking
- Mechanical follow up control between double action latch and control latch
- Integrated panic function via internal door handle
- Changeover function for unlocking with a key from the outside
- Backset 30, 35, 40, 45 mm available

Technical data	
Backset	55, 60, 65 mm
Distance	72 mm
Cylinder type	Euro profile cylinder
Bolt throw	20 mm
Follower	9 mm with reducer to 8 mm
Face plate width	24 mm
Face plate shape	angular

- 1 piece lock
- 1 reducer

Feature	Order no.
Face plate width 24 mm squared, DIN handling universal, 55 mm backset	609-502PZ-----1

Advice: MEDIATOR locks have a seamless follower and thus require front door furniture (inside handle or panic push bar, outside knob or handle bar).

Accessories	
Spacer plate; 235 mm x 24 mm x 3 mm	Z09-DBVB3-----00
Sliding piece; 100 mm x 30 mm x 3 mm	65.000010

MEDIATOR

Electric strike

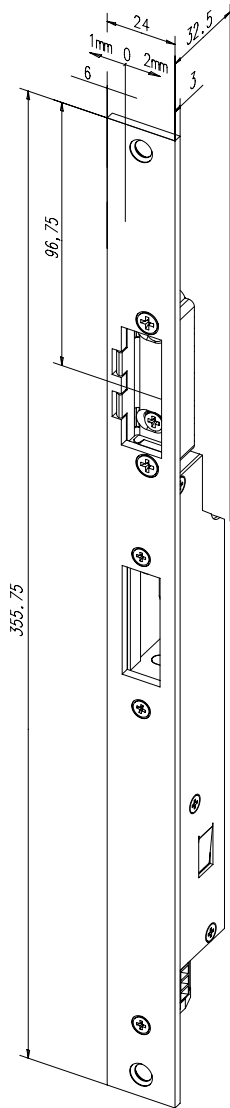


MEDIATOR door strike 65

The MEDIATOR linear electric door strike has been especially developed for this lock solution. The MEDIATOR linear electric strike is motor-driven and fulfils all requirements for use in busy buildings.

Technical data	
Rated operating voltage	12 V DC (regulated d.c. voltage)
Actuation voltage (release)	5 V to 48 V AC/DC
Rated current consumption	500 mA
Bolt throw	20 mm
Delay until complete unlocking/locking	about 0.8 sec.
Unlocking time	3 sec.
Resistance to intrusion	6.000 N
Operating temperature	-20 °C to +60 °C
Gap – face plate-strike plate	Min. 2 mm to max. 5.5 mm
Monitoring contact door locked	Max. 30 V DC, 500 mA
Monitoring contact door unlocked	Max. 30 V DC, 500 mA
Dimensions without strike plate (L x W x H)	206 mm x 20 mm x 29.5 mm
Fix adjustment	Yes
Fix adjustment range	3 mm
Preload	Max. 80 N
Permanent unlocking	Yes
Standards	DIN EN 179 EG certificate of conformity 0432-BPR-001

Feature	Order no.
with flat striking plate; 307,75 x 24 mm x 3 mm	65-----31A35E91



Mediator

Power supply



Power supply device model 1003

These stabilised power supply units are used for access control, escape route systems and electric strike systems where a low-noise locking component is required.

Technical data	
Height	68,5 mm
Width	93 mm
Depth	35 mm
Overload protection	electrical
Operating temperature range	-5 °C to +50 °C
Class of protection	IP00
Protection rating	II/Insulation protection
Housing	Plastic
Casing colour	RAL 7035



Power supply device model 1003

These stabilised power supply units are used for access control, escape route systems and electric strike systems where a low-noise locking component is required.

Feature	
Top-hat rail	1003-12-1,25-00

Technical data	
Height	50,8 mm
Width	32 mm
Depth	54,5 mm
Overload protection	electrical
Operating temperature range	-20 °C to +40 °C
Class of protection	IP20
Protection rating	II/Insulation protection
Housing	Plastic
Casing colour	Black

Feature	
Flush-mounted switch box	1003UP-12-1--00



Security locks

"Security lock" is the most accurate description of effeff locks. Security provides protection against intrusion, thus ensuring people and valuables are safe from harm. effeff lock products provide such comprehensive protection for you and your property. With their anti-panic function and self-locking systems, effeff's security locks guarantee maximum mechanical security combined with maximum convenience for users.



ASSA ABLOY

Security locks

Handle solenoid control 709X



Tubular frame version

Security lock with handle control 709X

The security lock with handle control 709X is used especially in situations where the advantages of handle-controlled unlocking have to be combined with the mechanical security requirements. The integrated monitoring contacts enable information to be provided on the important locking states.

Monitoring contacts for:

- Bolt extended / bolt retracted
- Tamper loop
- Control latch
- Profile cylinder
- Handle operation

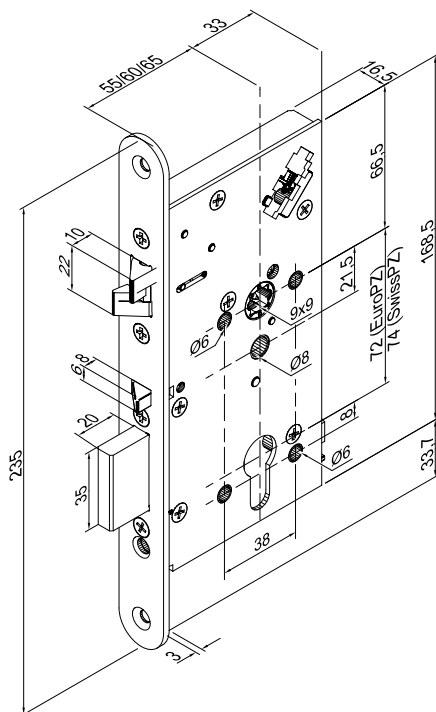
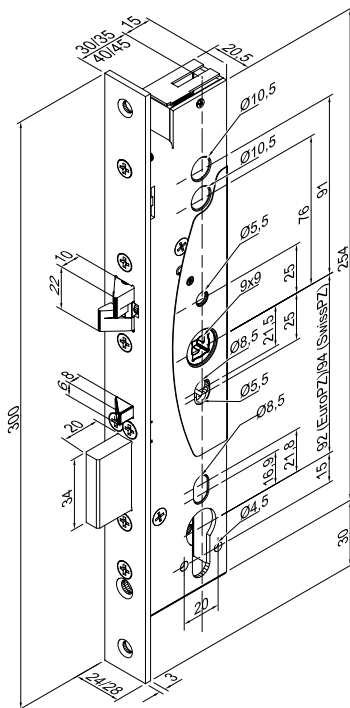
Overview of Advantages

- Self-locking with double action latch and bolt
- Mechanical follow up control between double action latch and control latch
- Integrated panic function via internal door handle
- Unlocking with key
- Approval according to DIN EN 179 and DIN EN 1125
- Suitable for installing in fire doors
- Short backset behind for tubular frame version, 15 mm



Wooden/steel door version

Technical data	
Rated operating voltage	12 V to 24 V DC, +15% / -10%
at 12 V DC	480 mA
at 24 V DC	240 mA
Maximum load - microswitch	24 V DC: 200 mA
Operating temperature	-20 °C to +60 °C
Backset - Tubular frame version	30, 35, 40, 45 mm
Backset - Wooden/steel door version	55, 60, 65 mm
CTC	European profile cylinder: 92 mm
Tubular frame version	
Wooden/steel door version	European profile cylinder: 72 mm
Dead bolt throw	20 mm
Follower	9 mm
Approval - DIN EN 179	EU Conformity Certificate: 0432-BPR-0001
Approval - DIN EN 1125	EU Conformity Certificate: 0432-BPR-0017
Suitable for fire doors	Yes



□

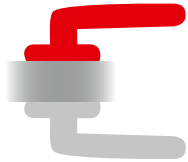
5

Z09XKAB-----

Security locks

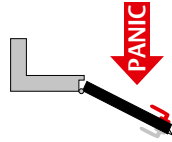
Explanations for model 809

Panic side

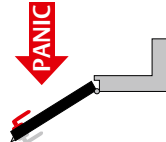


Controlled side

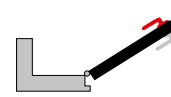
Version D



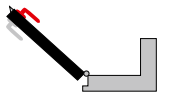
Version F



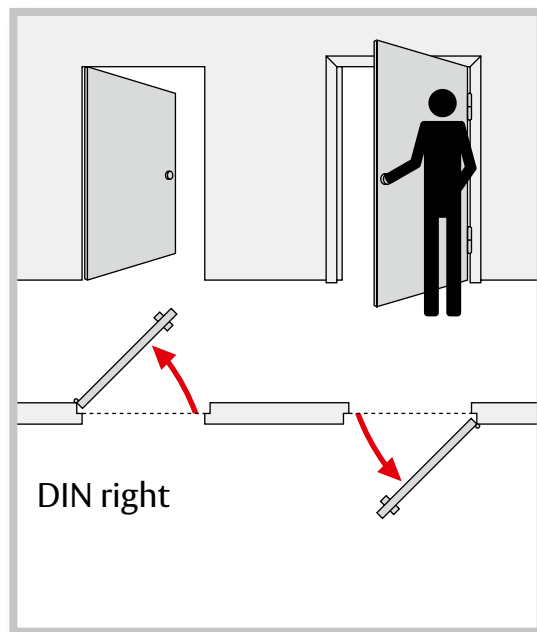
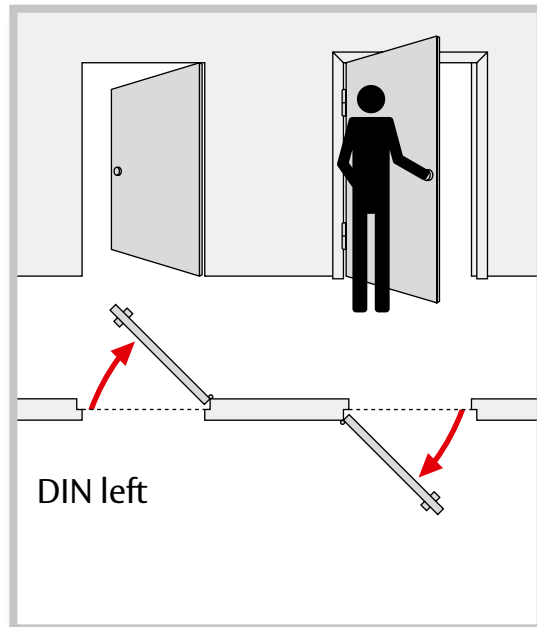
Version C



Version E



Determination of DIN-Handing



Security locks

Solenoid lock 809



Tubular frame version

The solenoid lock model 809

The electric security lock model 809 is a self-locking panic lock with separate follower and controllable external handle for heavy-duty doors.

The self-locking mechanism is triggered when the door is closed by an additional control latch which when pressed in, automatically pre-locks the lock bolt. The function of the control latch is coupled with the position of the latch bolt. This means that the locking mechanism is only triggered when both latches are activated.

The panic function applies to one given direction of entry. When the respective handle is operated, both the latch and the pre-locked lock bolt are retracted. (Exception: The special version with controllable handle on both sides).

Monitoring contacts for:

- Inner handle
- Outer handle
- Profile cylinder
- Controllable external handle
- Dead bolt

Overview of advantages

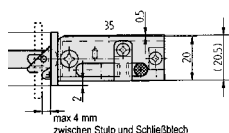
- Self-locking
- Panic function
- Approval according to DIN EN 179 and DIN EN 1125
- Controllable external handle
- Mechanical follow up control between latch and control latch
- Suitable for installing in fire doors



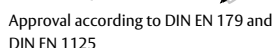
Wooden/steel door version

Technical data

Version	Euro Profile cylinder
Backset for tubular frame version	35, 40, 45 mm
Backset for full leaf version	60, 65 mm
Dead bolt throw	20 mm
Follower	9 mm
Distance tubular frame version	92 mm
Distance full leaf version	72 mm
Stainless steel faceplate tubular frame version	300 x 24 x 3 mm
Stainless steel faceplate full leaf version	235 x 20 (24) x 3 mm
Protection class	IP 30
Approval DIN EN 179	EU certificate of conformity 0432 BPR-001
Strength requirements according to DIN 18251 Class 3, max. intrusion resistance and high user frequency:	
Min. load of latch	3 kN
Min. load of bolt	6 kN
Min. bolt counterpressure	2 kN
Suitable for fire doors	Yes
Full length of connection lead	10 m



Rated operating voltage	12 V DC or 24 V DC
Rated current consumption	12 V DC: 220 mA 24 V DC: 110 mA
Max. contact load capacity	25 V / 1 A



Backset	Description	Order no.		
35 mm	Fail-locked, standard, 24 mm face plate	809-12C92-35	* 4	*
40 mm	Fail-locked, standard, 24 mm face plate	809-12C92-40	* 4	*
45 mm	Fail-locked, standard, 24 mm face plate	809-12C92-45	* 4	*
35 mm	Fail-unlocked, standard, 24 mm face plate	809-32C92-35	* 9	*
40 mm	Fail-unlocked, standard, 24 mm face plate	809-32C92-40	* 9	*
45 mm	Fail-unlocked, standard, 24 mm face plate	809-32C92-45	* 9	*

Version	D
	F
Voltage 12 V	E
24 V	F

Backset	Description	Order no.		
35 mm	Fail-locked, EN1125 Version , 24 mm face plate	809E12C92-35	* 4	*
40 mm	Fail-locked, EN1125 Version , 24 mm face plate	809E12C92-40	* 4	*
45 mm	Fail-locked, EN1125 Version , 24 mm face plate	809E12C92-45	* 4	*
35 mm	Fail-unlocked, EN1125 Version , 24 mm face plate	809E32C92-35	* 9	*
40 mm	Fail-unlocked, EN1125 Version , 24 mm face plate	809E32C92-40	* 9	*
45 mm	Fail-unlocked, EN1125 Version , 24 mm face plate	809E32C92-45	* 9	*

Please note: Connection lead should be ordered additionally. Striking plates are an integral part of DIN EN certification.

Order no.

Connection lead, with round plug connection; length about 9.5 m*	809ZBKAB04---00
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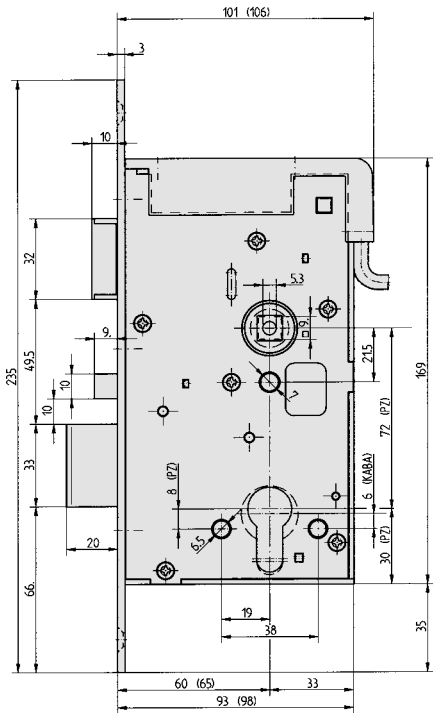
* Connection lead at lock ca. 0.5 m

Solenoid lock model 809

Full leaf frame version

with panic function

- split follower



Electric data	
Rated operating voltage	12 V DC or 24 V DC
Rated operating current	12 V DC: 220 mA 24 V DC: 110 mA
Max. contact load capacity	25 V / 1 A

Version D

Version F

Version C

Version E

Approval according to DIN EN 179 and DIN EN 1125

Not conform to DIN EN 1125

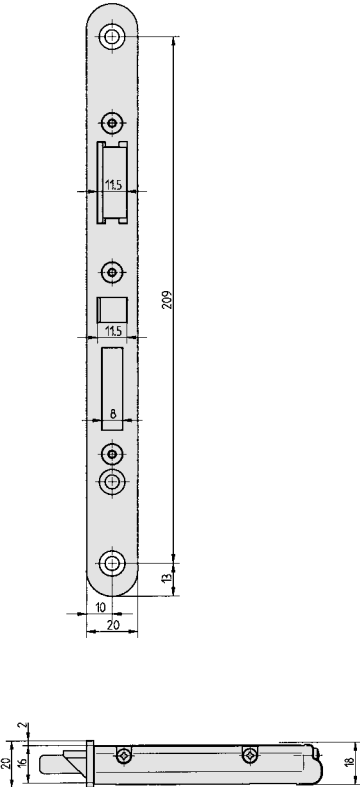
Version	12 V	24 V
C	E	F
D	E	F
E	E	F
F	F	F

Backset	Description	Order no.
60 mm	Fail-locked, 20 mm Stulp	809M12-72A60 + 4 *
65 mm	Fail-locked, 20 mm Stulp	809M12-72A65 + 4 *
60 mm	Fail-unlocked, 20 mm Stulp	809M32-72A60 + 4 *
65 mm	Fail-unlocked, 20 mm Stulp	809M32-72A65 + 4 *
60 mm	Fail-locked, 24 mm Stulp	809M12A72A60 + 4 *
65 mm	Fail-locked, 24 mm Stulp	809M12A72A65 + 4 *
60 mm	Fail-unlocked, 24 mm Stulp	809M32A72A60 + 4 *
65 mm	Fail-unlocked, 24 mm Stulp	809M32A72A65 + 4 *

Please note: Connection lead should be ordered additionally. Striking plates are an integral part of DIN EN certification.

Suitable fittings and accessories:	Order no.
Connection lead, length about 10 m	809ZBKAB06---00

Security locks

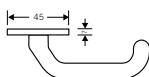
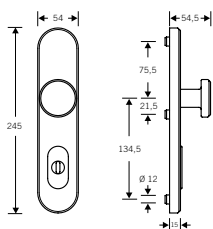


Fixed knob furniture full leaf version

Long escutcheon version



Pict. shows 509ZB01



Front door furniture model 509ZB01

Stainless steel DO 20.3.01 for DIN EN 179. Complete set with door furniture and fixing material. Stainless steel, CTC 72 mm European perforated profile cylinder, with integrated cylinder protection.

Matching half spindle with roller and screws for through fixing in the long escutcheon with knob.

Technical data

Material	stainless steel
Cylinder type	Euro Profile cylinder
Cylinder protection	Yes
509ZB01 suitable for:	309X, 409X, 509X
509ZB05 suitable for:	509E, 519

Feature

x09 single-lock, distance. 72 mm	Order no. 509ZB01-----35
----------------------------------	------------------------------------

Half spindle model 509-ZWS

Half spindle with roller for tubular frame-fixed knob furniture versions.

Technical data

Material	Stainless steel
Handle pin	9 mm

Door leaf thickness

Door leaf thickness	Feature	Order no.
38-48 mm	Spindle length 100 mm	509-ZWS-100--00
48-58 mm	Spindle length 110 mm	509-ZWS-110--00
58-68 mm	Spindle length 120 mm	509-ZWS-120--00
68-78 mm	Spindle length 130 mm	509-ZWS-130--00
78-88 mm	Spindle length 140 mm	509-ZWS-140--00

Fixing screw set model 809-ZS

Fixing screw set for tubular frame-fixed knob furniture versions. Composed of 3x M6/ 2x M8 screws and 3x compatible allen wrench.

Technical data

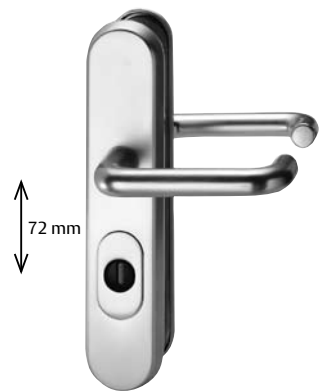
Version	M8
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Door leaf thickness

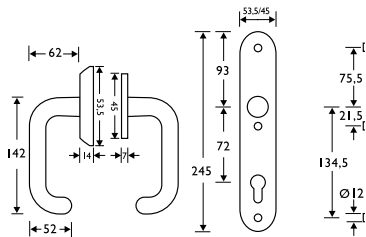
Door leaf thickness	Feature	Order no.
35-40 mm	Screw length 45 mm	809-ZS-045---00
40-45 mm	Screw length 50 mm	809-ZS-050---00
45-50 mm	Screw length 55 mm	809-ZS-055---00
50-55 mm	Screw length 60 mm	809-ZS-060---00
55-60 mm	Screw length 65 mm	809-ZS-065---00
60-65 mm	Screw length 70 mm	809-ZS-070---00
65-70 mm	Screw length 75 mm	809-ZS-075---00
70-75 mm	Screw length 80 mm	809-ZS-080---00
75-80 mm	Screw length 85 mm	809-ZS-085---00
80-85 mm	Screw length 90 mm	809-ZS-090---00

Door furniture full leaf version

Long escutcheon version



Pict. shows 809ZB01-----35



Door furniture modell 809ZB01 and 809ZB05 full leaf

Fitting for models 709X, 809 and 819 full leaf version.
Stainless steel with integrated cylinder protection
DO 20.3.01 for DIN EN 179

Technical data	
Version	With cylinder protection
Backset	55-100 mm
Compatible with:	709X, 809, 819

Feature	Order no.
Stainless steel, distance 72 mm	809ZB01-----35
Aluminium F1, distance 72 mm	809ZB01-----44

Door furniture full leaf version

Long escutcheon version



Square pin - free-wheeling side model 809-ZXF

For door handle fitting 809ZB01/ZB05 full leaf version

Technical data	
Compatible with:	809ZB01 and 809ZB05
Handle pin	9 mm

Measure XF	Feature	Order no.
14,5-45,5 mm	Spindle length 71 mm	809-ZXF-710--00
46-75 mm	Spindle length 100 mm	809-ZXF-1000-00



Square pin - panic side model 809-ZXP

For door handle fitting 809ZB01/ZB05 full leaf version

Technical data	
Compatible with:	809ZB01 and 809ZB05
Handle pin	9 mm

Measure XP	Feature	Order no.
15-45 mm	Spindle length 66 mm	809-ZXP-660--00
45-60 mm	Spindle length 76,5 mm	809-ZXP-765--00



Full pin model 809-ZXV

For door furniture 809ZB01/ZB05 with one-piece pin for locks 709X, 809 and 819 without panic function.

Technical data	
Compatible with:	809ZB01 and 809ZB05
Handle pin	9 mm

Door leaf thickness	Feature	Order no.
28-90 mm	Spindle length 140 mm	809-ZXV-140--00



Fixing screw set model 809-ZS

Fixing screw set for tubular frame-fixed knob furniture versions. Composed of 3x M6/ 2x M8 screws and 3x compatible allen wrench.

Technical data	
Compatible with:	809ZB01 and 809ZB05

Door leaf thickness	Feature	Order no.
35-40 mm	Screw length 45 mm	809-ZS-045---00
40-45 mm	Screw length 50 mm	809-ZS-050---00
45-50 mm	Screw length 55 mm	809-ZS-055---00
50-55 mm	Screw length 60 mm	809-ZS-060---00
55-60 mm	Screw length 65 mm	809-ZS-065---00
60-65 mm	Screw length 70 mm	809-ZS-070---00
65-70 mm	Screw length 75 mm	809-ZS-075---00
70-75 mm	Screw length 80 mm	809-ZS-080---00
75-80 mm	Screw length 85 mm	809-ZS-085---00
80-85 mm	Screw length 90 mm	809-ZS-090---00
85-90 mm	Screw length 95 mm	809-ZS-095---00

Security locks

Panic bar



Panic bar I model 8000
In combination with lock 309X, 409X, 509X, 709X, 519, 509E, 809E and 819E
DO No. 20.03
For DIN EN 1125

Technical data	
Bar	Brushed stainless steel
Housing	Plastic, silver coloured
Compatible with:	309X, 409X, 509X, 709X, 809E, 819E

Feature	Order no.
Without profile cylinder drill holes	8000-00-2100---
With drill holes for Euro profile cylinder, 92 mm distance	8000-10-2100---
With drill holes for Euro profile cylinder, 72 mm distance	8000-20-2100---



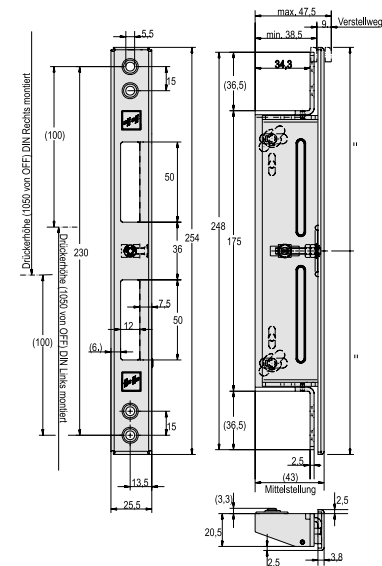
Panic bar I model 8000
In combination with lock 309X, 409X, 509X, 709X, 519, 509E, 809E and 819E
DO No. 20.03
For DIN EN 1125

Technical data	
Bar	Brushed stainless steel
Housing	Black plastic
Compatible with:	309X, 409X, 509X, 709X, 809E, 819E

Feature	Order no.
Without profile cylinder drill holes	8000-00-1100---
With drill holes for Euro profile cylinder, 92 mm distance	8000-10-1100---
With drill holes for Euro profile cylinder, 72 mm distance	8000-20-1100---

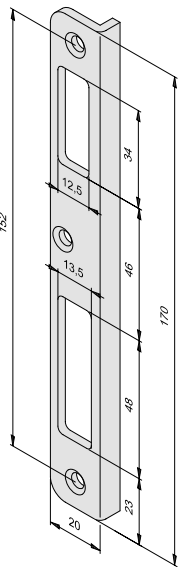
Security locks

Accessories striking plates



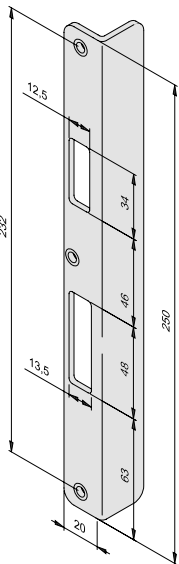
Striking plate model 809HZV
For lock models 809 and 809E.

Technical data	
Length	254 mm
Width	25,5 mm
Depth	3,8 mm
Feature	
Adjustable 9 mm	809HZV----35-01



Angled striking plate model Z09XSBL-01
For lock models 309X-709X

Technical data	
Version	short
Length	170 mm
Width	20 mm
Feature	
DIN left	Z09XSBL-01----4
DIN right	Z09XSBL-01----5



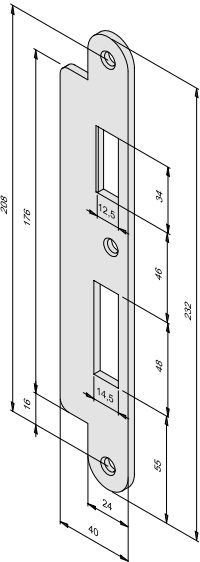
Angled striking plate model Z09XSBL-03
For lock models 309X-709X

Technical data	
Version	long
Length	250 mm
Width	20 mm
Merkmal	
DIN left	Z09XSBL-03----4
DIN right	Z09XSBL-03----5

Note!
Striking plates are included in the DIN EN certification. We recommend using the striking plates illustrated on this page.

Security locks

Accessories striking plates

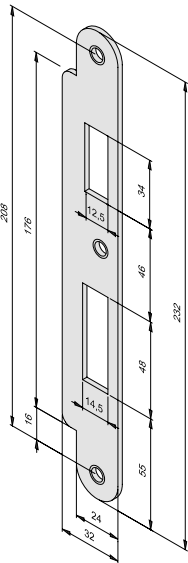


Striking plate LAP model Z09XSBL-02

For lock models 309X-709X

Technical data	
Version	LAP universal
Length	232 mm
Width	40 mm

Feature	
With flange 16 mm	Z09XSBL-02----1



Striking plate LAP universal model Z09XSBL-04

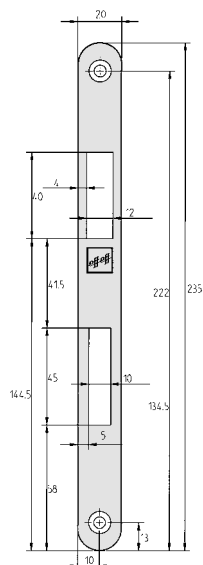
For lock models 309X-709X

Technical data	
Version	LAP universal
Length	232 mm
Width	32 mm

Feature	
With flange 12 mm	Z09XSBL-04----1

Security locks

Accessories striking plates

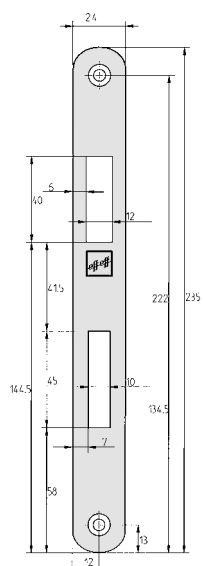


Flat striking plate model 809HZ20

For lock models 809 and 809E

Technical data	
Version	long
Length	235 mm
Width	20 mm

Feature		Order no.
Universal		809.000050---35

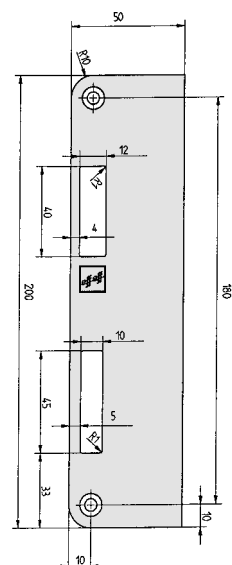


Flat striking plate model 809HZ24

For lock models 809 and 809E

Technical data	
Version	long
Length	235 mm
Width	24 mm

Feature		Order no.
Universal		809.000098---35



Lap striking plate model 809LAP

For lock models 809 and 809E

Technical data	
Version	long
Length	180 mm
Width	50 mm

Feature		Order no.
Universal		809.00005001-35

Security locks

Accessories cable loop



Concealed cable transition model 10312-10

Suitable for feeding cables with installation housing on one side for wood, metal and synthetic profiles.

Technical data	
Installation dish	Onesided
Material housing	stainless steel
Material spiral hose	stainless steel
Max. cable diameter	7 mm
Max. permissible horizontal rotation	100 mm
Length	330 mm
Width	25 mm
Depth	17 mm
Suitable for fire rated doors	yes

Feature	Order no.
Short model	10312-10-----00



Concealed cable transition model 10314-10

With integrated break-proof flex cable, clamp-plug connection technology and installation housing on one side suitable for wood, metal and plastic profiles.

Technical data	
Installation dish	Onesided
Material housing	stainless steel
Material spiral hose	stainless steel
Signal transmission	10-pole
Max. permissible horizontal rotation	100 mm
Length	297 mm
Width	25 mm
Depth	17 mm
Rated operating voltage	24 V
Operating voltage tolerance range	+ 20%
Max. current consumption	1 A 100% ED, 4 A max. 1 sec. 10% ED
Contact resistance per signal	0,21 Ohm

Feature	Order no.
Short model	10314-10-----00



Cable connector 10318

For direct transmission of current from the door frame to the door leaf. Rustproof, flexible metal hose. Fixing caps for mounting on door frame and door leaf. Standard length 30 cm.

Technical data	
Version	For open fitting
Material	brass, nickel-coated
Length	30 cm
Inside diameter	7 mm

Feature	Order no.
30 cm length	10318-30-----00



Electro magnets

A large selection of electro holding magnets is an important part of effeff's locking systems range.

The range includes certified models for locking escape route doors as well as standard magnets.

Thanks to low-noise operation and the benefits of retrofitting, magnets are highly suitable as additional locking devices in doors.

- Electric magnets for inside and outside doors
- Electric magnets for escape door applications
- Accessories



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Electro magnets



Mini-Magnet 3000 N
Holding magnet suitable for locking doors.
Version for surface mounting.
With monitoring.

Technical data	
Holding power	3000 N
Connecting cable	90 cm
Surface housing	Aluminium
Length	250 mm
Width	42 mm
Depth	25 mm
Hall sensor	Yes
Rated operating voltage	12 or 24 V DC
Rated current consumption 12 V DC	500 mA
Rated current consumption 24 V DC	250 mA
Suitable for fire doors	Yes

Feature	Order no.
Hall sensor	MAG-03000ALS-HD



Maxi-Magnet 5000 N
Holding magnet suitable for locking doors.
Version for surface mounting.
With monitoring.

Technical data	
Holding power	5000 N
Surface housing	Aluminium
Length	266 mm
Width	68 mm
Depth	40 mm
Rated operating voltage	12 or 24 V DC
Rated current consumption 12 V DC	500 mA
Rated current consumption 24 V DC	250 mA
Suitable for fire doors	Yes

Feature	Order no.
Hall sensor	MAG-05000ALS-HD



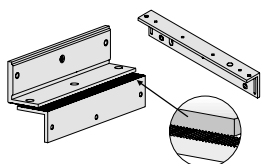
Gate-Magnet 6500 N
Holding magnet locking doors and gates outdoors.
With monitoring.

Technical data	
Holding power	6500 N
Surface housing	Stainless steel
Length	220 mm
Width	68 mm
Depth	41 mm
Rated operating voltage	12 V or 24 V DC
Rated current consumption 12 V DC	500 mA
Rated current consumption 24 V DC	250 mA
Protection rating	IP 65
Connection lead	approx. 90 cm
Suitable for fire rated doors	Yes

Feature	Order no.
Hall sensor	MAGG06500STS-HD

Electro magnets

Accessories



Mounting bracket model MAGAC-Z300

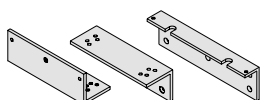
Z-shaped mounting brackets.

For mounting on flush-surface door elements. For inwards-opening doors.

For mini magnets (aluminium version).

Technical data	
Length	185 mm
Width	48 mm
Height	55 mm

Feature	Order no.
For mini-magnets	MAGAC-Z300-----



Mounting bracket model MAGAC-Z500

Z-shaped mounting brackets.

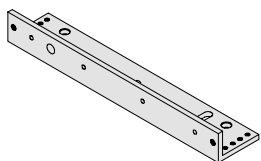
For mounting on flush-surface door elements.

For inwards-opening doors.

For maxi magnets (aluminium version).

Technical data	
Length	185 mm
Width	64 mm
Height	64 mm

Feature	Order no.
For maxi-magnets	MAGAC-Z500-----



Mounting bracket model MAGAC-L300

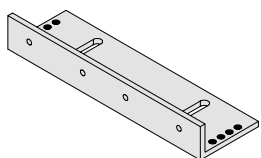
L-shaped mounting bracket.

For mounting on flush-surface door elements. For outwards-opening doors.

For mini-magnets (aluminium version).

Technical data	
Length	250 mm
Width	48 mm
Height	30 mm

Feature	Order no.
For mini-magnets	MAGAC-L300-----



Mounting bracket model MAGAC-L500

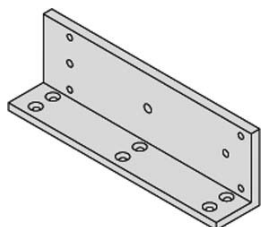
L-shaped mounting bracket.

For mounting on flush-surface door elements. For outwards-opening doors.

For maxi magnets (aluminium version).

Technical data	
Length	266 mm
Width	76 mm
Height	38 mm

Feature	Order no.
For maxi-magnete	MAGAC-L500-----



Mounting bracket model MAGAC-L1200

L-shaped mounting bracket.

For mounting on flush-surface door elements. For outwards-opening doors.

For gate magnets for sliding doors.

Technical data	
Length	220 mm
Width	45 mm
Height	70 mm

Feature	Order no.
For maxi-magnete	MAGAC-L1200----



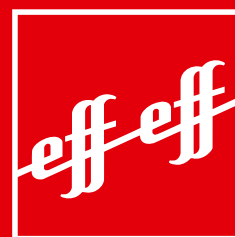
Accessories

effeff offers a comprehensive range of control components and accessory items such as throw-open devices and choppers, perfectly matched with its entire product portfolio.

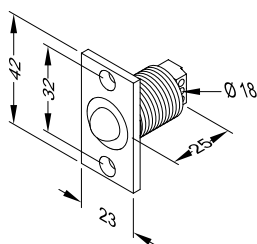
You can thus obtain reliable, secure components for a complete solution from a single source.

How easy can it be?

- Cable transitions
- Contacts
- Power supply units
- Control units
- Switch components



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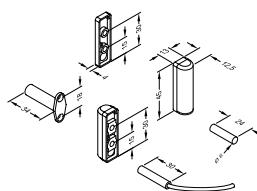


Ball contact model 10405.11

It is characterized particularly by its hardwearing design with steel ball and screw thread for flexible setting to a wide range of different door geometries with screw terminals.

Technical data	
Max. contact rating	25 V / 1 A
Class of protection	IP 40
Response path	1 mm
Adjustment path	13 mm
Diameter	18 mm
Type of connection	Screw terminals
Life span	1 M switching cycles
Contact type	Change-over contact

Feature	Order no.
Square faceplate	10405.11-----00
Radius faceplate	10405.11R-----00



Reed contact model 10380A VdS class A

The set consists of a round reed contact, permanent magnet, 2 flange casings, 2 surface-mounted casings and 2 spacers; it is thus suitable for surface-mounted and mortise fitting in wood or aluminium windows and doors.

Technical data	
Max. contact rating	200 V DC/ 500 mA/ 10 W
Max. sensing distance	15 mm
Class of protection	IP 67
VdS class	Class A
VdS-approval	G104729
Connecting cable	6 m
Number of wires	2-wire
Colour	grey white
Material housing	Plastic
Operating temperature range	0 to +40 °C
Contact resistance	0,15 Ω

Feature	Order no.
Closer	10380A-6-----00



Door strike button model 1010

Surface-mounted push-button with key symbol.

Technical data	
Mounting type	Surface-mounted
Width	61 mm
Height	61 mm
Depth	22 mm
Colour	white
Contact type	Changeover contact

Feature	Order no.
White, with key symbol	1010-----00



Door strike button model 1011

Flush-mounted push-button with key symbol.

Technical data	
Mounting type	Flush-mounted
Width	81 mm
Height	81 mm
Diameter	Ø 55 mm
Colour	white
Contact type	Changeover contact

Feature	Order no.
White, with key symbol	1011-----00

Accessories



Mortise latch model 802

Small, easily mounted version. Is used for example as an additional locking mechanism in combination with fail unlocked electric strikes.

Technical data	
Height	55 mm
Width	20 mm
Depth	30 mm

Feature	Order no.
Mortise latch	802-----00



Mating component model 807 squared

The mortise latch lock of the 807 series have been tested and approved as suitable for the electrical locking of doors in rescue routes according to valid regulations. The latch bolt is adjustable from 12 mm to 17 mm (projection). This means that it can be adapted to the door gap on site thus ensuring actuation of the monitoring contact.

Technical data	
Fixing holes	2
Depth	13 mm
Version	Adjustable

Feature	Order no.
Faceplate 110 x 24 mm	807-10-----00
Faceplate 135 x 20 mm	807-11-----00



Rectifier unit model 1001

The power supply have an AC-output as well as a DC-output (DC 50% residual ripple). Therefore it offers an optimal basis for the voltage supply of electric strikes.

Technical data	
Rated current	1 A max. 1,5 A for 10s
Mounting type	Surface-mounted / top hat rail
Overload protection	thermal circuit breaker
Length	106 mm
Width	70 mm
Height	73 mm
Rated operating voltage primary	230 V AC

Feature	Order no.
Rated secondary voltage 12 V AC/DC	1001-12-1----00
Rated secondary voltage 24 V AC/DC	1001-24-1----00



Power supply device model 1003 12 V

There is a suitable power supply unit for each type of use. The individual power supply units stand out due to their constant output voltage during fluctuations in mains voltage and load alternation.

Technical data	
Mounting type	Surface-mounted / top hat rail
Overload protection	Electronic
Operating temperature range	-5 °C to +40 °C
Class of protection	IP 00
Protection rating	II/Insulation protection
Housing	Plastic
Casing colour	RAL 7035
Rated operating voltage	100-240 V AC
Output voltage	12 V DC (regulated)

Feature	Order no.
0,8 A, (H/W/L) 68/92/17,5 mm	1003-12-0,8----00
1,25 A, (H/W/L) 68,5/93/35 mm	1003-12-1,25-00
2 A, (H/W/L) 68,5/93/52,5 mm	1003-12-2----00
4 A, (H/W/L) 66,5/93/140 mm	1003-12-4----00

Determination of DIN Direction

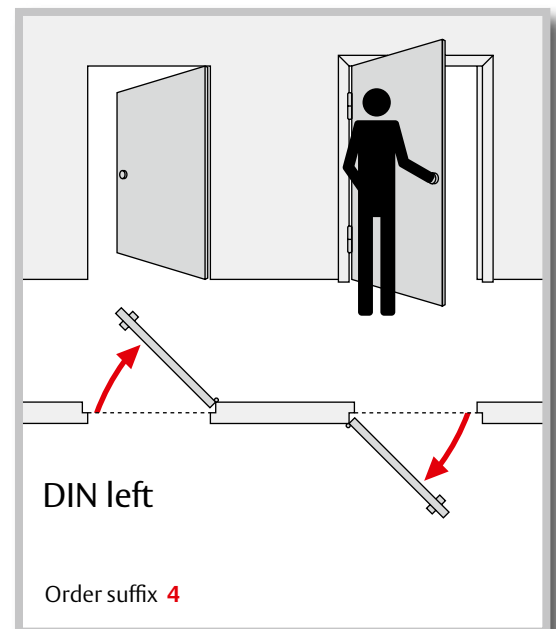
Which direction is required?

Rule of thumb:

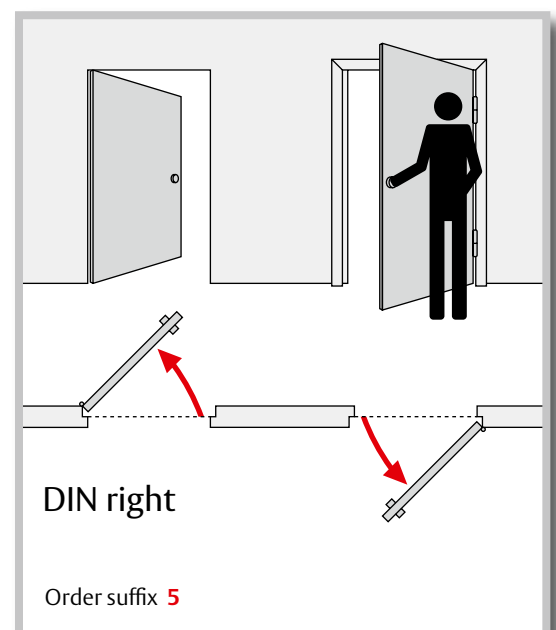
The door is looked from the side where the hinges are visible. That is the side to which it is opened.
The DIN-orientation of the electric strike or striking plate refers to the DIN table. For double leaf doors the DIN Direction of the active leaf is decisive.

Order suffix for DIN Direction:

DIN direction	
Left	4
Right	5
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
136.61-52535	** 4



DIN directions	
Left	4
Right	5
Voltage	
12 V DC	E9
24 V DC	F9
Order no.	
136.61-52535	** 5



Technical explanations

The ProFix Principle

To whom is the ProFix series of interest?

Do you manufacture essentially functional doors for the property business? But do your customers also get standard doors from you? Then the ProFix series from effeff is just the right one for you!

ProFix can also be of interest for front doors and manufacturers of dividing wall systems.

What is ProFix?

ProFix is a combination consisting of a FaFix electric strike with a latch bolt guide (latch bolt slide) integrated into the electric strike.

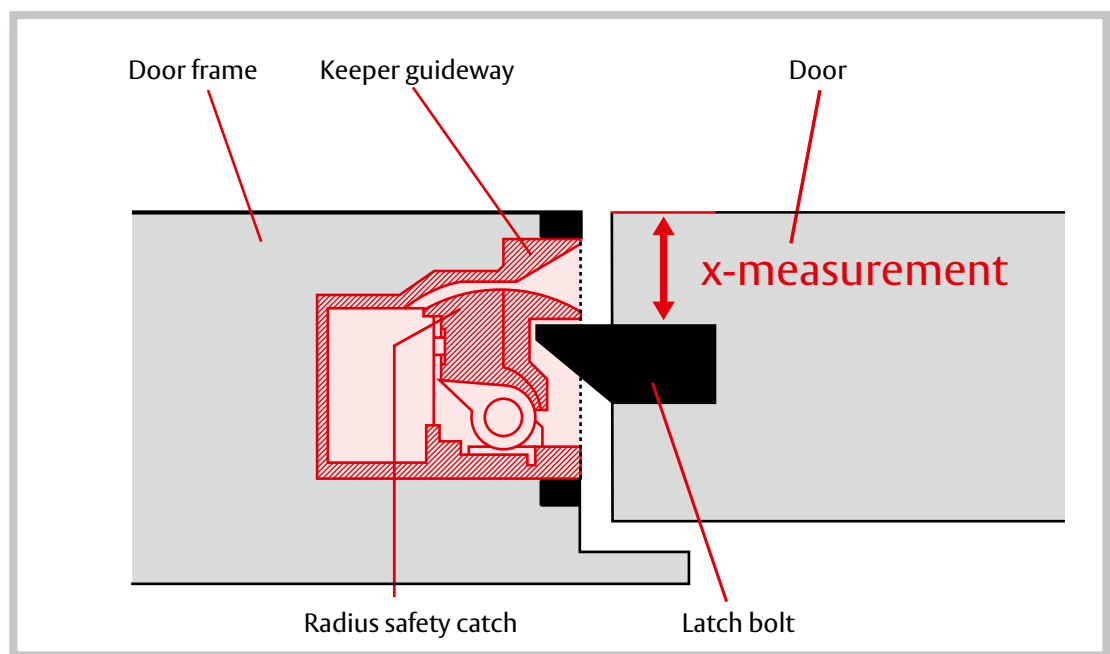
To enable the user to take full advantage of radius electric strikes and FaFix in their entirety, effeff has developed ProFix. With ProFix the frame opening/glazed frame cutout can be reduced.

There are ProFix electric strikes for standard doors and also for fire doors use, compatible with a ProFix striking plate. The ProFix escape electric strike Model 332 rounds off the programme.

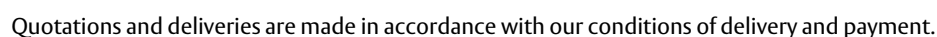
ProFix 2

- Flush doors with x-dimension 6 mm or more

Illustration shows
flushed door



As a proven supplier of door release systems, effeff is known for reliable and prompt deliveries. We offer you two methods of ordering: You can fax us the completed form or send us details of your requirements via email to the following address: **middle.east@assaabloy.de**



ASSA ABLOY
Sicherheitstechnik GmbH
Bildstockstraße 20
72458 Albstadt
GERMANY
Tel. +49 7431 123-700
Fax +49 7431 123-258
middle.east@assaabloy.de

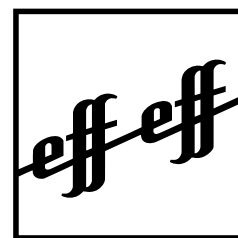
1000

Order Date:

[illegible]

Goods return form

Please copy formular,
complete and fax it back to
ASSA ABLOY!


ASSA ABLOY

Customer-Nr.: _____

Address: _____

Date: _____

ASSA ABLOY
Sicherheitstechnik GmbH
Bildstockstraße 20
72458 Albstadt
GERMANY
Tel. +49 7431 123-700
Fax +49 7431 123-258
export@assaabloy.de

We wish to make the
following return of goods:

Invoice No. / Date	Order No.	Quantity

Please note:

Goods may only be returned if they are new, packed originally and without any marks of usage and installation. They should be returned within 6 months of purchasing (date of dispatch).

Reasons for return

- ☐ Incorrect order
- ☐ Incorrect delivery
- ☐ Exchange
- ☐ Complaint
- ☐ Other

ASSA ABLOY
Sicherheitstechnik
offers the following
options:

- ☐ Return with ____ % deduction
- ☐ Re-order free of charge
- ☐ Replacement delivery
- ☐ We regret these goods cannot be returned
- ☐ Other

Date Customer's signatur

Date Signatur
ASSA ABLOY Sicherheitstechnik

Note:

Please ensure that this letter accompanies the returned goods. The consignment will be returned carriage forward unless accompanied by a returns note with notice of prepayment. If you have any queries on matters in progress, please telephone +49 7431 123-700 or fax -258.

Notes

[illegible]

Notes

[illegible]

In the future we'll also meet the demands for technical advances and innovations. We therefore reserve the right to make design modifications.

Illustrations may thus also vary from the actual products. Despite the greatest of care, printing errors or mistakes may be made.

ASSA ABLOY accepts no responsibility in such cases and will not enter into any obligations of any kind.

No responsibility is taken for the correctness of any safety regulations reproduced.

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



Originally part of the ZEISS IKON AG company founded in 1926, **IKON** is ASSA ABLOY's most successful brand for locking and security technology in Germany. The IKON brand offers state-of-the-art products and solutions at the cutting edge of technology. The brand product range includes high-quality mechanical and mechatronic locking cylinders, auxiliary locks and security devices, door fittings and door closers. They provide active burglary protection and safeguard both people and property.



Founded as a precision engineering and electrical engineering workshop in 1936, **effeff** is a global leading brand for electromechanical locking and unlocking devices.

Electric strikes, electric bolts, security locks, access control systems and escape route technology are among the effeff brand products which today provide security and convenience in over 75 countries throughout the world.

ASSA ABLOY Sicherheitstechnik GmbH is the professional partner worldwide in mechanical and electromechanical security solutions for safety, security and convenience in buildings. The company develops, produces and markets high-quality products and multi-purpose systems under the established IKON and effeff brand names for the private, commercial and public sectors.

ASSA ABLOY is the world's leading manufacturer and supplier of door opening solutions, meeting tough enduser demands for safety, security and convenience. With over 32,000 employees, the Group achieves sales of over EUR 3 billion.

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