Electric strikes from effeff

Electric Strike Model Series 118
Standard and fire-rated electric strikes

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

About us.
Whatever you want to secure, protect, maintain –
we have technology you require.

ASSA ABLOY

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

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

Hotline Technical advice

+49 7431 123-381

Technical advice

In the matter of technical advice, with us you will be supported by professionals whowill 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.

Hotline Sales/order processing

+49 7431 123-700

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

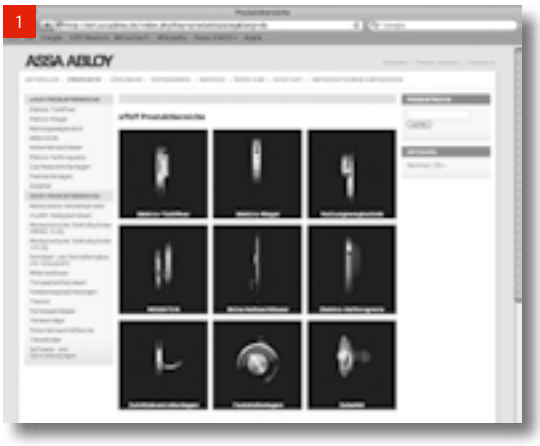
Fast and up-to-date comprehensive product information at any time

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.



Contents

Where can I find what I need?

effeff Model Range
118 and 118F

A single design, many possible applications, highly versatile

Tested in the factory in compliance with DIN EN 14846:2008-11

Standard applications (Series 118, 128, 138, 148)
Standard electric strikes are used wherever a closed door needs to be combined with convenience which have no smoke or fire safety requirements.

Typical areas of use are:
- Front doors in single houses
- Main entrances to apartment buildings
- Doors in buildings which have no fire safety or smoke requirements
- Entrance doors to office and business premises, such as doctor's and or lawyer
- Addtional locking systems and interlock systems with Fail-Unlocked Electric Strike Model 138
- We recommend Model Range 16W for outdoor areas

effeff offers you an electric strike model range in the Standard Electric Strike segment which will meet your individual requirements.

Fire safety (Series 118F)
Fire-rated electric strikes are designed for use in fire doors. Such doors are subject to particularly stringent requirements as are the electric strikes in Model Range 118 ('F' stands for 'fire').

Typical areas of use are:
- Fire doors in commercial and public buildings, such as single- or two-leaf doors in hospitals, airports or government offices
- Multi-functional doors, in industrial buildings, for example
- Fire doors in places such as hotels and government agencies
- Heavy duty Door such as huge steel door

effeff offers you an electric strike model range in the Fire-Rated Electric Strike segment which will meet your individual requirements.

Plug-in connection. effeff standard connection with new integrated plug-in option.

Electric strikes in Model range 118 all feature the same compact design and the same connection technology with a plug-in option.
A conventional connection using wires is still possible. The optional plug-in connection cable (see Accessories) makes connection easy and also reduces the time required for fitting even further.

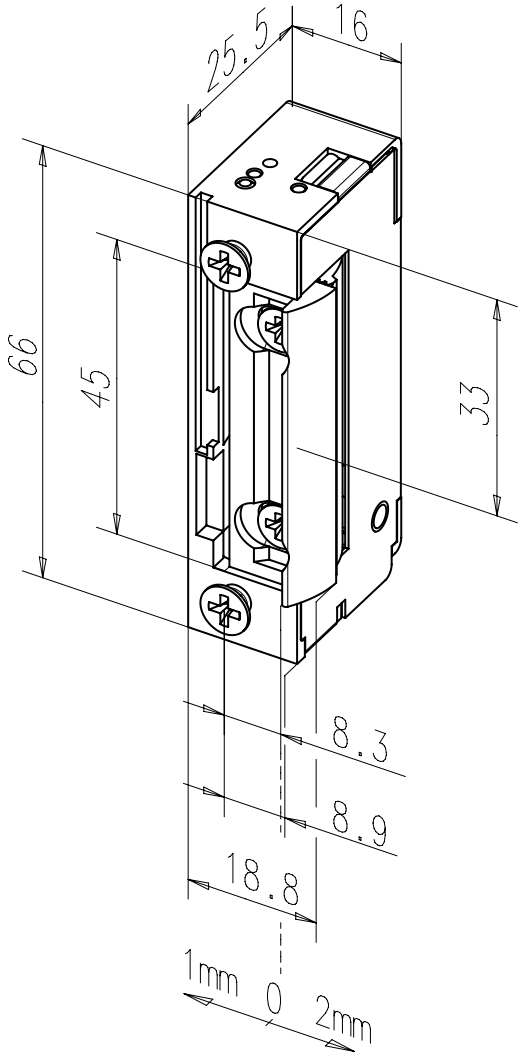
Electric Strike Model 118
for standard applications

Fail-locked 118
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

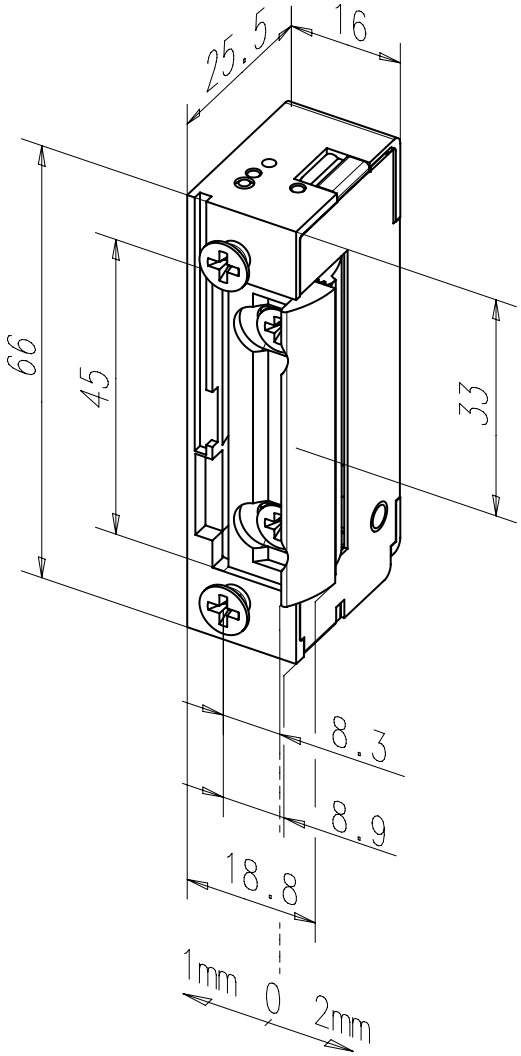
DIN door swing directions	
Universal	1

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

Order no.	
118---------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with mechanical unlocking.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

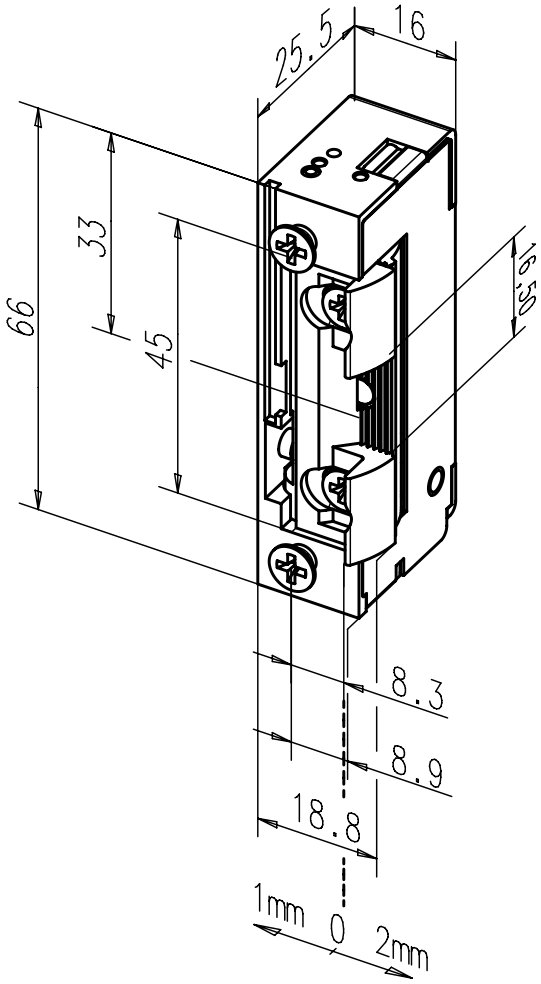
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

DIN door swing directions	
Universal	1

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

Order no.	
118E--------	**1

Fail-locked 118E130
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with mechanical unlocking system for the electric strike latch. Suitable for use with roller keep locks or latch bolt slides.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with striking plates with latch bolt slide
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
For latch bolt slide	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	

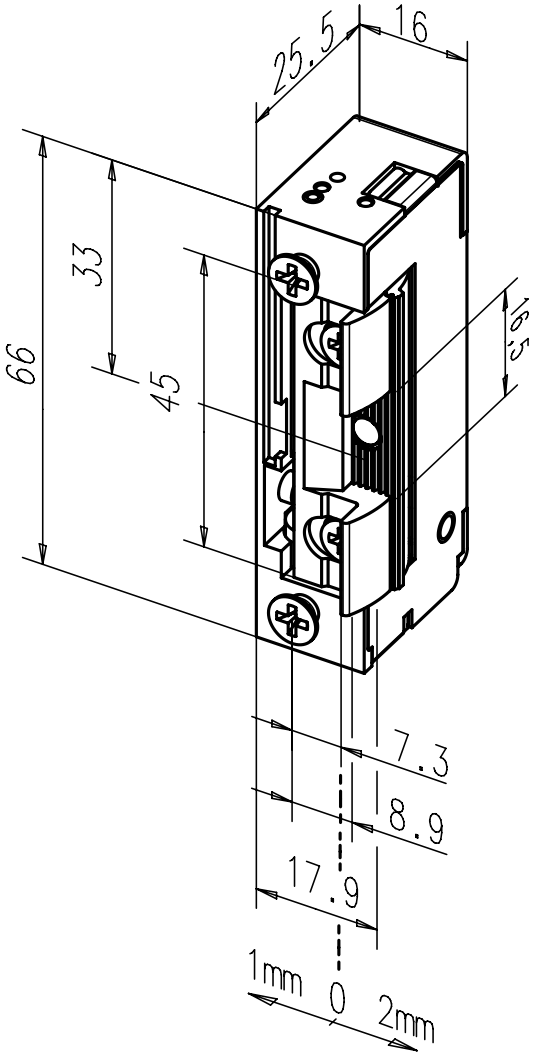
DIN door swing directions	
Universal	1

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

Order no.	
118E130-----	****1**

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E190
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with mechanical unlocking system for the electric strike latch. Suitable for use with roller keep locks or latch bolt slides.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Keeper made with brass
- Compatible with current mortise locks
- Compatible with striking plates with latch bolt slide
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
For latch bolt slide	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	

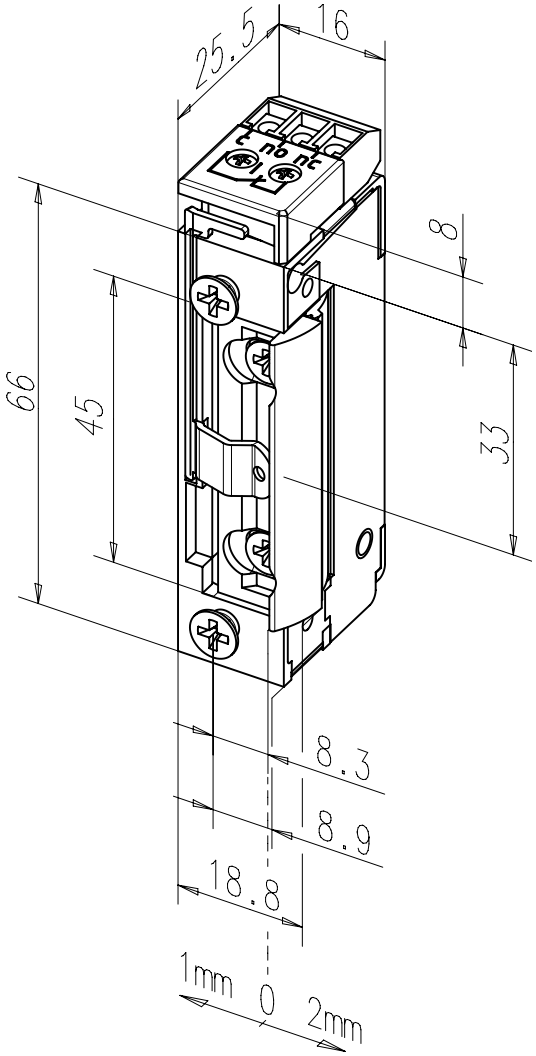
DIN door swing directions	
Universal	1

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

Order no.	
118E190-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118RR
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

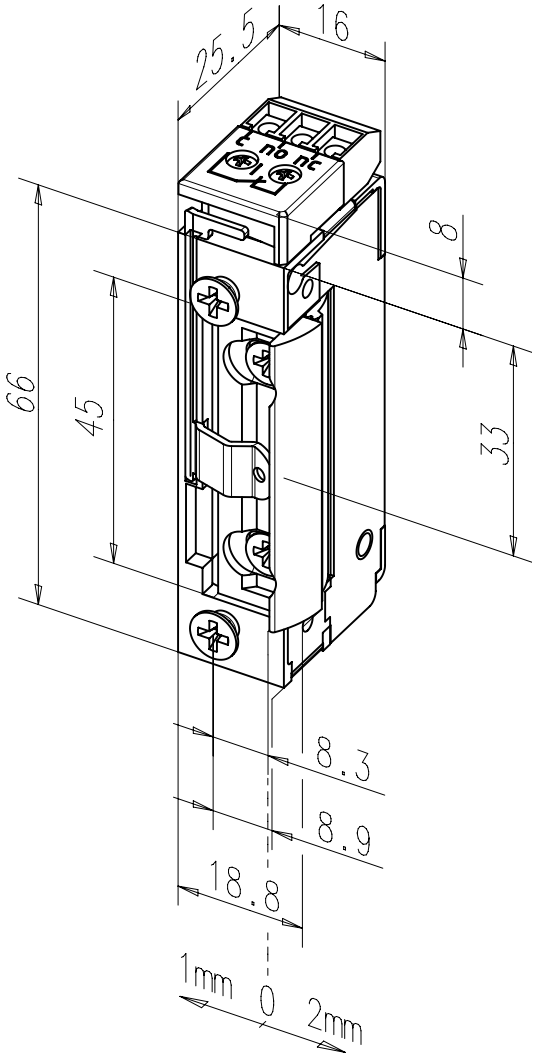
DIN door swing directions	
Universal	1

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

Order no.	
118RR-------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118RRE
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt. The door strike latch in this model can also be unlocked mechanically.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

DIN door swing directions	
Universal	1

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

Order no.	
118RRE------	* * 1

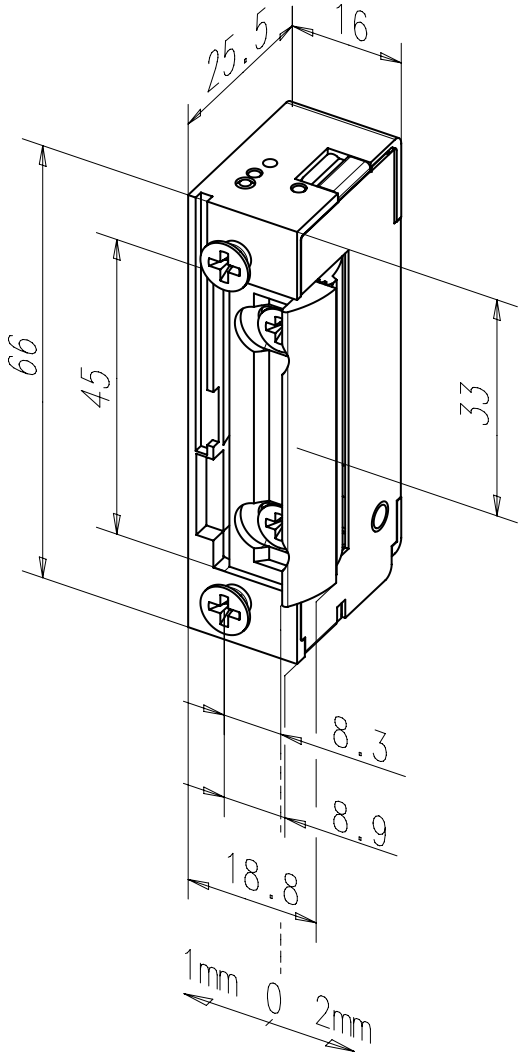
Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 11805
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with bipolar protective diode for access control systems.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

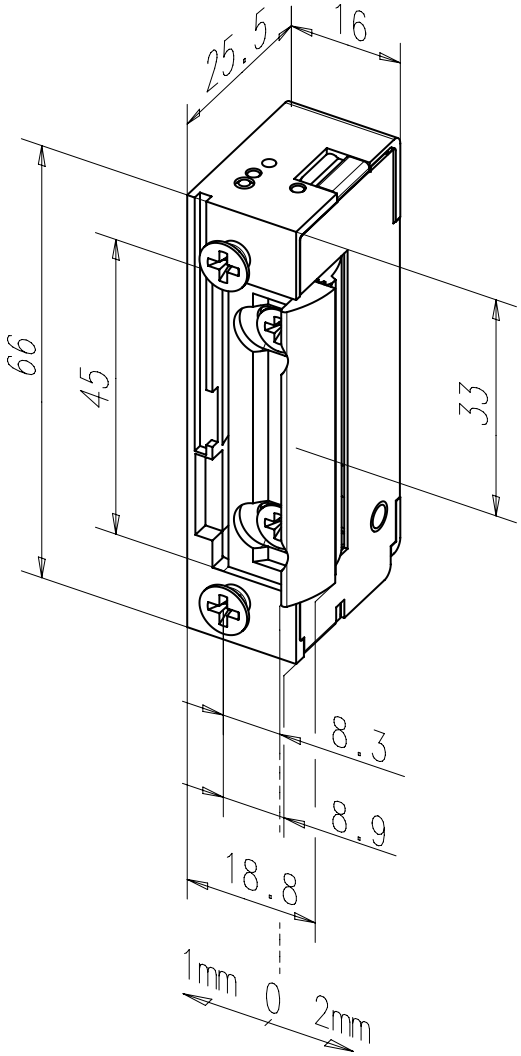
DIN door swing directions	
Universal	1

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

Order no.	
11805-------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 11805E
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with bipolar protective diode for access control systems and mechanical unlocking.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

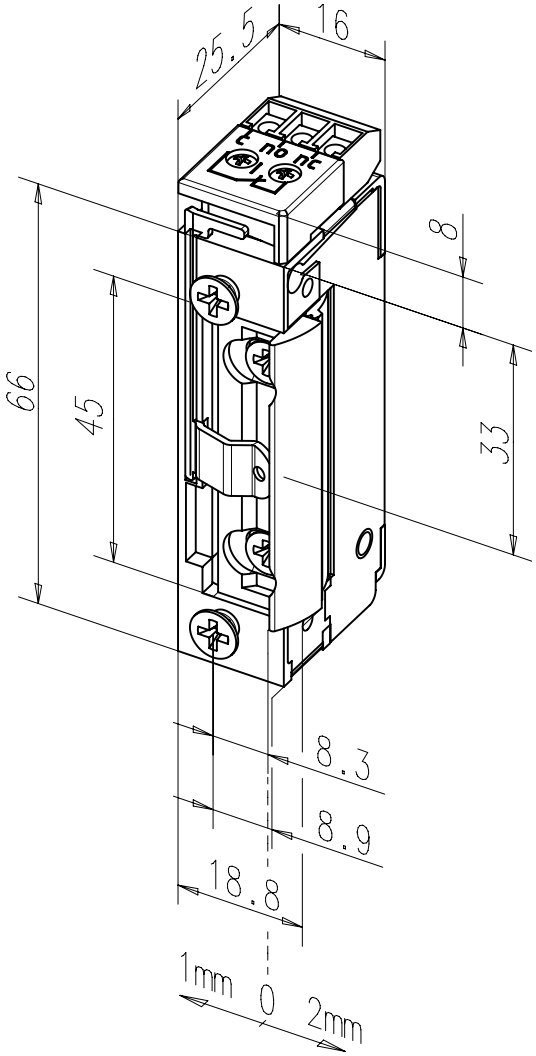
DIN door swing directions	
Universal	1

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

Order no.	
11805E------	**1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 11805RR
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with bipolar protective diode for access control systems. Monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

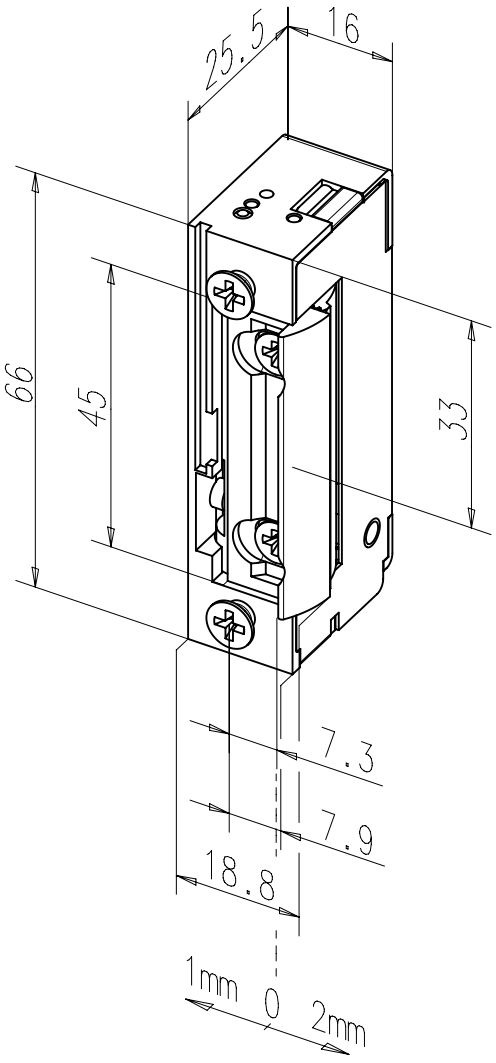
DIN door swing directions	
Universal	1

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

Order no.	
11805RR-----	****1**

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118.500
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with basic equipment and screw holes which are offset by 1 mm towards opening side.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Hold-open function	

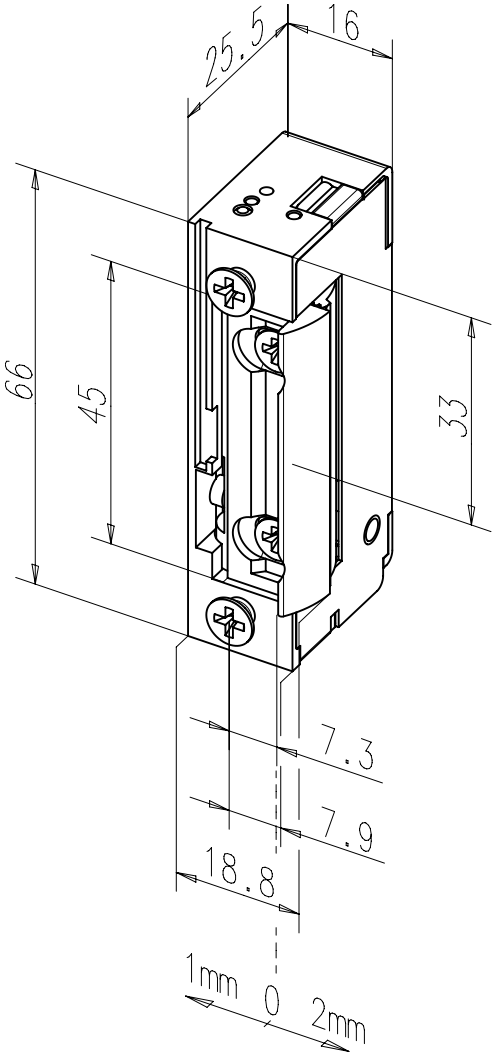
DIN door swing directions	
Universal	1

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

Order no.		
118.500-----	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E500
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with mechanical unlocking and screw holes offset by 1 mm towards opening side.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Hold-open function	

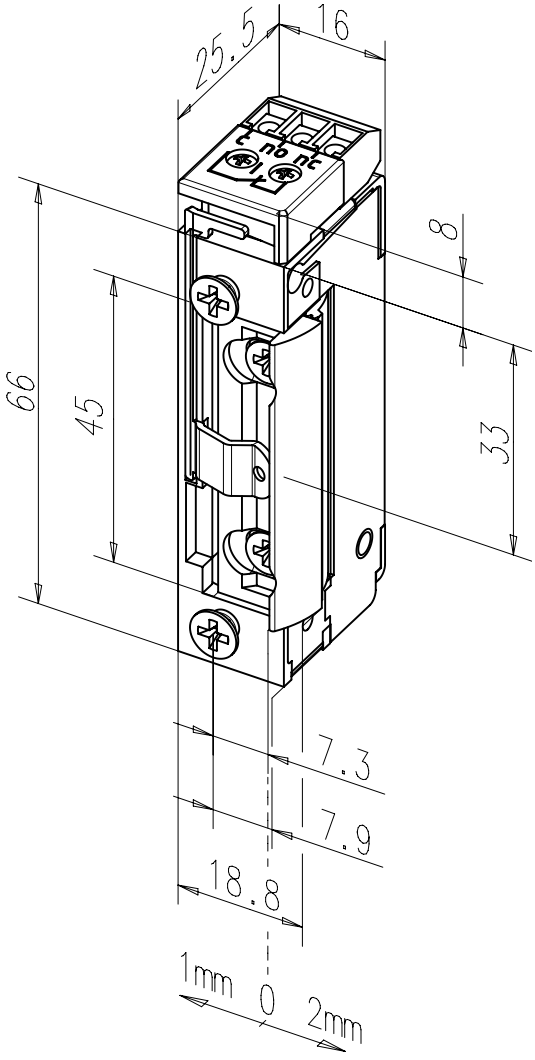
DIN door swing directions	
Universal	1

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

Order no.	
118E500-----	**1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118.504
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact and screw holes which are offset by 1 mm towards opening side.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	

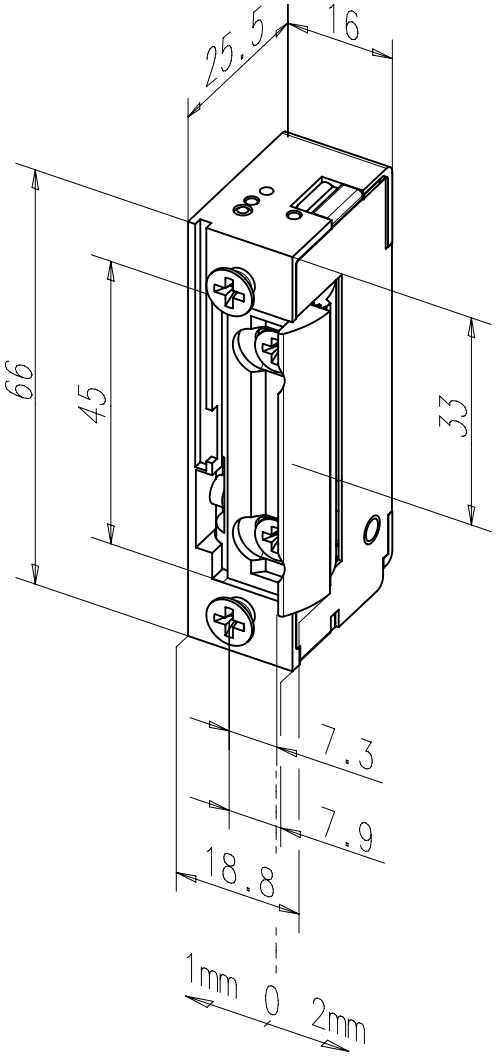
DIN door swing directions	
Universal	1

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

Order no.		
118.504-----	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118.505
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with bipolar protective diode for access control systems and screw holes offset by 1 mm towards opening side.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Hold-open function	

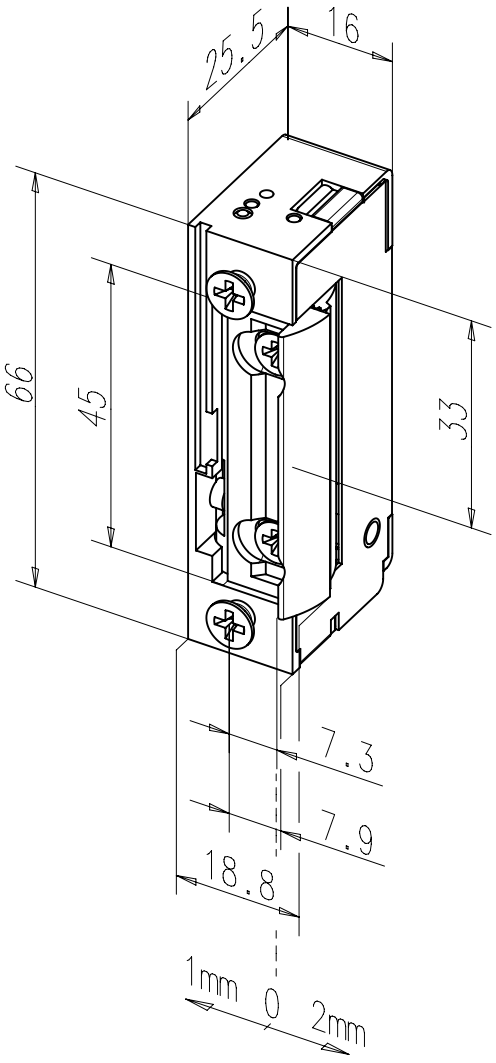
DIN door swing directions	
Universal	1

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

Order no.		
118.505-----	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E505
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with bipolar protective diode for access control systems, mechanical unlocking and screw holes offset by 1 mm towards opening side.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	•
Fail-locked	•
Hold-open function	

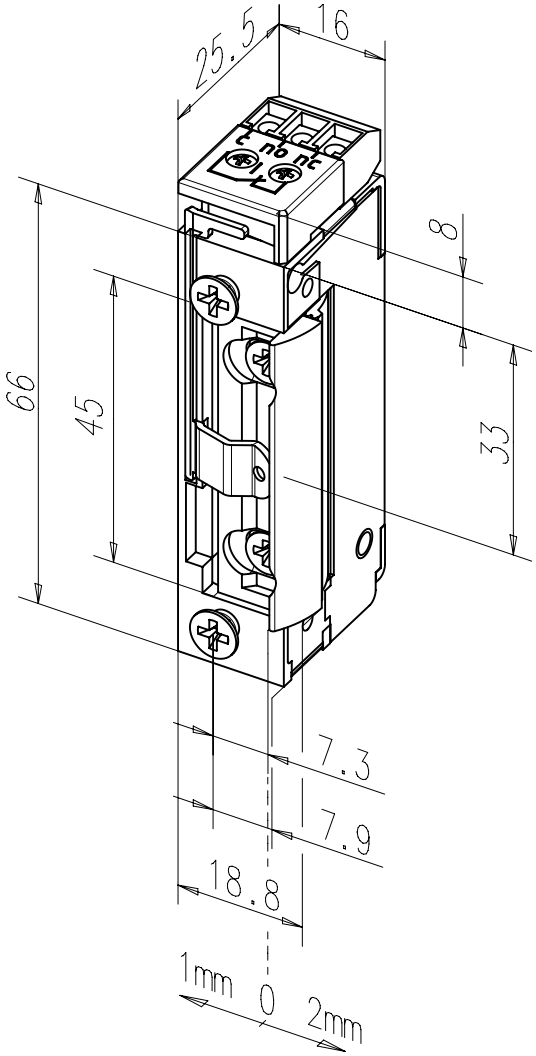
DIN door swing directions	
Universal	1

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

Order no.	
118E505-----	**1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118.506
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with bipolar protective diode for access control systems. Monitoring contact as potential-free changeover contact and screw holes offset by 1 mm towards opening side.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Hold-open function	

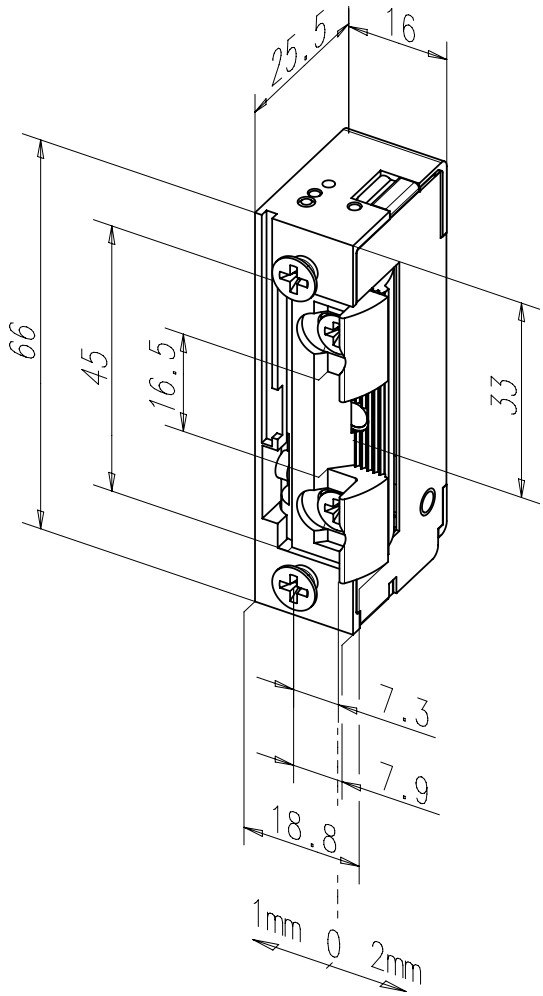
DIN door swing directions	
Universal	1

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

Order no.	
118.506-----	****1**

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118E530
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)

Model with mechanical unlocking. Suitable for use with roller keep locks or latch slides. This model also features screw holes which are offset 1 mm towards opening side.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Plug-in connecting cable available
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Drill hole offset by 1 mm	•
For latch bolt slide	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•

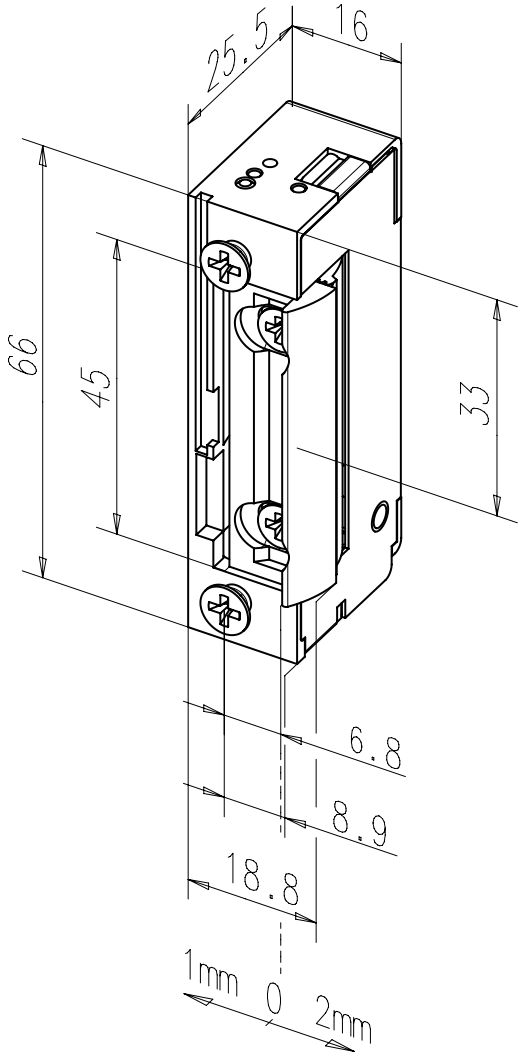
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

DIN door swing directions	
Universal	1

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

Order no.	
118E530-----	* * 1

Fail-locked 118E340
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with mechanical unlocking and FaFix® surface-mounted attachment 1.5 mm thick.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

DIN door swing directions	
Universal	1

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

Order no.		
**118E340-----	* *	**1**

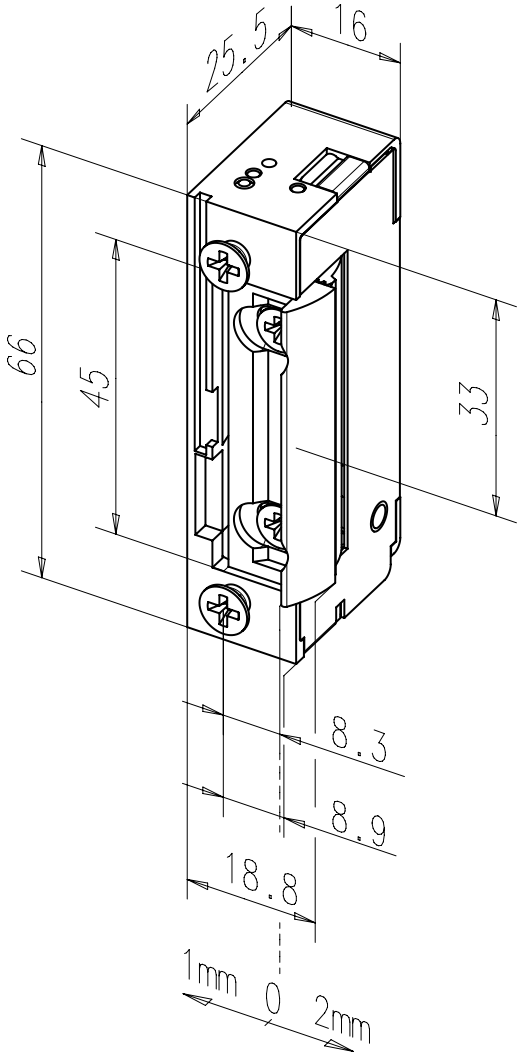
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118K
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with connection cable, 2 x 0.5 x 2,500 mm.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Connecting cable	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Hold-open function	

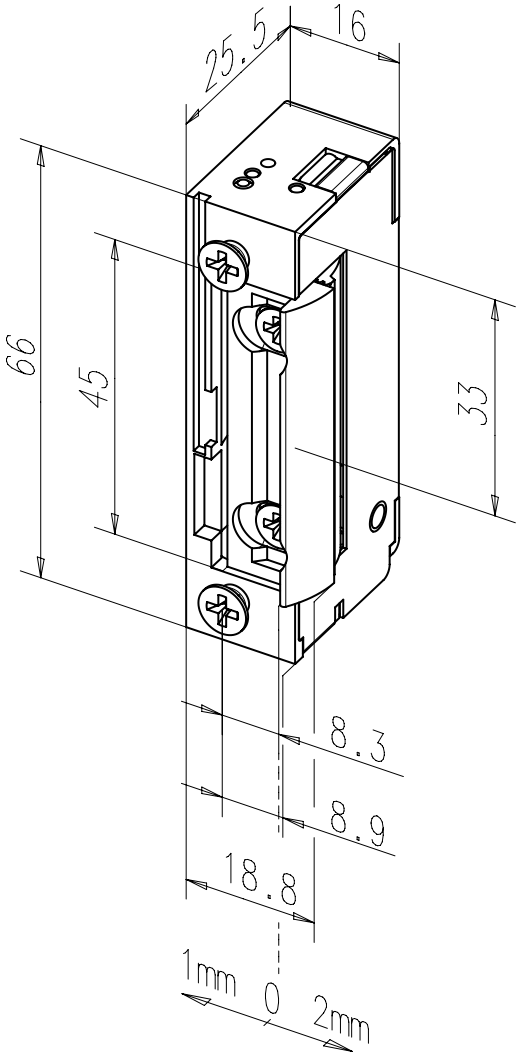
DIN door swing directions	
Universal	1

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

Order no.	
118K--------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118EK
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 with FaFix® (FF)
Model with mechanical unlocking and connection cable, 2 x 0.5 x 2,500 mm.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Connecting cable	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Hold-open function	

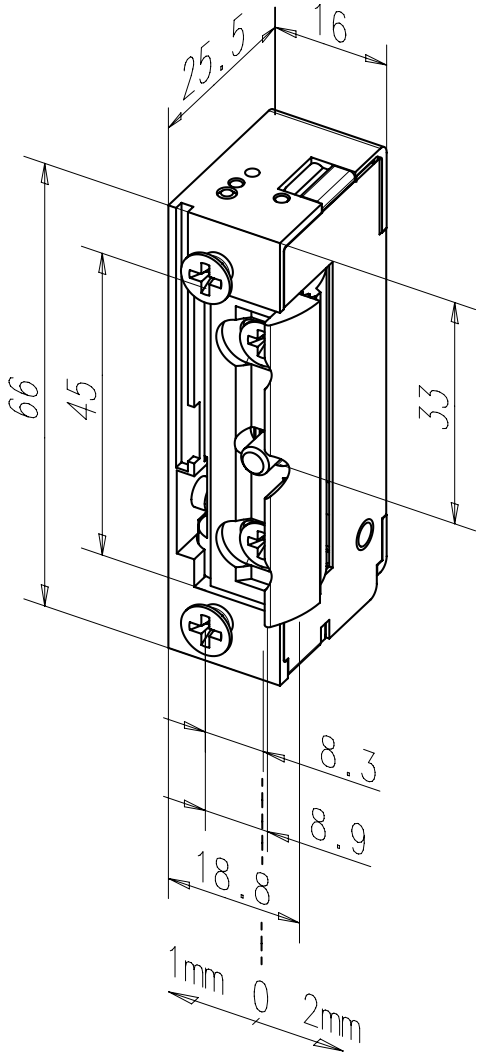
DIN door swing directions	
Universal	1

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

Order no.	
118EK-------	*** * 1**

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function 128
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 128 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

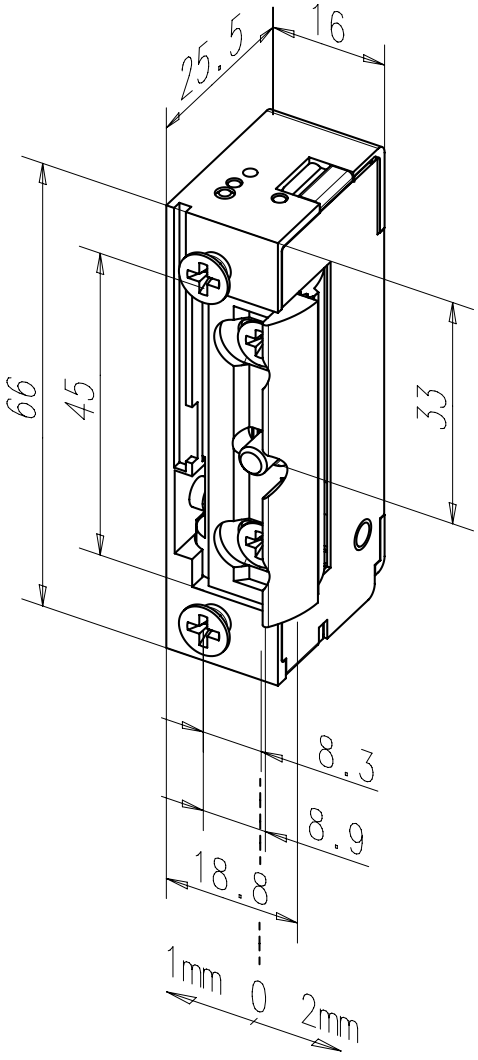
DIN door swing directions	
Universal	1

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

Order no.	
128---------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function 128E
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 128 with FaFix® (FF)
Model with mechanical unlocking.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

DIN door swing directions	
Universal	1

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

Order no.	
128E--------	* * 1

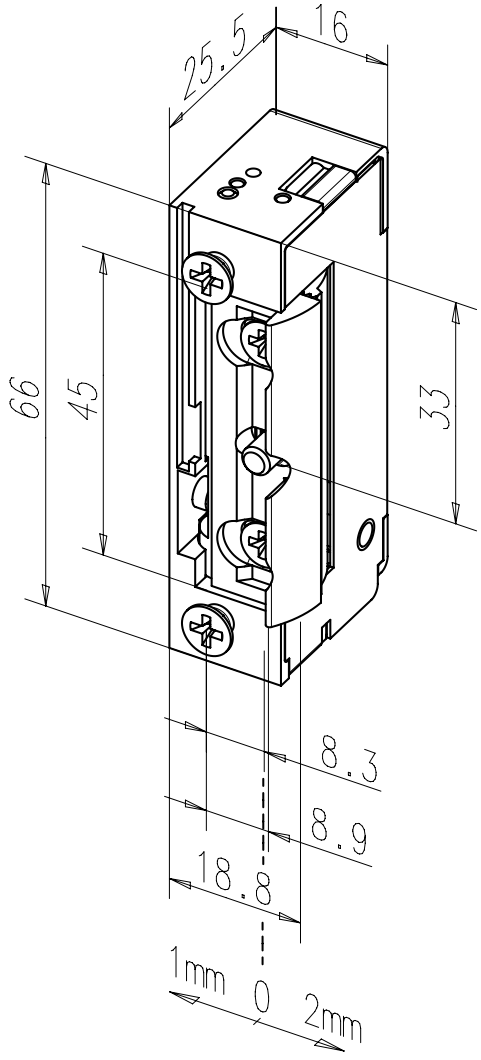
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function 128K
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 128 with FaFix® (FF)
Model with connection cable, 2 x 0.5 x 2,500 mm.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Connecting cable	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Hold-open function	•

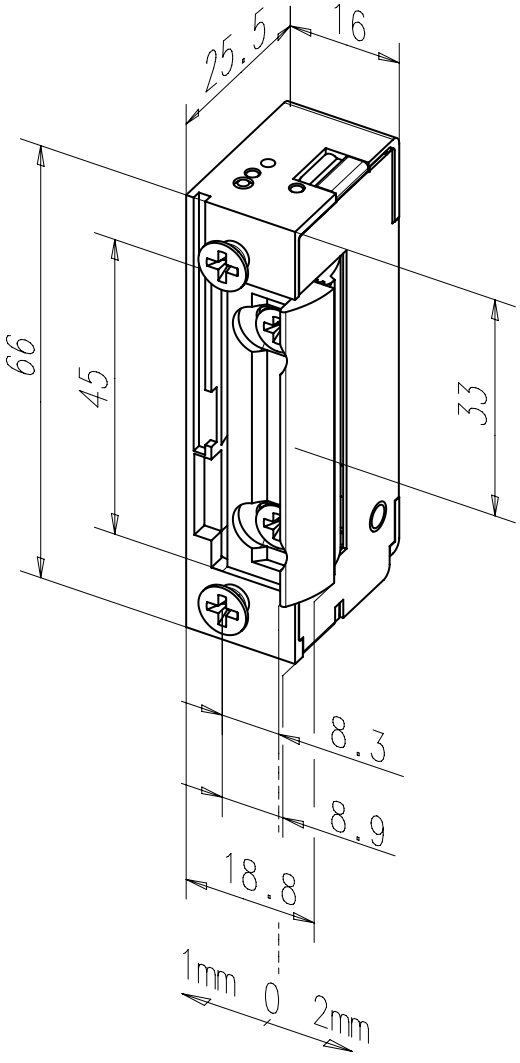
DIN door swing directions	
Universal	1

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

Order no.	
128K--------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-unlocked 138
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- 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. latch preload DC (stabilised)	30 N	30 N
Contact loading capacity	1 A	1 A

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	
Fail-unlocked	•
Hold-open function	

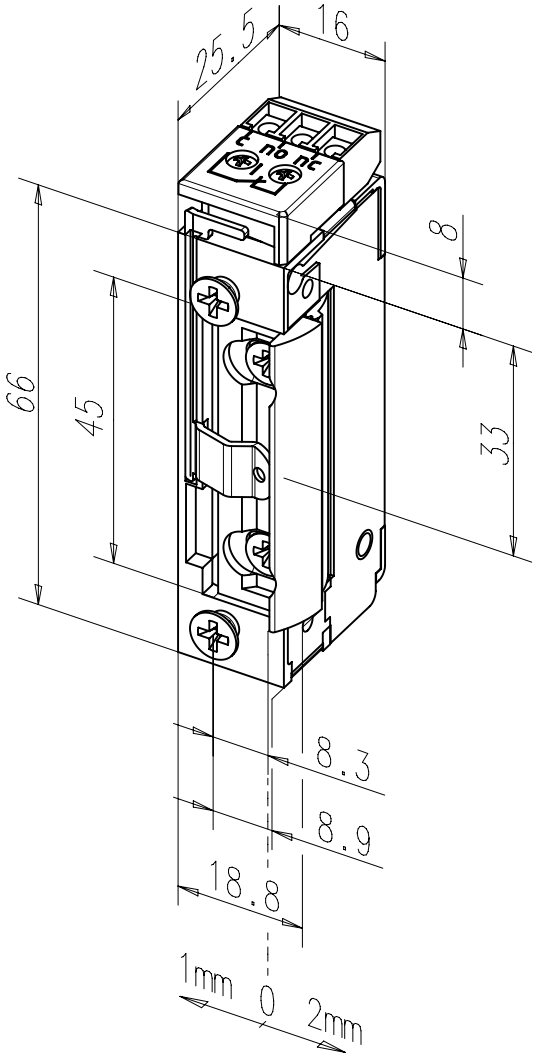
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
138---------	* * 1

Fail-unlocked 138RR
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 with FaFix® (FF)

Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	
Fail-unlocked	•
Hold-open function	

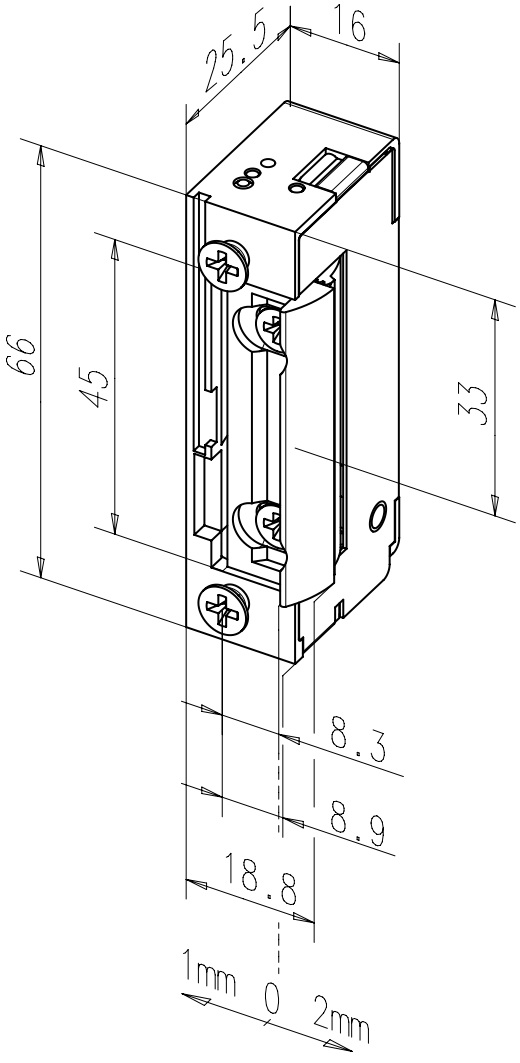
DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
138RR-------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-unlocked 13805
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 with FaFix® (FF)
Model with bipolar protective diode for access control systems.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	
Fail-unlocked	•
Hold-open function	

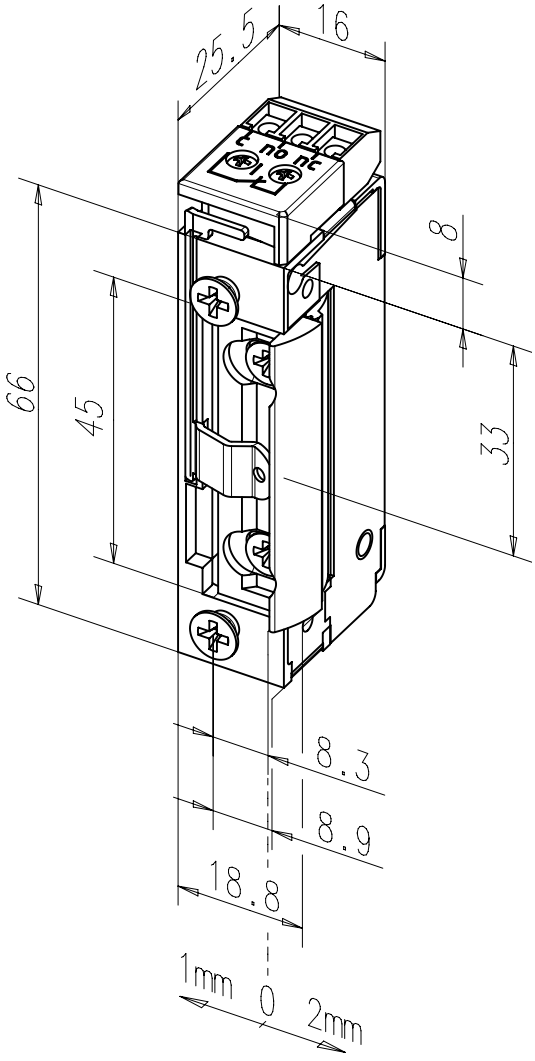
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
13805-------	****1**

Fail-unlocked 13805RR
Technical attributes



effeff Standard Electric Strike 138 with FaFix® (FF)

Model with bipolar protective diode for access control systems. Monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	
Fail-unlocked	•
Hold-open function	

DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
13805RR-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

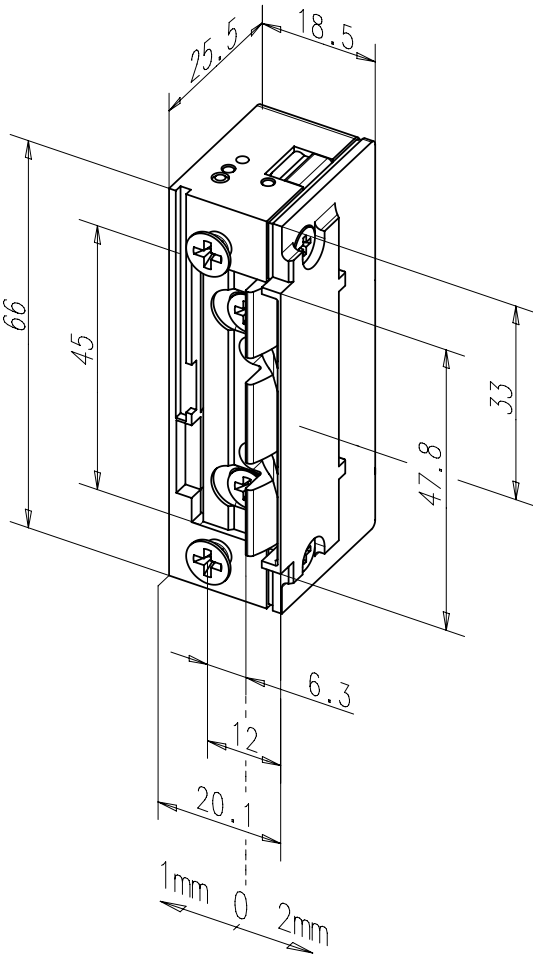
Fail-locked 118.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

DIN door swing directions	
Universal	1

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

Order no.	
118.13------	* * 1

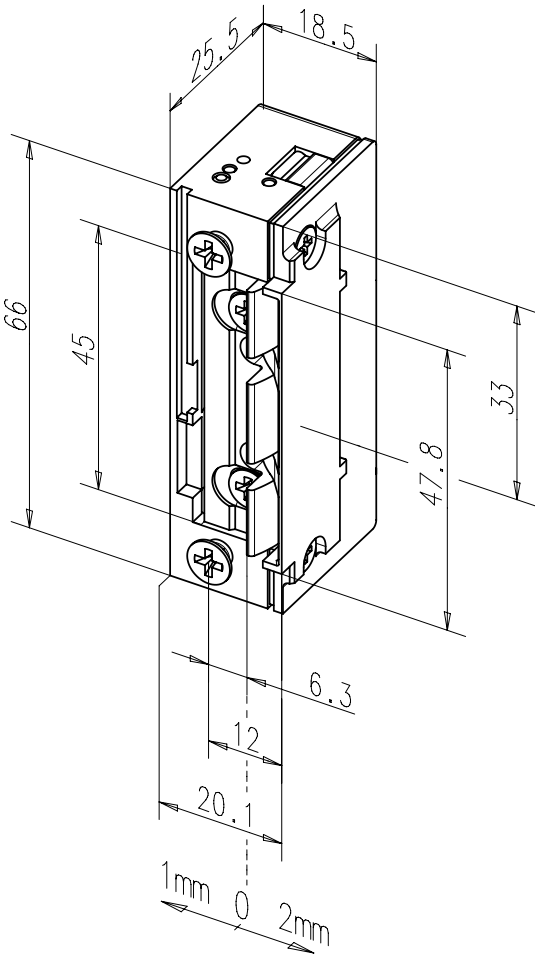
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with mechanical unlocking.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with existing ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

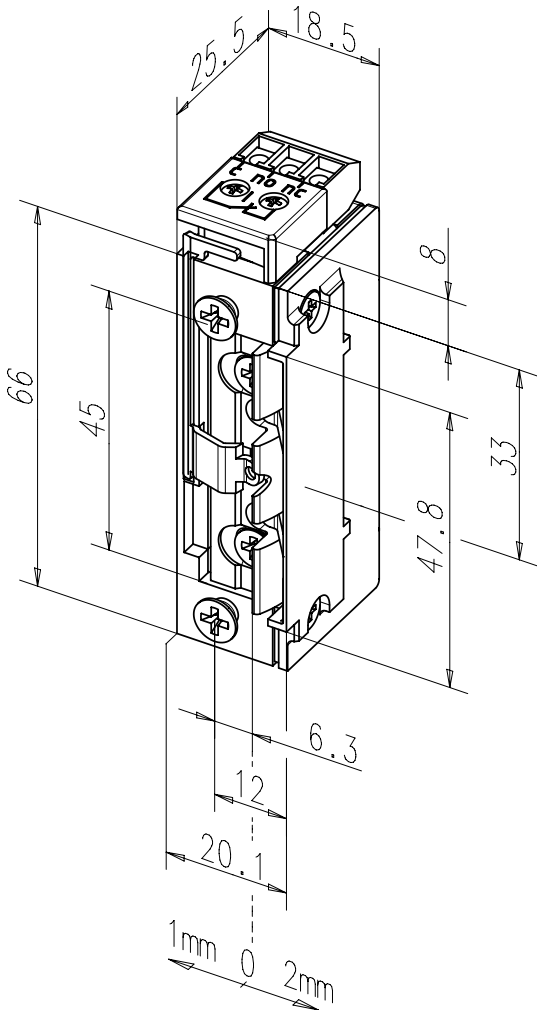
DIN door swing directions	
Universal	1

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

Order no.		
118E.13-----	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118.23 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

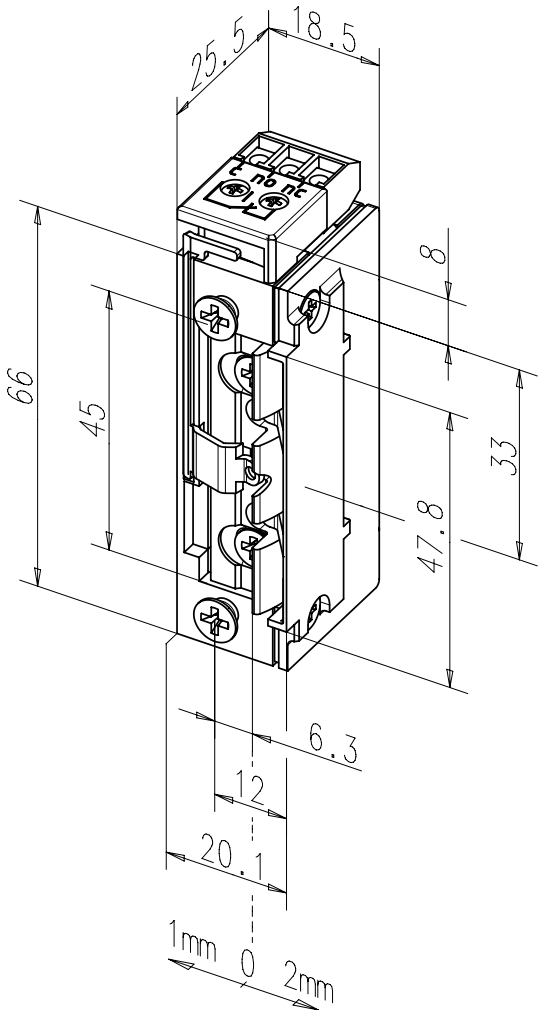
DIN door swing directions	
Universal	1

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

Order no.		
118.23------	*** * 1**	

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118E.23 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt. This model can also be permanently unlocked mechanically.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

DIN door swing directions	
Universal	1

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

Order no.	
118E.23-----	* * 1

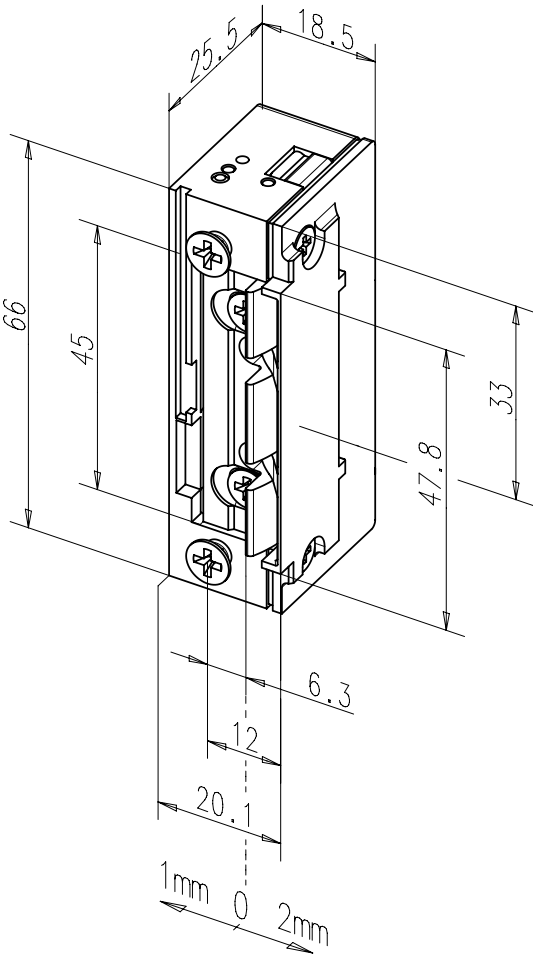
Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118.53 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

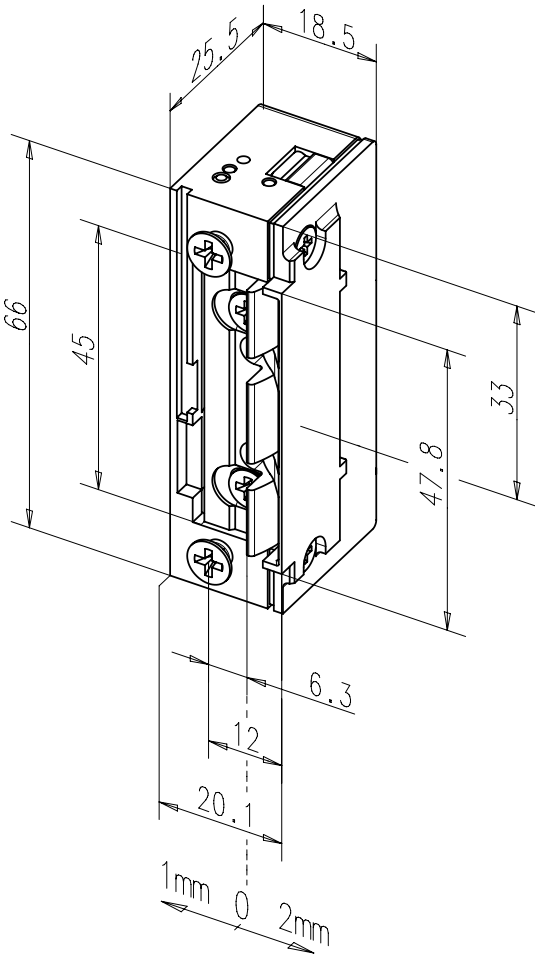
DIN door swing directions	
Universal	1

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

Order no.		
118.53------	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118E.53 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems and mechanical unlocking.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

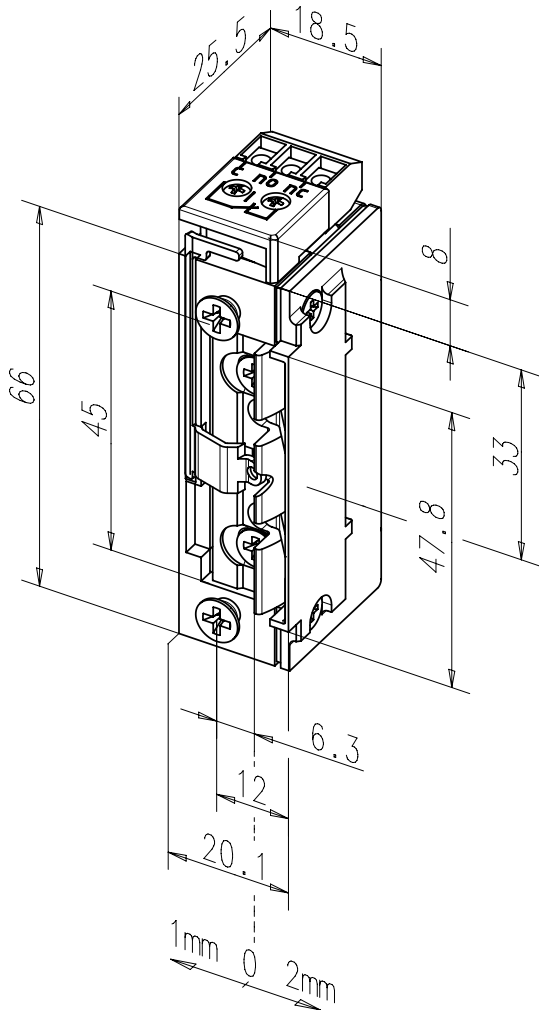
DIN door swing directions	
Universal	1

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

Order no.	
118E.53-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118.63 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems. Monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	•
Fail-unlocked	
Hold-open function	

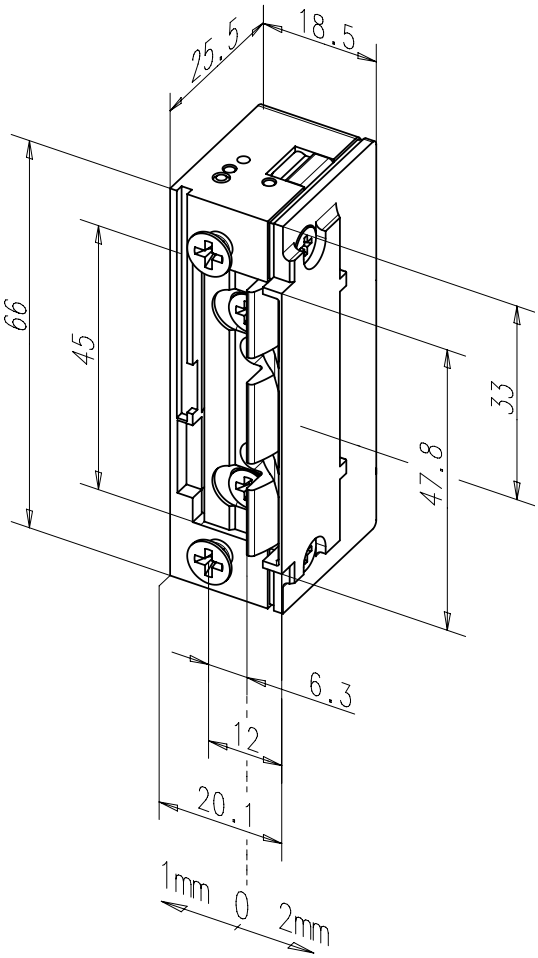
DIN door swing directions	
Universal	1

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

Order no.	
118.63------	****1**

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Fail-locked 118EY13 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with mechanical unlocking. This door strike also includes a reinforced latch bolt spring.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Strong latch bolt spring	•
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Hold-open function	

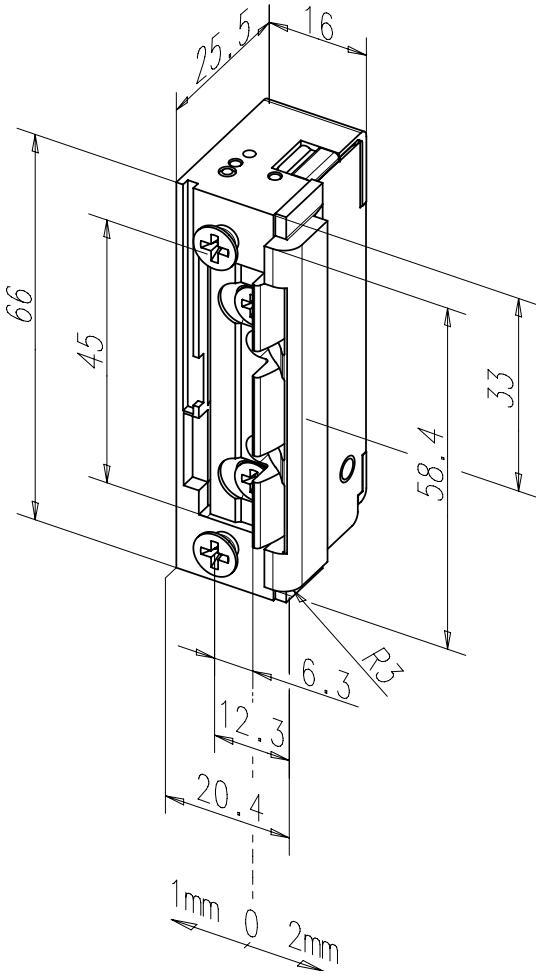
DIN door swing directions	
Universal	1

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

Order no.	
118EY13-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-locked 118.14 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model designed for effeff Striking Angled Plates 78A, 44B, 63B and 82B.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Optimum slindig ramp for a soft interplay with latch bolt
- Usable from a x-dimension of 4 mm or more
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

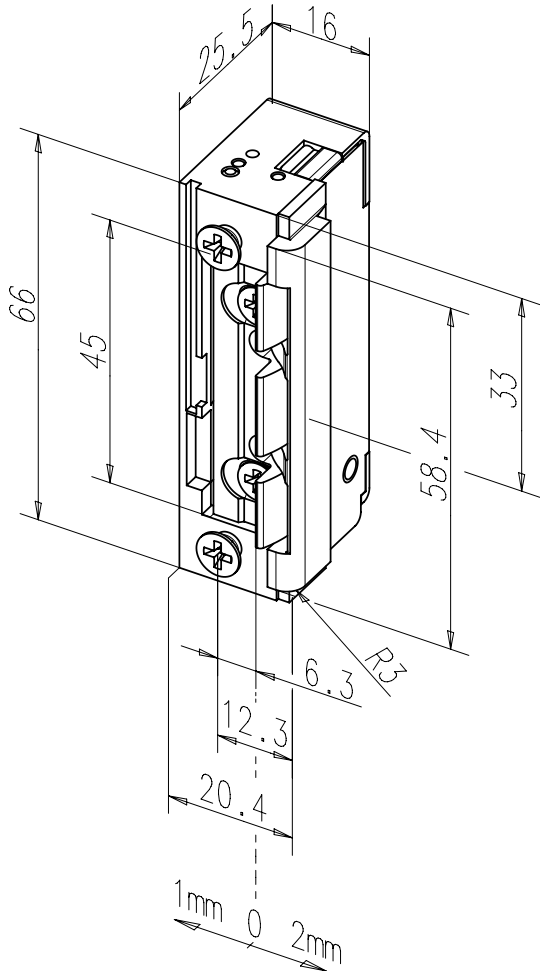
DIN door swing directions	
Universal	1

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

Order no.		
118.14------	* *	1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,4 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-Locked 118E.14 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 118 ProFix 2 with FaFix® (FF)
Model with mechanical unlocking for effeff Striking Angled Plates 78A, 44B, 63B and 82B.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Optimum slindig ramp for a soft interplay with latch bolt
- Usable from a x-dimension of 4 mm or more
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	

DIN door swing directions	
Universal	1

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

Order no.	
118E.14-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,4 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

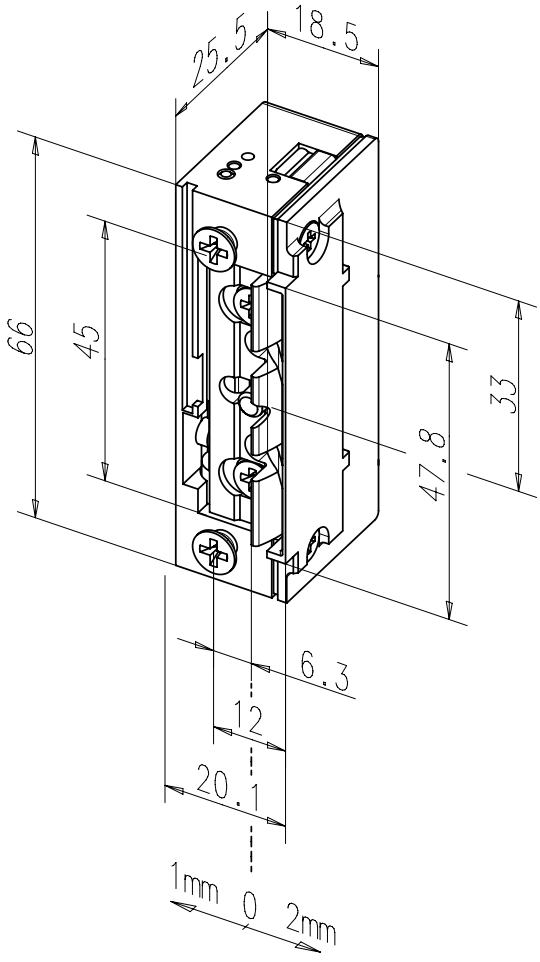
Hold-open function 128.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 128 ProFix® 2 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

DIN door swing directions	
Universal	1

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

Order no.	
128.13------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

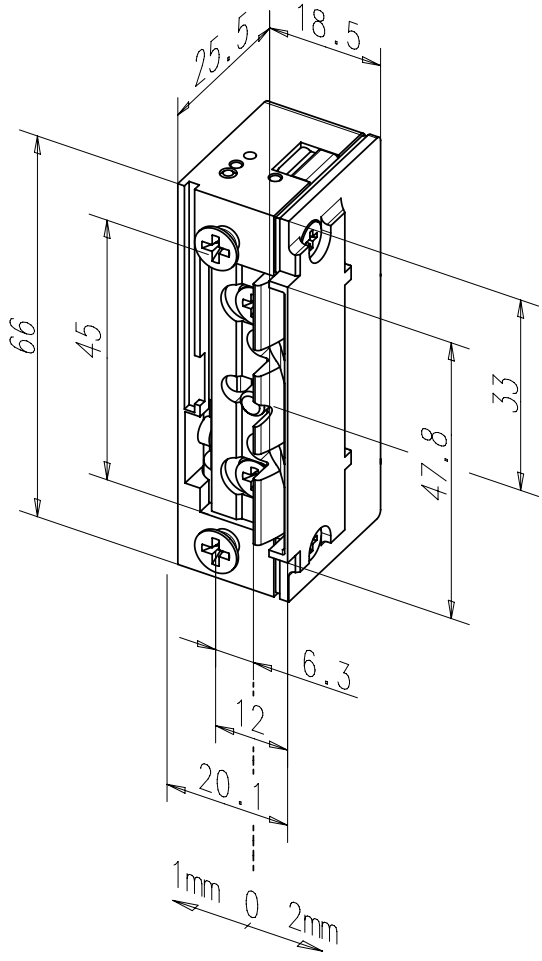
Hold-open function 128E.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Standard Electric Strike 128 ProFix® 2 with FaFix® (FF)
Model with mechanical unlocking.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

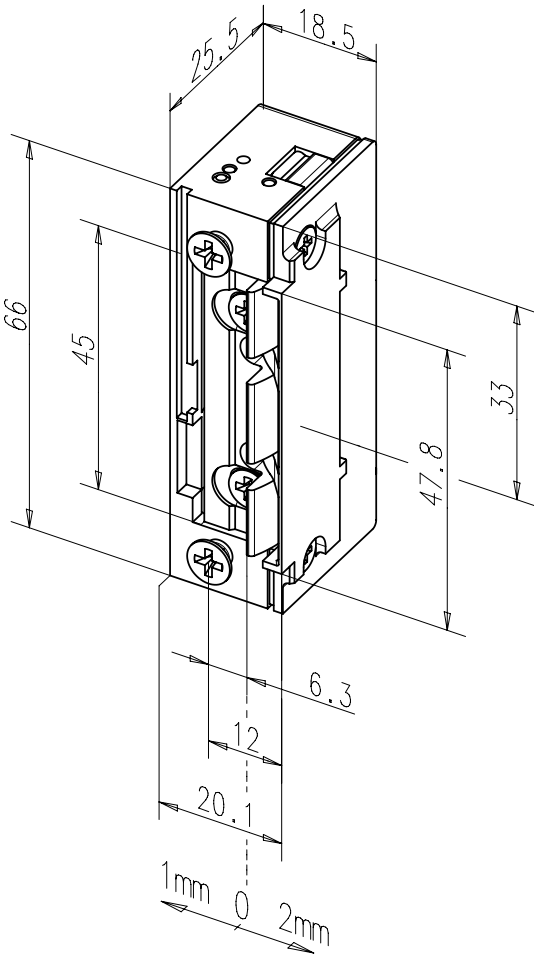
DIN door swing directions	
Universal	1

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

Order no.	
128E.13-----	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-unlocked 138.13 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 ProFix® 2 with FaFix® (FF)
Model with basic equipment.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	
Fail-unlocked	•
Hold-open function	

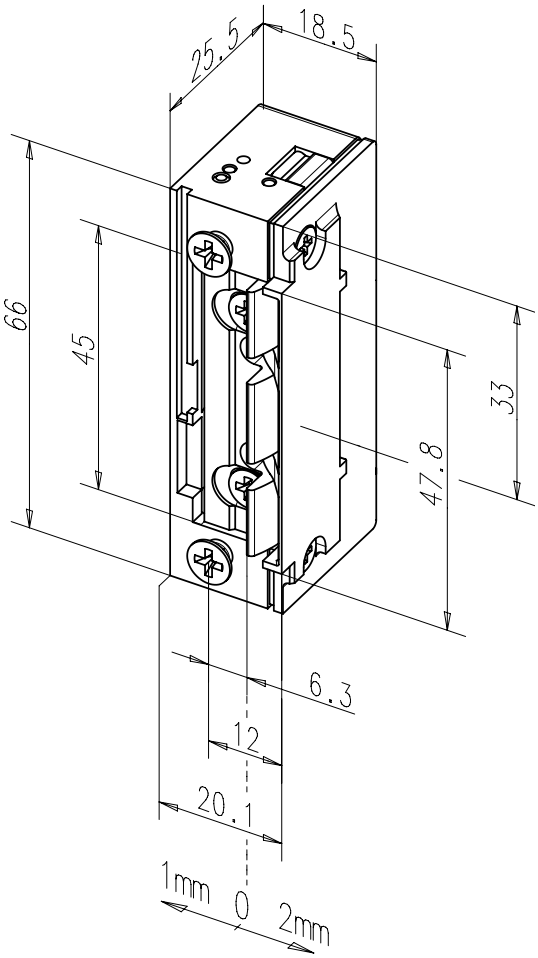
DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
138.13------	*** * 1**

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Fail-unlocked 138.53 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 ProFix® 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	
Fail-unlocked	•
Hold-open function	

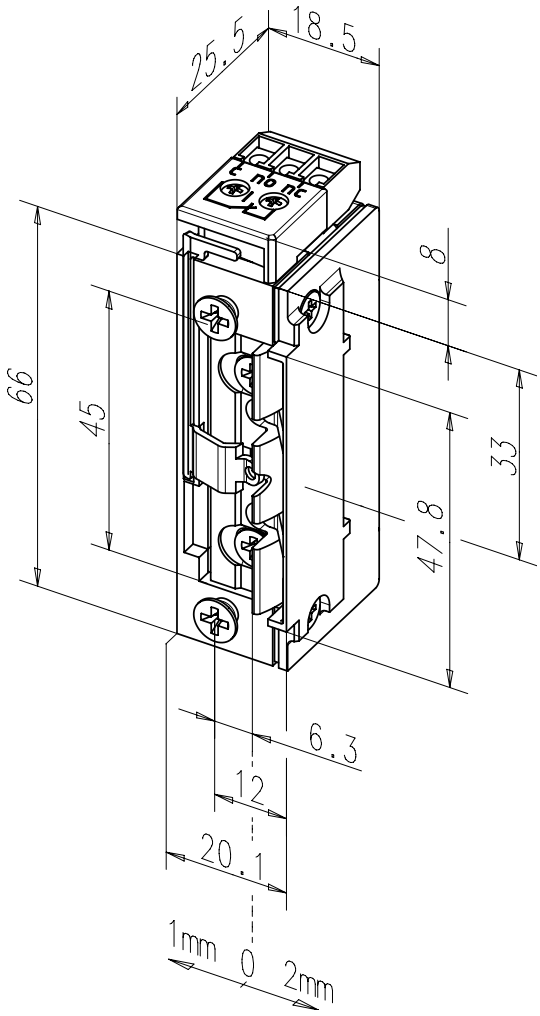
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
138.53------	* * 1

Fail-unlocked 138.63 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 138 ProFix® 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems. Monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- 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. latch preload DC (stabilised)	30 N	30 N

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Mechanical unlocking (E)	
Bi-directional diode	•
Fail-locked	
Fail-unlocked	•
Hold-open function	

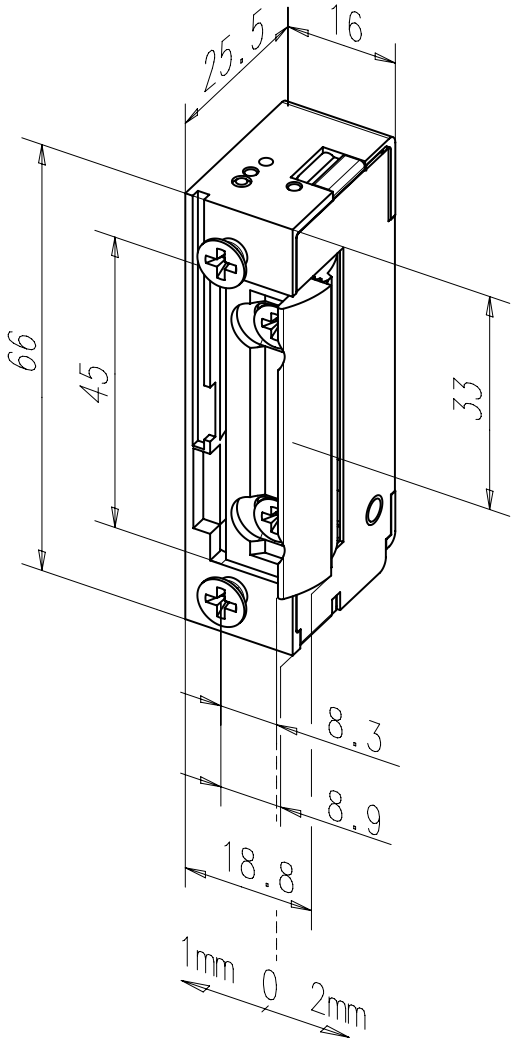
DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

Order no.	
138.63------	****1**

Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	No

Hold-open function, without pin 148
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 148 with FaFix® (FF)
Model with basic fittings and hold-open function.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

DIN door swing directions	
Universal	1

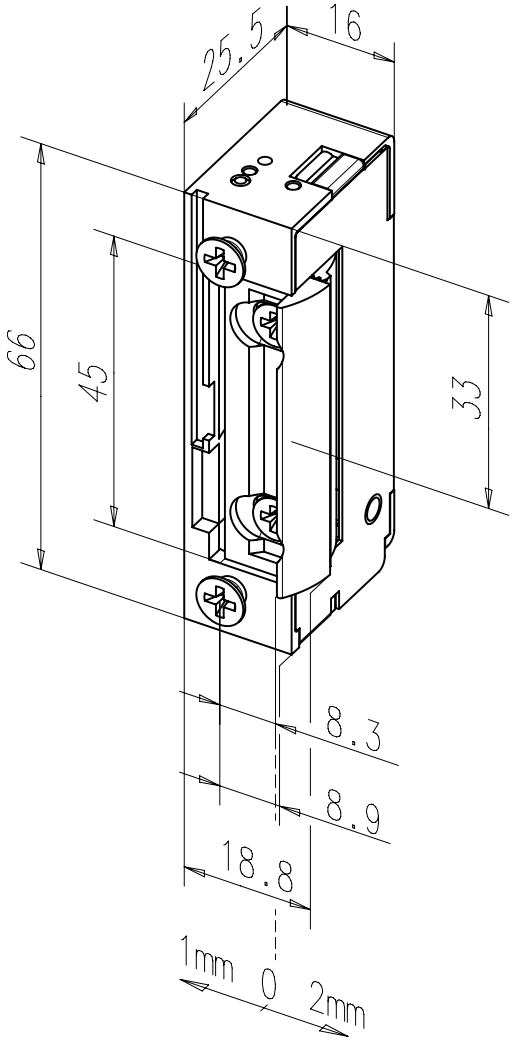
Voltage	
10-24 V AC/DC	A7
22-42 V AC/DC	B7

Order no.	
148---------	* *

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function, without pin 148E

Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 148 with FaFix® (FF)

Model with mechanical permanent unlocking system in door strike latch and hold-open function.

The advantages at a glance

- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with available striking plates
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

DIN door swing directions	
Universal	1

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

Order no.	
148E--------	* * 1

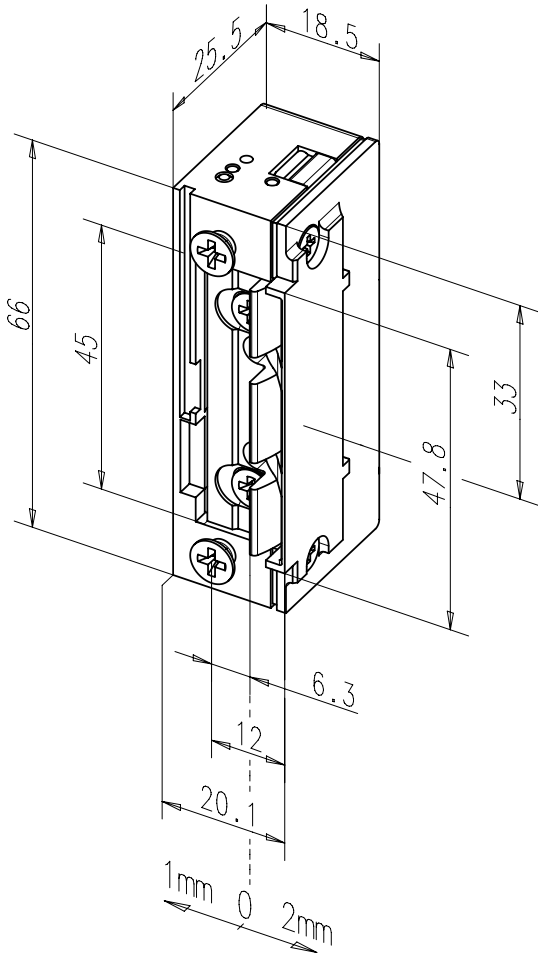
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function, without pin 148.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff ProFix Electric Strike 148.13
Model with basic fittings and hold-open function.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

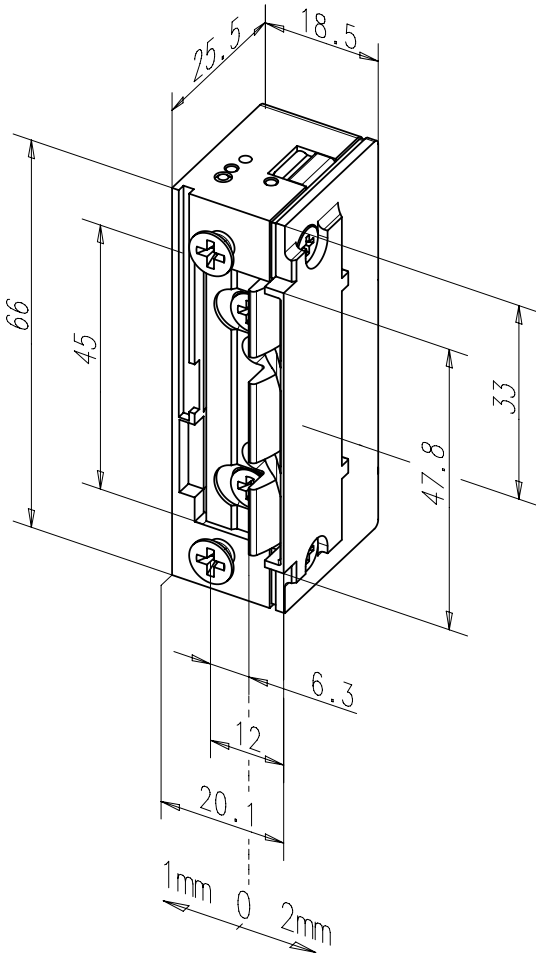
DIN door swing directions	
Universal	1

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

Order no.	
148.13------	* * 1

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

Hold-open function, without pin 148E.13 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Standard Electric Strike 148 with FaFix® (FF)
Model with mechanical permanent unlocking system in door strike latch and hold-open function.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- Universal voltage
- Screw-in Terminal / plug-in connection
- Compatible with current mortise locks
- Compatible with existing ProFix® 2 striking plates
- Optimum slindig ramp for a soft interplay with latch bolt
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Mechanical unlocking (E)	•
Bi-directional diode	
Fail-locked	•
Fail-unlocked	
Hold-open function	•

DIN door swing directions	
Universal	1

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

Order no.	
148E.13-----	*** * 1**

Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	No

The most prevalent versions
Standard

Order codes	10-24V AC/DC	22-42V AC/DC	Pro Fix2	Fail-locked	Fail-unlocked	12V DC 100% power-on time	24V DC 100% power-on time	Unlocking lever	Bipolar protective diode	Monitoring contact	Hold-open function	FaFix +1/-2mm
118---------A71	•			•		•						•
118---------B71		•		•			•					•
118E--------A71	•			•		•		•				•
118E--------B71		•		•			•	•				•
118RR-------A71	•			•		•				•		•
118RR-------B71		•		•			•			•		•
118RRE------A71	•			•		•		•		•		•
118RRE------B71		•		•			•	•		•		•
11805-------A71				•		•			•			•
11805-------B71				•			•		•			•
11805E------A71				•		•		•	•			•
11805E------B71				•			•	•	•			•
11805RR-----A71				•		•			•	•		•
11805RR-----B71				•			•		•	•		•
128---------A71	•			•		•					•	•
128---------B71		•		•			•				•	•
128E--------A71	•			•		•		•			•	•
128E--------B71		•		•			•	•			•	•
148---------A71	•			•		•					•*	•
148---------B71		•		•			•				•*	•
148E--------A71	•			•		•		•			•*	•
148E--------B71		•		•			•	•			•*	•
138---------E91					•	•						•
138---------F91					•		•					•
13805-------E91					•	•			•			•
13805-------F91					•		•		•			•
138RR-------E91					•	•				•		•
138RR-------F91					•		•			•		•
13805RR-----E91					•	•			•	•		•
13805RR-----F91					•		•		•	•		•
118.130-----A71	•			•		•						
118E130-----A71	•			•		•		•				

* = Hold open function without pin

Note:
Other combinations possible, such as 128 with a bipolar protective diode = 12805-------A71
· Fail-unlocked electric strikes in Model Range 138 are not suitable for use on escape and emergency access routes

The most prevalent versions of ProFix® 2

Standard

Order codes	10-24V AC/DC	22-42V AC/DC	Pro Fix2	Fail-locked	Fail-un-locked	12V DC 100% power-on time	24V DC 100% power-on time	Unlocking lever	Bipolar protective diode	Monitoring contact	Hold-open function	FaFix +1/-2mm
118.13------A71	•		•	•		•						•
118.13------B71		•	•	•			•					•
118E.13-----A71	•		•	•		•		•				•
118E.13-----B71		•	•	•			•	•				•
118.23-------A71	•		•	•		•				•		•
118.23-------B71		•	•	•			•			•		•
118E.23------A71	•		•	•		•		•		•		•
118E.23------B71		•	•	•			•	•		•		•
118.53-------A71			•	•		•			•			•
118.53-------B71			•	•			•		•			•
118E.53-----A71			•	•		•		•	•			•
118E.53-----B71			•	•			•	•	•			•
118.63------A71			•	•		•			•	•		•
118.63------B71			•	•			•		•	•		•
128.13------A71	•		•	•		•					•	•
128.13------B71		•	•	•			•				•	•
128E.13-----A71	•		•	•		•		•			•	•
128E.13-----B71		•	•	•			•	•			•	•
148---------A71	•			•		•					•*	•
148---------B71		•		•			•				•*	•
148E--------A71	•			•		•		•			•*	•
148E--------B71		•		•			•	•			•*	•
138.13------E91			•		•	•						•
138.13------F91			•		•		•					•
138.23------E91			•		•	•				•		•
138.23------F91			•		•		•			•		•
138.53------E91			•		•	•			•			•
138.53------F91			•		•		•		•			•
138.63------E91			•		•	•			•	•		•
138.63------F91			•		•		•		•	•		•

* = Hold open function without pin

Note:
Other combinations possible, such as 128 with a bipolar protective diode = 12805-------A71
· Fail-unlocked electric strikes in Model Range 138 are not suitable for use on escape and emergency access routes

for fire rated doors

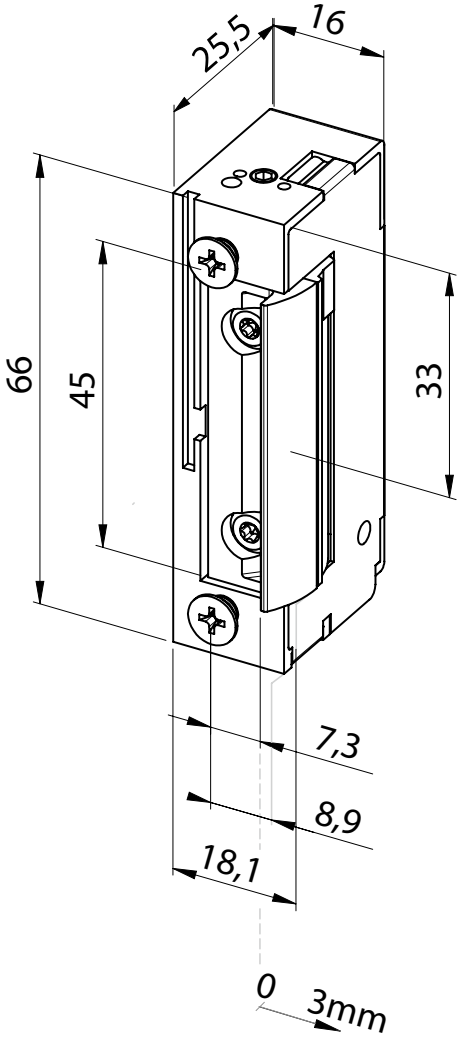
Electric Strike Model 118F
for fire rated doors

Fail-locked 118F
Technical attributes

Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F with FaFix® (FF)
Model with basic equipment. Also useable as a heavy-duty electric strike.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Bi-directional diode	•
Fail-locked	•

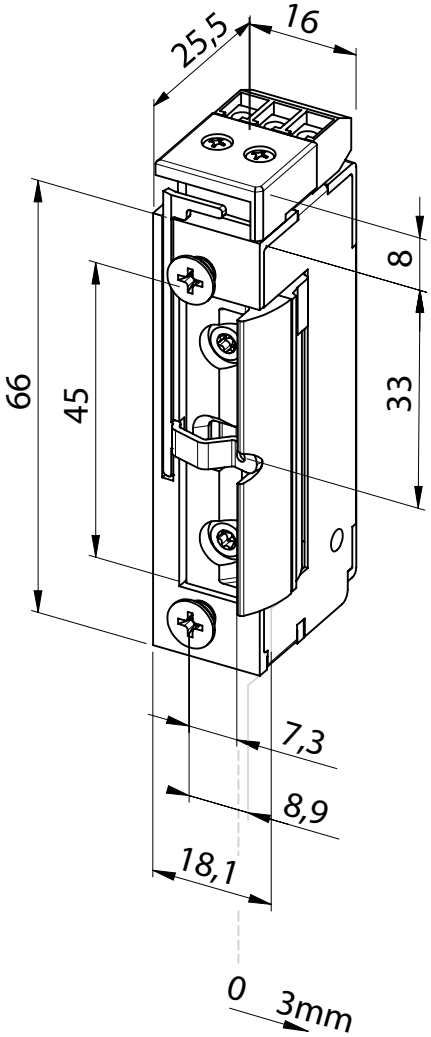
DIN door swing directions	
Universal	1

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

Order no.	
118F--------	* * 1

Technical attributes	
Break-in resistance	9000 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Operating temperature range	-15 °C to +40 °C
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-Locked 118FRR
Technical attributes



Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact, actuated using a lever on the latch bolt. Also useable as a heavy-duty electric strike.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Bi-directional diode	•
Fail-locked	•

DIN door swing directions	
Universal	1

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

Order no.	
118FRR------	* * 1

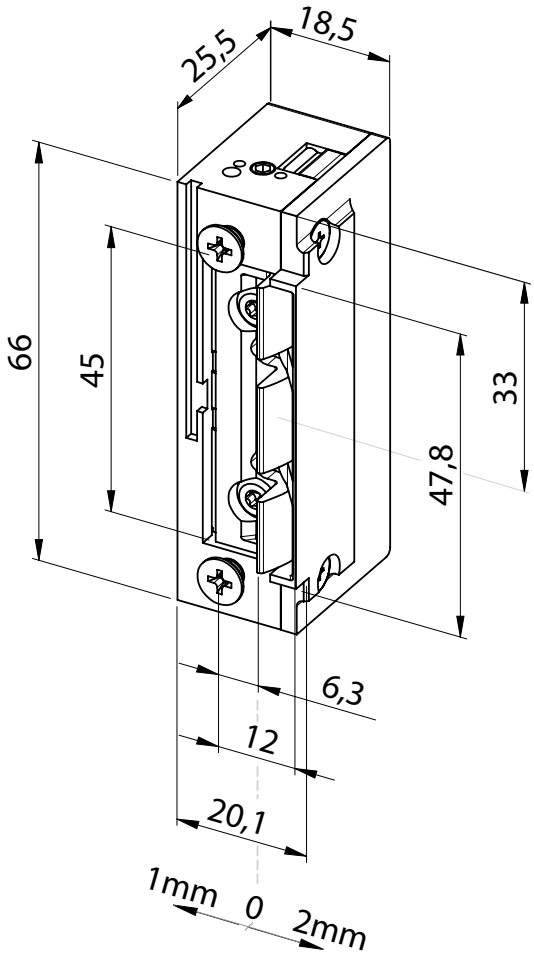
Technical attributes	
Break-in resistance	9000 N
Height	74 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Operating temperature range	-15 °C to +40 °C
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-Locked 118F.13 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F ProFix 2 with FaFix® (FF)
Model with basic equipment. Also useable as a heavy-duty electric strike.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Bi-directional diode	•
Fail-locked	•

DIN door swing directions	
Universal	1

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

Order no.	
118F.13-----	* * 1

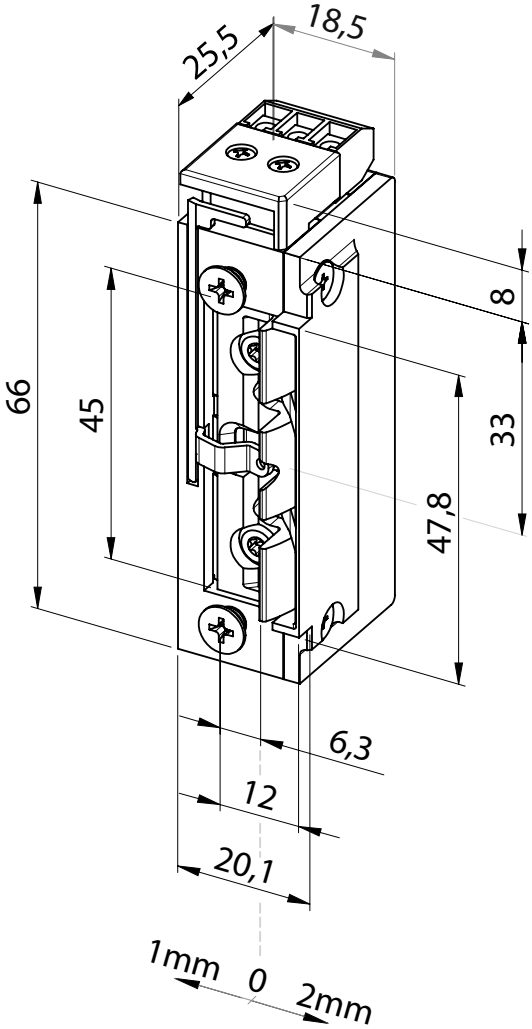
Technical attributes	
Break-in resistance	9000 N
Height	66 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-Locked 118F.23 ProFix® 2
Technical attributes

Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F ProFix 2 with FaFix® (FF)
Model with monitoring contact as potential-free changeover contact, actuated by the latch bolt.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)



Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Bi-directional diode	•
Fail-locked	•

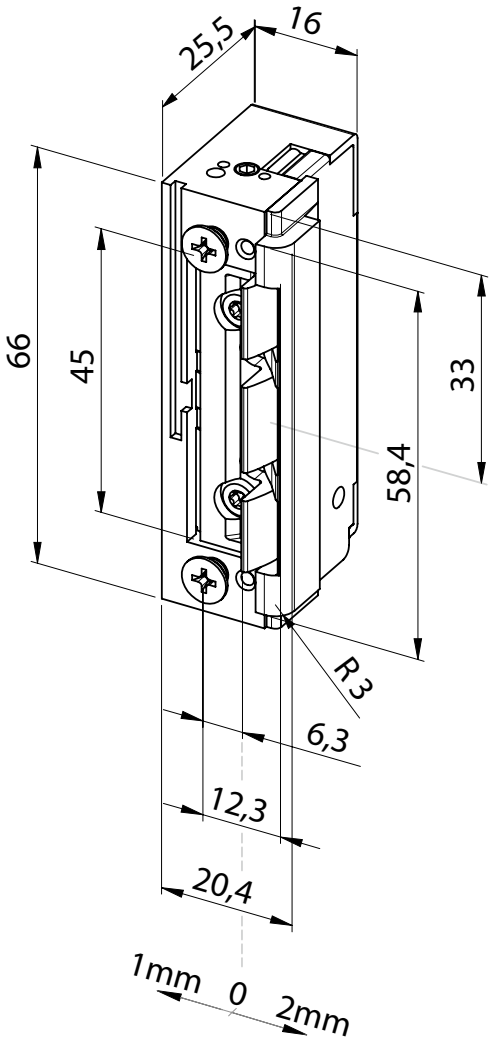
DIN door swing directions	
Universal	1

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

Order no.	
118F.23-----	* * 1

Technical attributes	
Break-in resistance	9000 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-locked 118F.14 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F ProFix 2 with FaFix® (FF)
Model designed for effeff Striking Angled Plates 78A, 44B, 63B and 82B. Also useable as a heavy-duty electric strike.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Optimum slindig ramp for a soft interplay with latch bolt
- Usable from a x-dimension of 4 mm or more
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	
Bi-directional diode	•
Fail-locked	•

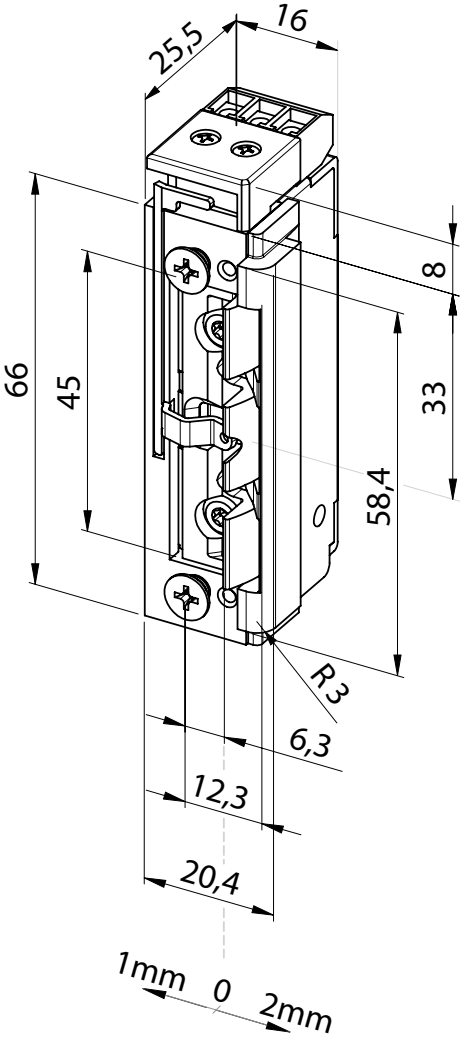
DIN door swing directions	
Universal	1

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

Order no.	
118F.14-----	* * 1

Technical attributes	
Break-in resistance	9000 N
Height	66 mm
Width	20,4 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection	Yes
Test certificate number	P-120003624

Fail-locked 118F.24 ProFix® 2
Technical attributes



Minimum fitting size - maximum effect
effeff Fire-rated Electric Strike 118F ProFix 2 with FaFix® (FF)
Model with bipolar protective diode for access control systems for effeff Striking Angled Plates 78A, 44B, 63B and 82B. Monitoring contact as potential-free changeover contact, actuated by the latch bolt. Also useable as a heavy-duty electric strike.

The advantages at a glance
- Radius keep, FaFix®, adjustable by 3 mm
- FaFix® latch adjustable in 0.5 mm increments
- Universal voltage
- Screw-in Terminal / plug-in connection
- Optimum slindig ramp for a soft interplay with latch bolt
- Usable from a x-dimension of 4 mm or more
- Symmetrical design. DIN left/right as well as horizontal applicable

Electrical data	10-24 V AC/DC	22-42 V AC/DC
Continuous duty	11-13 V DC	22-26 V DC
Rated resistance	43 Ω	200 Ω
AC current consumption	250 mA (12V) 500 mA (24V)	60 mA (24V)
Current consumption DC (stabilised)	280 mA (12V) 560 mA (24V)	120 mA (24V)
Max. latch preload AC	200 N (12V) >350 N (24V)	200 N (24V) >350 N (42V)
Max. latch preload DC (stabilised)	50 N (12V) 200 N (24V)	50 N (24V) 200 N (42V)

Characteristics	
Adjustable latch (FF, FaFix®)	•
Adjustable electric strike (F, Fix)	
Monitoring contact (RR)	•
Bi-directional diode	•
Fail-locked	•

DIN door swing directions	
Universal	1

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

Order no.	
118F.24-----	* * 1

Technical attributes	
Break-in resistance	9000 N
Height	74 mm
Width	20,4 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	6 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity - monitoring contact	24 V / 1 A
Suitability for fire protection	Yes
Test certificate number	P-120003624

The most prevalent versions
Fire protection

Order codes	10-24V AC/DC	22-42V AC/DC	Pro-Fix2	Fail-locked	12V DC 100% power-on time	24V DC 100% power-on time	Bipolar protective diode	Monitoring contact	FaFix +1/-2mm
118F--------A71	•			•	•		•		•
118F--------B71		•		•		•	•		•
118FRR-------A71	•			•	•		•	•	•
118FRR-------B71		•		•		•	•	•	•

Order codes ProFix® 2	10-24V AC/DC	22-42V AC/DC	Pro-Fix2	Fail-locked	12V DC 100% power-on time	24V DC 100% power-on time	Bipolar protective diode	Monitoring contact	FaFix +1/-2mm
118F.13-----A71	•		•	•	•		•		•
118F.13-----B71		•	•	•		•	•		•
118F.23------A71	•		•	•	•		•	•	•
118F.23------B71		•	•	•		•	•	•	•

Order codes ProFix® 2	10-24V AC/DC	22-42V AC/DC	Pro-Fix2	Fail-locked	12V DC 100% power-on time	24V DC 100% power-on time	Bipolar protective diode	Monitoring contact	FaFix +1/-2mm
118F.14-----A71	•		•	•	•		•		•
118F.14-----B71		•	•	•		•	•		•
118F.24------A71	•		•	•	•		•	•	•
118F.24------B71		•	•	•		•	•	•	•

Models 118F.14 and 118F.24 are designed for use in special angled strike plates, such as Strike Plates nos. 78A, 44B and 63B.

Structural engineering regulations (Germany):

According to the German Institute for Building Technology's notifications, electric strikes in fire protection barriers must not be operated with a permanently unlocked function.

Note:
Electric strikes may only be retrofitted to fire doors if there is express approval by the door element manufacturer.

The manufacturer should thus always be contacted for clarification.

Available versions and special solutions in effeff Model Range118 and 118F

The large number of different door system installation locations and structural conditions calls for non-standard solutions.

Series 118.500 with offset screw-on threads

The electric strikes in Series 118.500, 118E500 and 118F500 (also Series 128, 138 and 148) have screw-on threads offset by 1mm towards opening side. The electric strike is thus positioned 1 mm further into the door frame, increasing the door contact pressure by 1 mm. The thread depth is longer than the Standard 118 Series and can thus be easily combined with strike plates up to 1.5 mm thick, such as U-shaped strike plates.

Series 118.13B for PVC profiles

Series 118.13B electric strikes are mainly designed for PVC profiles. Aesthetic appeal is added by the shape of the ProFix2 cover latch bolt guide, which features an outline suitable for use with the most common U-shaped strike plates or keep rails.
The profile wall around the cut-out for the electric strike is still 3 mm thick. The full FaFix adjustment range of 3mm is maintained. This ensures adjustable x measurements between 5.2 mm - 6.2 mm and 7.2 mm - 8.2 mm.

Versions for higher contact pressure

Series 118 Electric strikes can be fitted with a variety of screw-on attachments (FaFix brackets) in the factory. Unlike Model 118.500, the entire electric strike remains in the same installation position, but the contact pressure can be increased by using different screw-on attachments.
Example of item code for contact pressure increased by 1.5 mm: 118E343-----A71
Note: Thicker screw-on attachments are not available for Model 118F.

Version '66' of Model 118E with shorter strike plate screws

Version '66' electric strikes come with shorter M4x6 strike plate screws. They can be used with strike plates between 1.5 mm and 2 mm thick.
Example of item code: 118E--------A7166
Note: Version '66' is not available for Model 118F.

Series 118EY with extra strong latch bolt spring

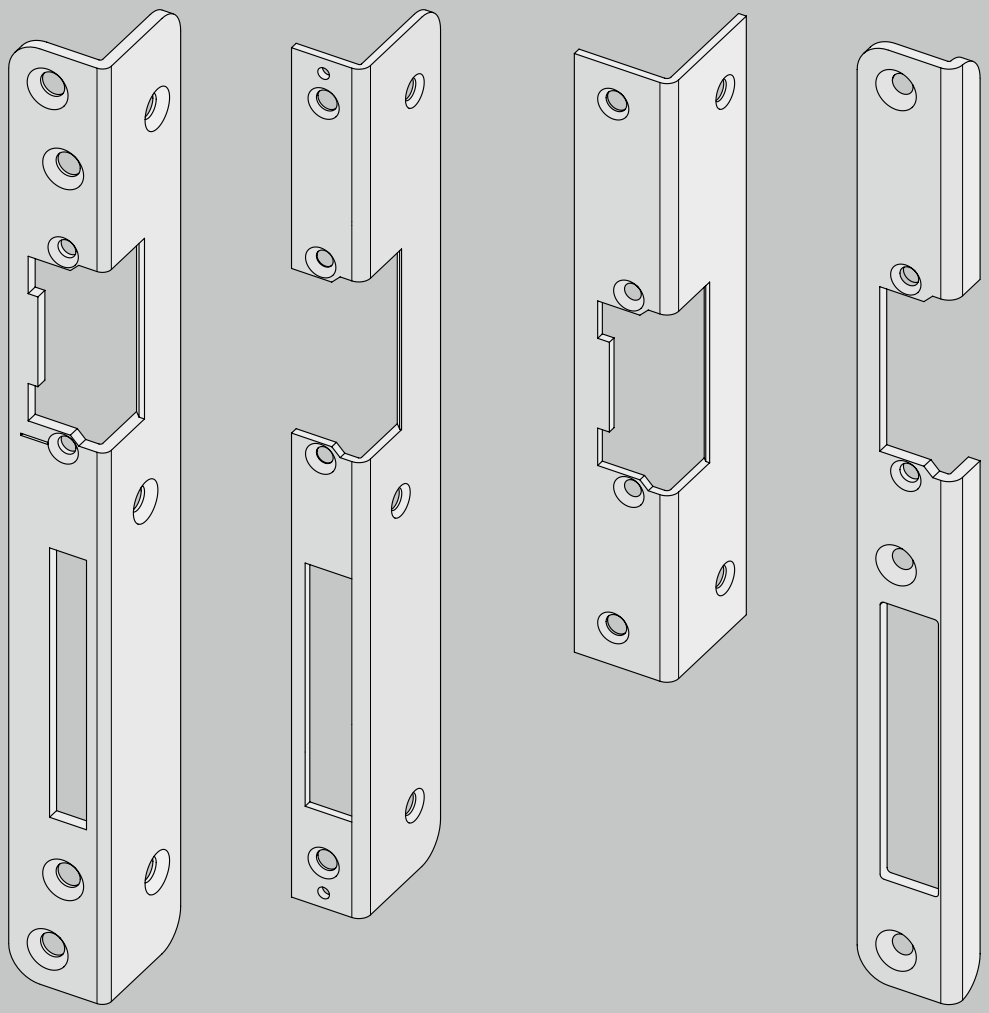
Depending on the door system and door seal design, a stronger latch bolt spring may be beneficial when operating in daytime unlocked mode (unlocking lever). Wind or a difference in air pressure due to air conditioning may push doors open. Series 118EY electric strikes are fitted with a stronger latch spring in the factory to counteract such pressure. Series 118E Electric strikes, such as Item 118E--------A71, are fitted with a 45N* latch spring force as standard. Series 118EY Electric strikes, such as Item 118EY--------A71, are fitted with a 70N* latch spring force as standard.

* Tractive force measured on a door knob in an aluminium door system.

Series 118EQA with weak latch bolt spring

Weak latch bolt springs can reduce noise emission and the force required to open doors. These are primarily used in doors featuring a door closer or door automatics.

Other variations and tailor-made designs are available on request.
Please contact us for further information on **+49 (0) 7431 123 381**



Strike plates for electric strikes for 118 and 118 Series

Strike plates
General information

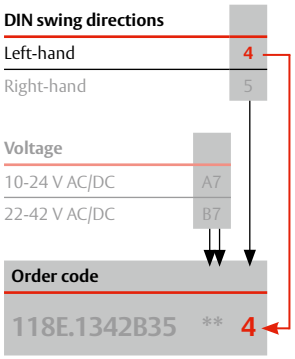
effeff strike plates are available in an extensive range of designs. The electric strikes in Model Range 118 are essentially compatible with our existing range of strike plates. You can find newly designed strike plates on the following pages.

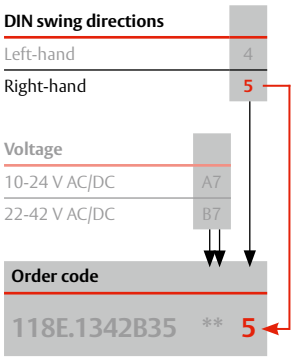
Please note that ProFix 2 Electric Strikes must only be combined with ProFix2 Strike Plates.

effeff supplies strike plates in a wide variety of designs

- Rounded strike plates are mainly used in wood frames.
- Square strike plates are mainly used in metal frames.
- Different latch-bolt dimensions allow different locks to be combined.
- Flat, flanged strike plates are normally used with non-rebated doors and doors which open outwards.
- Angled strike plates are mainly used in wood structures, but are also sometimes used in metal structures.

Order suffix for the DIN swing direction:





From ProFix® 1 to ProFix® 2

This table will help you to change over from ProFix®1 to ProFix®2.

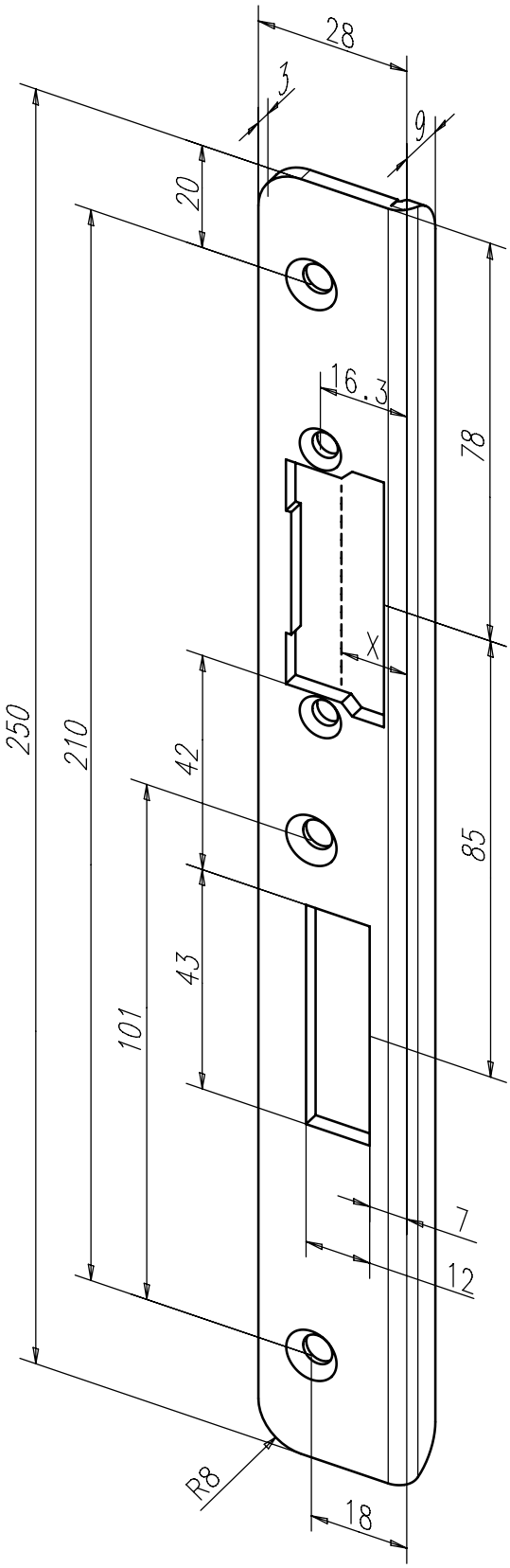
ProFix 1	ProFix 2
-------52035-01	-------94A35-01
-------52135-01	-------14C35-01
	-------15C35-01
-------52335-01	-------20C35-01
-------52235-01	-------21C35-01
-------53535-01	-------22C35-01
-------52435-01	-------23C35-01
-------52935-01	-------24C35-01
-------53435-01	-------25C35-01

Example:
Until now, you have used:
ProFix®1 Strike Plate no. 520
Item no.: -------52035-01

You would now like to use ProFix2.
ProFix®2 Strike Plate no. 94A
Item no.: -------94A35-01

Angled Striking Plate no. 42B

ProFix® 2



Angled striking plate with dead bolt cut-out.

The advantages at a glance

- Slim-fit outer dimensions
- With dead bolt cut-out

Technical attributes	
Length	250 mm
Width	28 mm
Thickness	3 mm
x measurement	8,0 - 11,0 mm
Shank dimension 1	28 mm
Shank dimension 2	9 mm
Dead bolt cutout	Yes

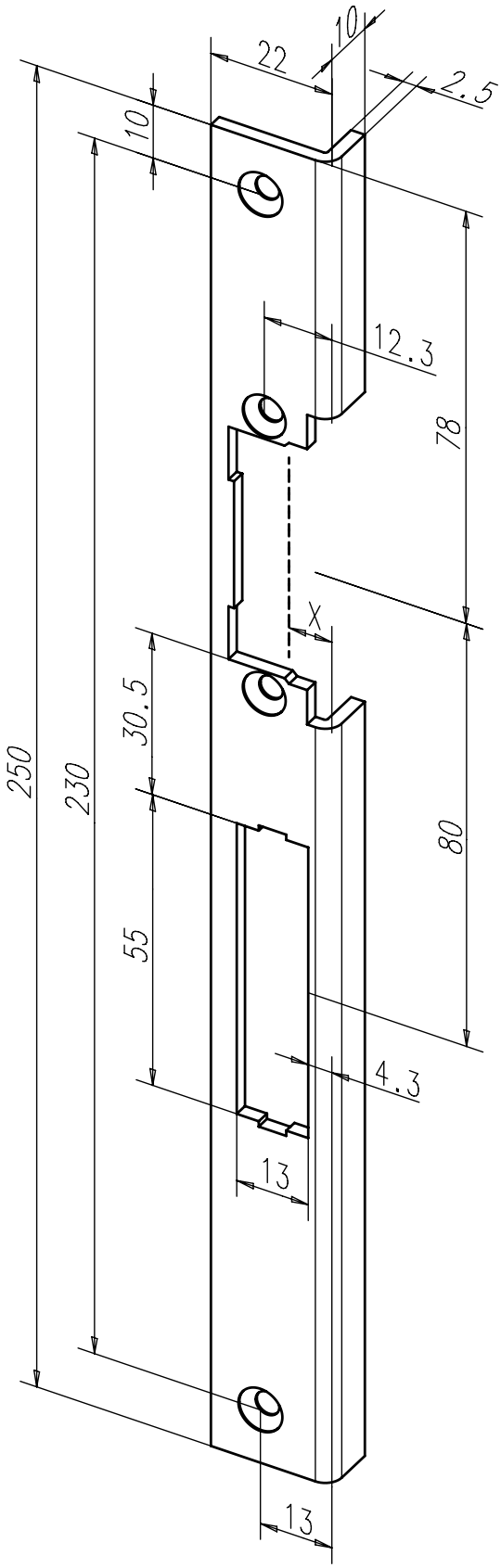
Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------42B35-04
35 Stainless steel	5 Right-hand	-------42B35-05

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Angled Striking Plate no. 44B

ProFix® 2



Angled striking plate with dead bolt cut-out.

The advantages at a glance

- Slim-fit outer dimensions
- Supply includes bolt pocket
- With dead bolt cut-out
- Suitable for standard-compliant steel frames

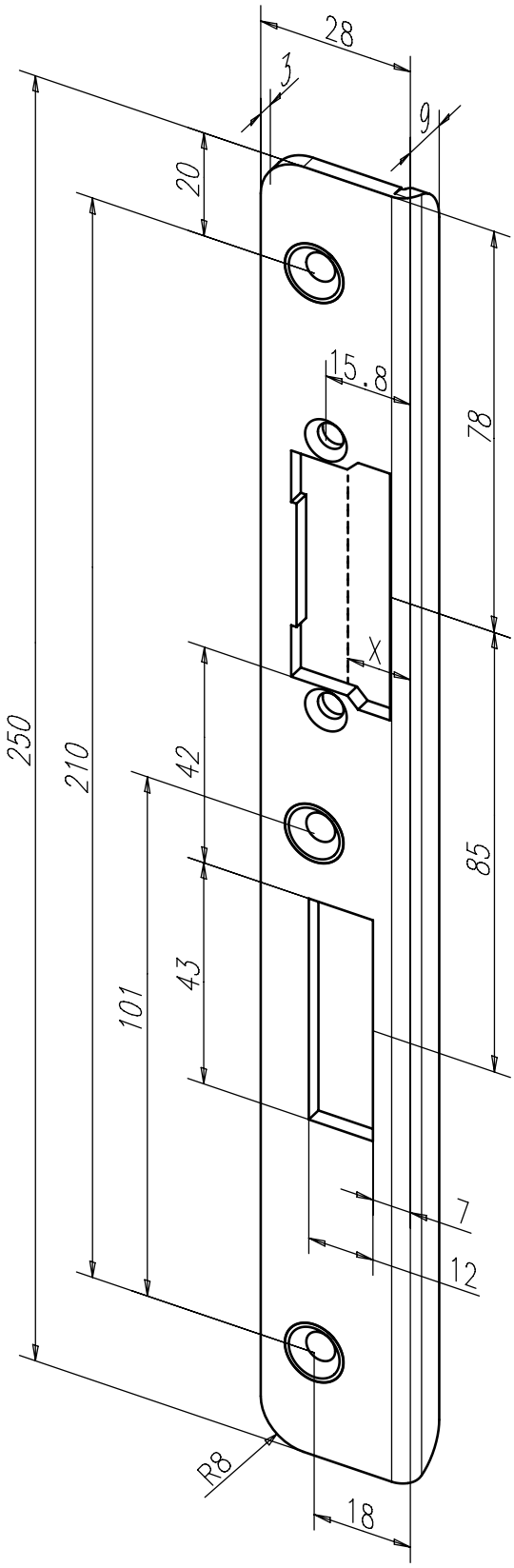
Technical attributes	
Length	250 mm
Width	22 mm
Thickness	2,5 mm
x measurement	4.0 - 7.0 mm
Shank dimension 1	22 mm
Shank dimension 2	10 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------44B35-04
35 Stainless steel	5 Right-hand	-------44B35-05

Compatible electric strike models

- 118.14
- 118.24
- 118S.14
- 118S.24
- 118F.14
- 118F.24

Angled Striking Plate no. 45B
ProFix® 2



Angled striking plate with dead bolt cut-out.

The advantages at a glance

- Slim-fit outer dimensions
- with bolts, 16x8mm calibre for greater stability
- With dead bolt cut-out

Technical attributes	
Length	250 mm
Width	28 mm
Thickness	3 mm
x measurement	7.5 - 10.5 mm
Shank dimension 1	28 mm
Shank dimension 2	9 mm
Dead bolt cutout	Yes

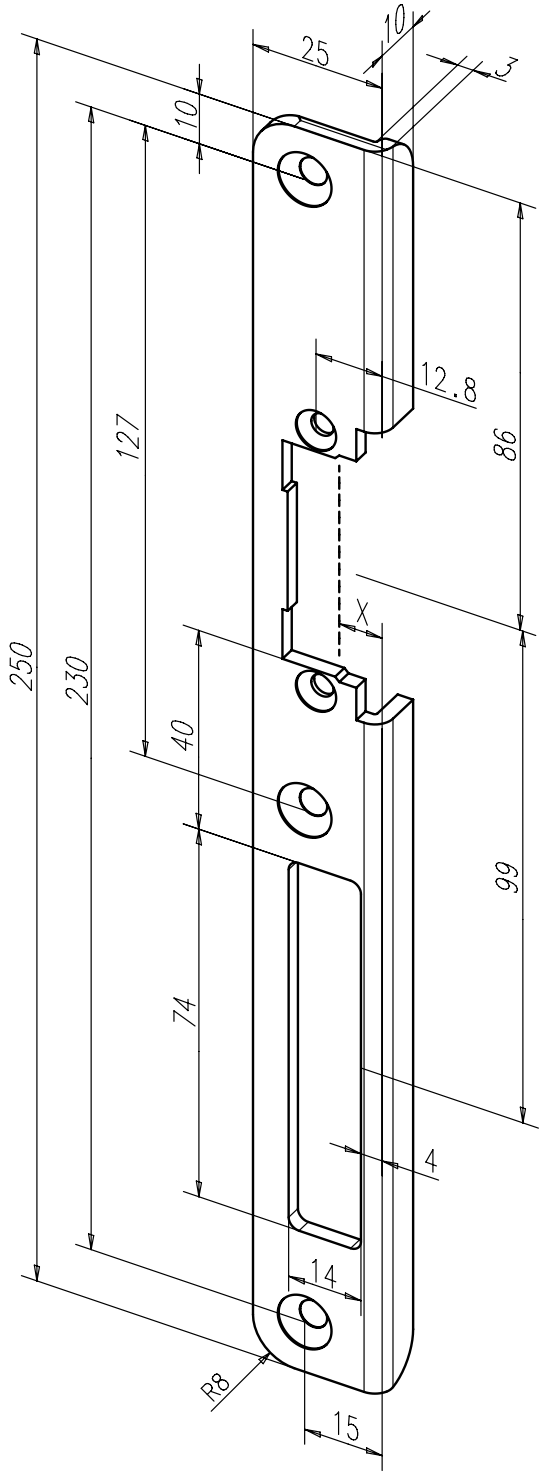
Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------45B35-04
35 Stainless steel	5 Right-hand	-------45B35-05

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Angled Striking Plate no. 63B

ProFix® 2



Angled striking plate with dead bolt cut-out.

The advantages at a glance

- Slim-fit outer dimensions
- With dead bolt cut-out
- Suitable for standard-compliant steel frames

Technical attributes	
Length	250 mm
Width	25 mm
Thickness	3 mm
x measurement	4.5 - 7.5 mm
Shank dimension 1	25 mm
Shank dimension 2	10 mm
Dead bolt cutout	Yes

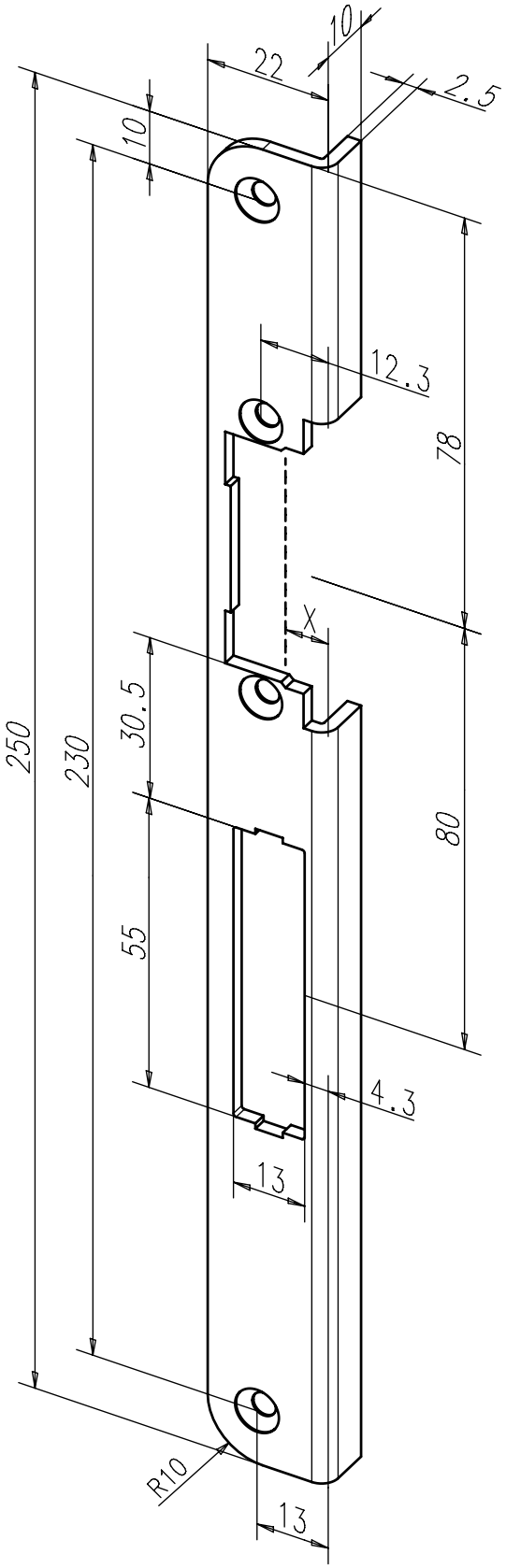
Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------63B35-04
35 Stainless steel	5 Right-hand	-------63B35-05

Compatible electric strike models

- 118.14
- 118.24
- 118S.14
- 118S.24
- 118F.14
- 118F.24

Angled Striking Plate no. 78A

ProFix® 2



Angled striking plate with dead bolt cut-out.

The advantages at a glance

- Slim-fit outer dimensions
- Supply includes bolt pocket
- With dead bolt cut-out
- Suitable for standard-compliant steel frames and for wooden frames

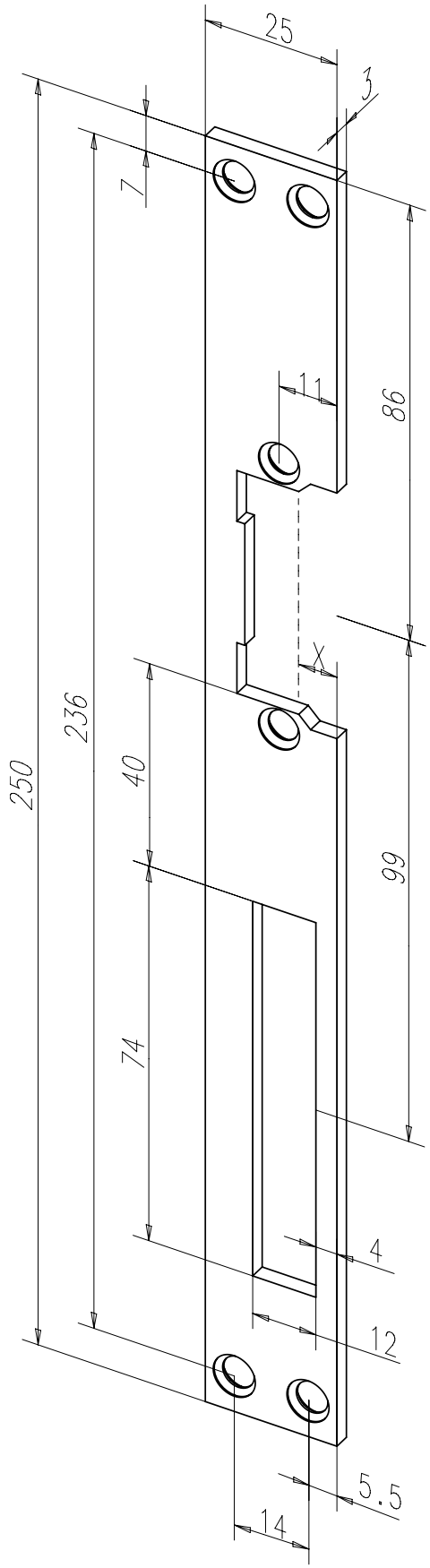
Technical attributes	
Length	250 mm
Width	22 mm
Thickness	2,5 mm
x measurement	4.0 - 7.0 mm
Shank dimension 1	22 mm
Shank dimension 2	10 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------78A35-04
35 Stainless steel	5 Right-hand	-------78A35-05

Compatible electric strike models

- 118.14
- 118.24
- 118S.14
- 118S.24
- 118F.14
- 118F.24

Flat striking plate no. 021



Standard flat striking plate with latch bolt aperture and dead bolt cutout.

The advantages at a glance

- DIN left and right usable

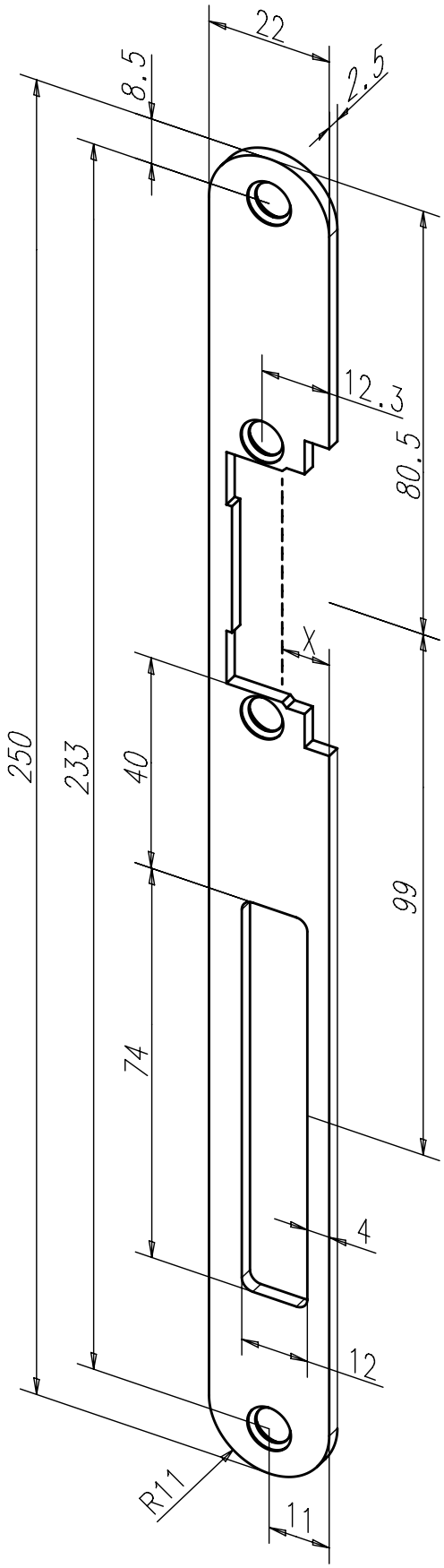
Technical attributes	
Length	250 mm
Width	25 mm
Thickness	3 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
01 Ducat gold	1 Universal	-------02101-01
02 Dusty grey	1 Universal	-------02102-01
04 white	1 Universal	-------02104-01
35 Stainless steel	1 Universal	-------02135-01
40 Smoothed, galvanised	1 Universal	-------02140-01

Compatible electric strike models

- 118
- 118E
- 118RR
- 118S
- 118F

Flat strike plate no. 82B
ProFix® 2



Flat striking plate with dead bolt cut-out.

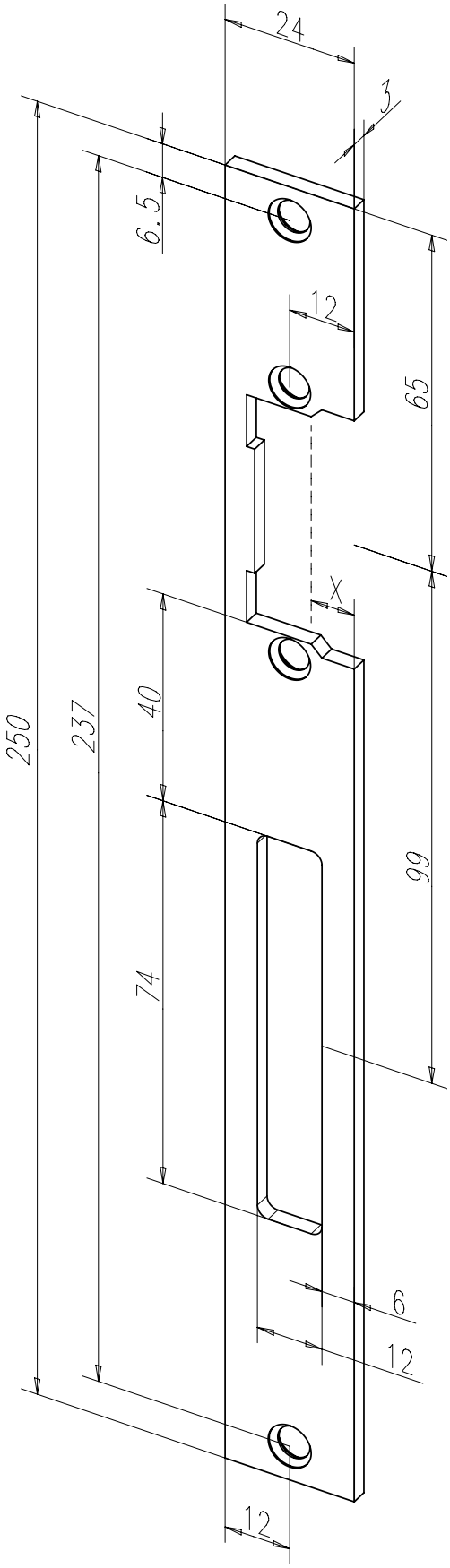
The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	22 mm
Thickness	2,5 mm
x measurement	4.0 - 7.0 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------82B35-01

Compatible electric strike models
- 118.14
- 118.24
- 118S.14
- 118S.24
- 118F.14
- 118F.24

Flat striking plate no. 690
ProFix® 2



Flat striking plate with latch bolt aperture.

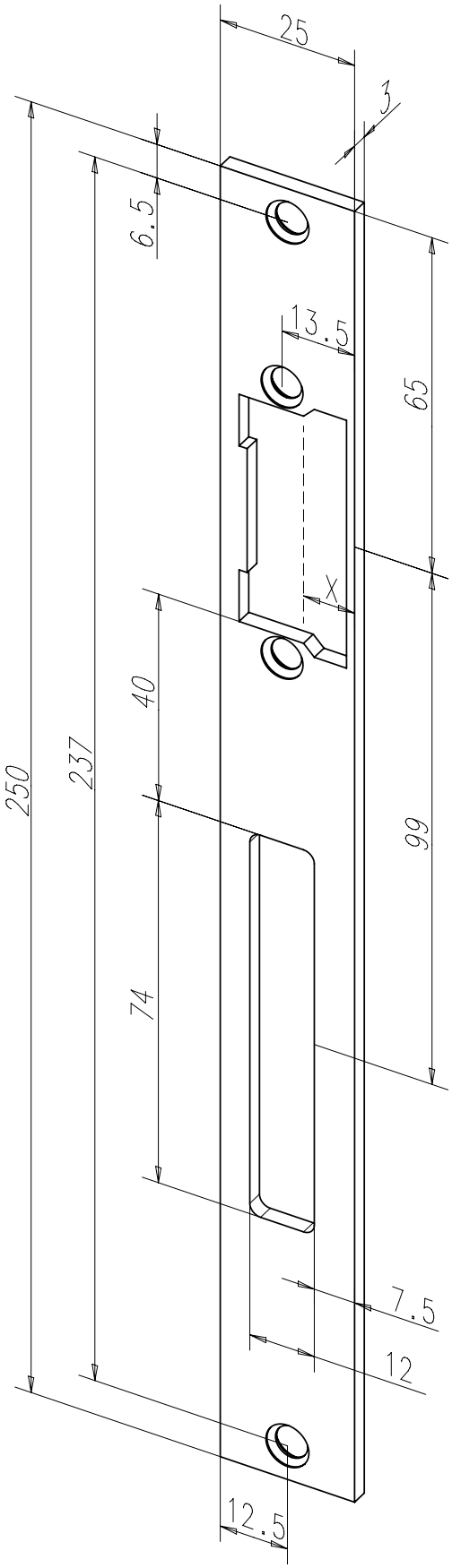
The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	24 mm
Thickness	3 mm
x measurement	3,7 - 6,7 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------69035-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat striking plate no. 691
ProFix® 2



Flat striking plate without latch bolt aperture.

The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

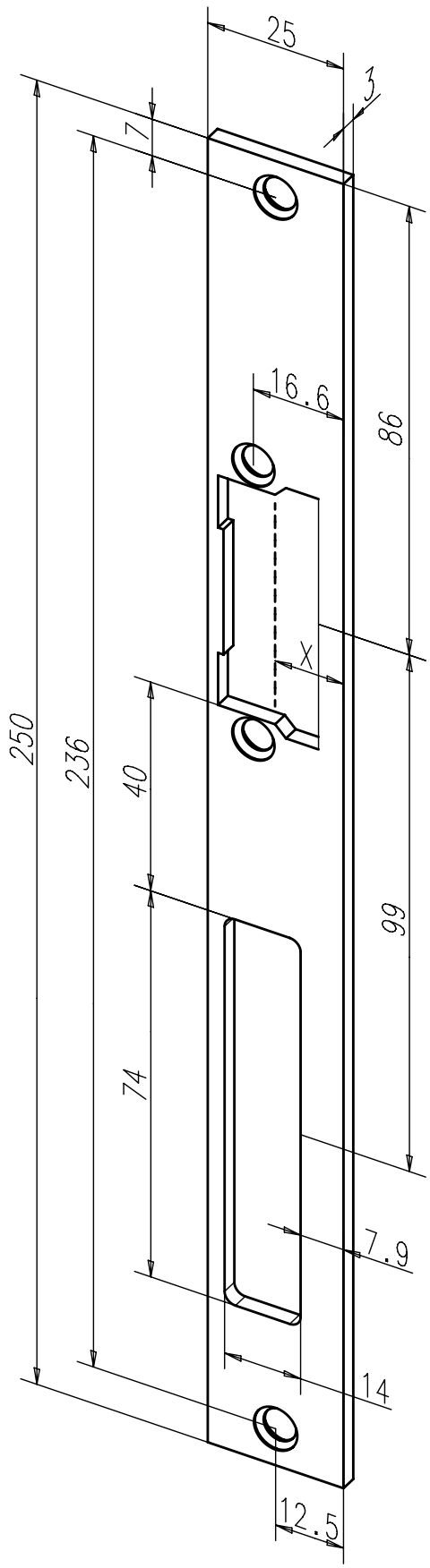
Technical attributes	
Length	250 mm
Width	25 mm
Thickness	3 mm
x measurement	5,2 - 8,2 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------69135-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 60B

ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	25 mm
Thickness	3 mm
x measurement	8.3 - 11.3 mm
Dead bolt cutout	Yes

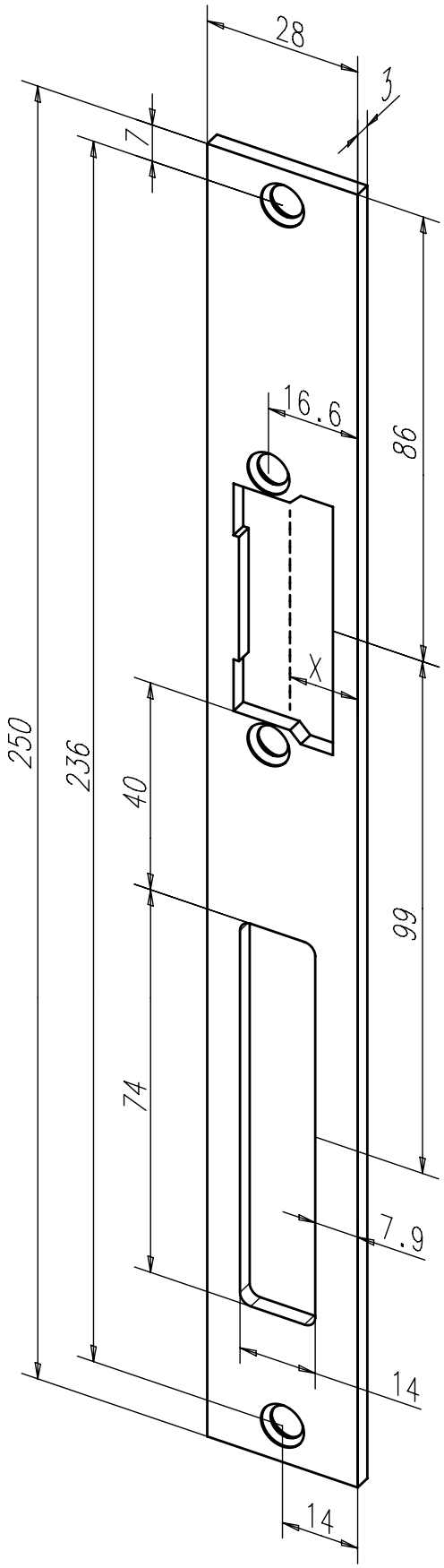
Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------60B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 58B

ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out
- Suitable for left and right handed doors

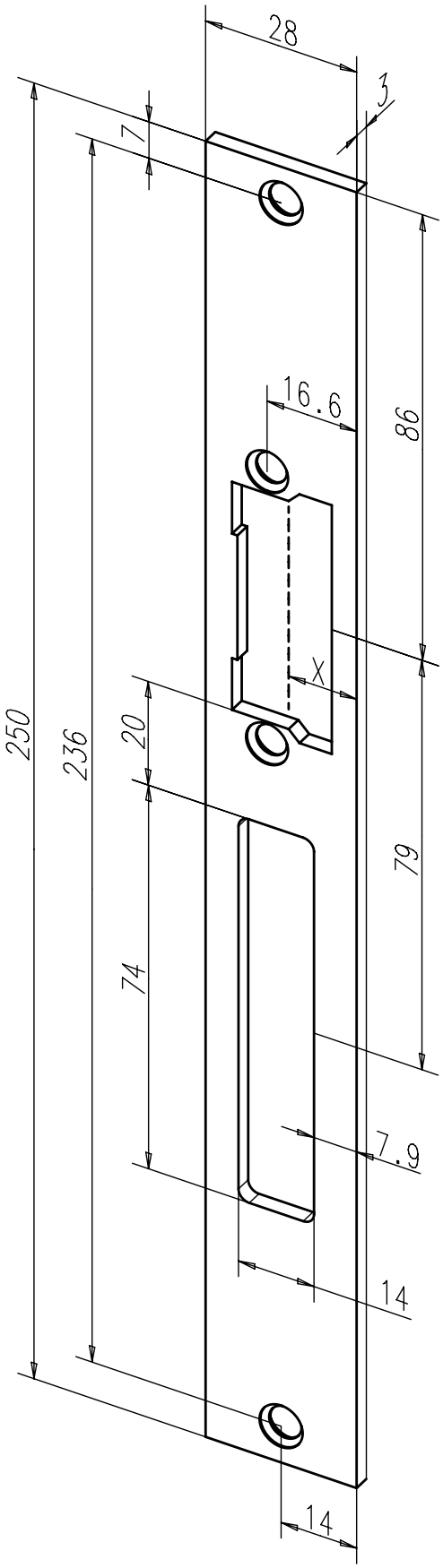
Technical attributes	
Length	250 mm
Width	28 mm
Thickness	3 mm
x measurement	8.3 - 11.3 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------58B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 62B
ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

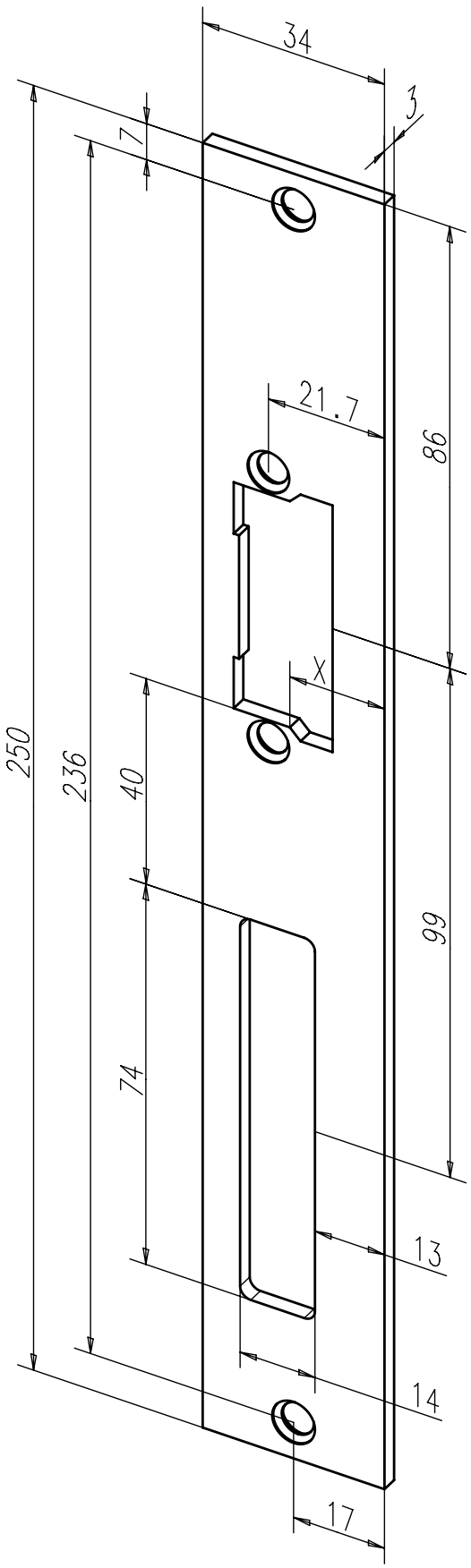
Technical attributes	
Length	250 mm
Width	28 mm
Thickness	3 mm
x measurement	8.3 - 11.3 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------62B35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 94A

ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out
- Suitable for left and right handed doors

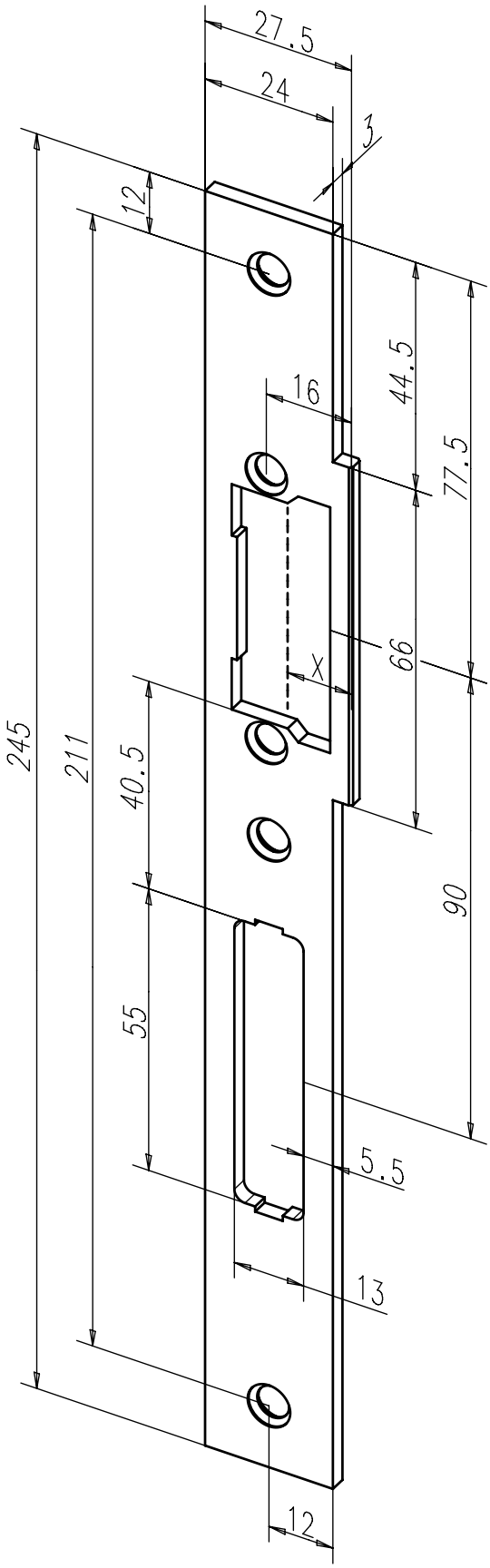
Technical attributes	
Length	250 mm
Width	34 mm
Thickness	3 mm
x measurement	13.4 - 16.4 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------94A35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 95A
ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

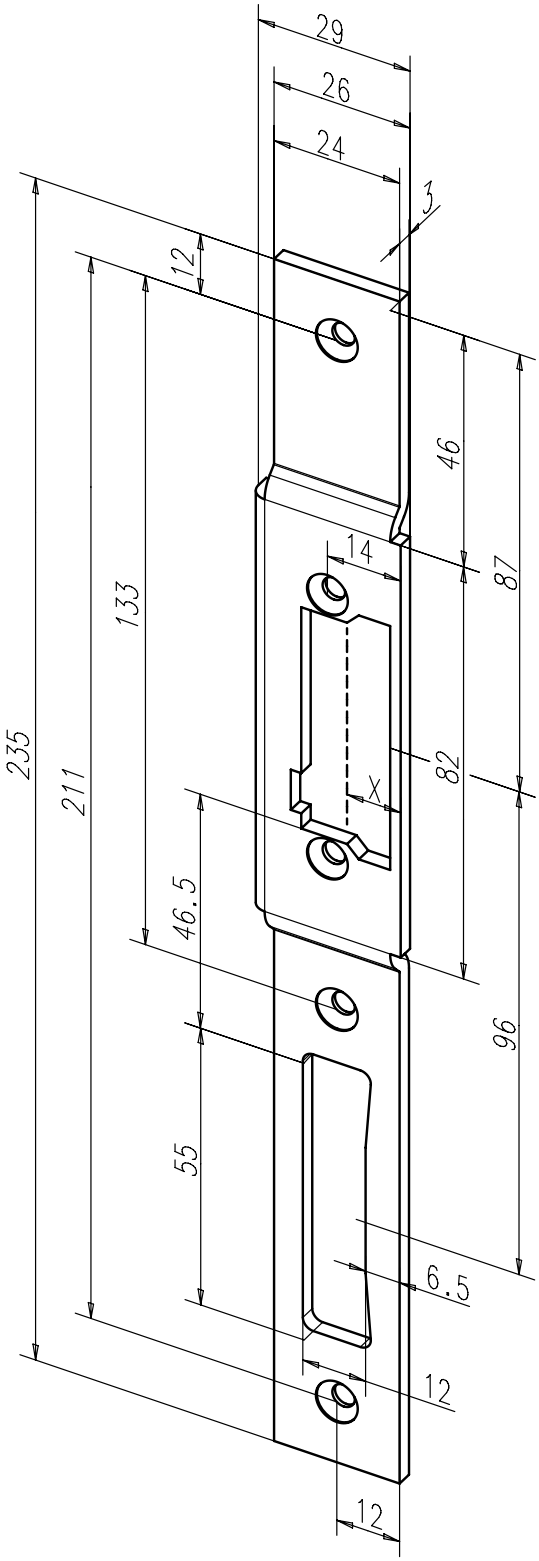
Technical attributes	
Length	250 mm
Width	27.5 mm
Thickness	3 mm
x measurement	7.7 - 10.7 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------95A35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flat Striking Plate no. 26B

ProFix® 2



Flat striking plate, offset, with dead bolt cut-out.

The advantages at a glance

- Offset design as alternative to U-shaped striking plate
- With dead bolt cut-out

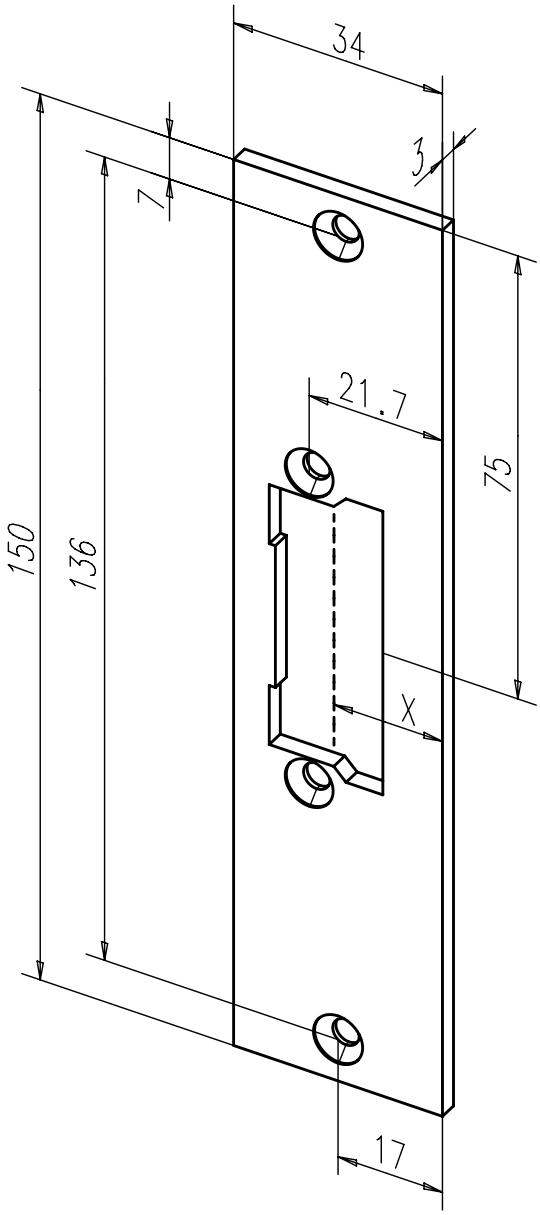
Technical attributes	
Length	235 mm
Width	29 mm
Thickness/height	3 mm / 6 mm
x measurement	5.7 - 8.7 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------26B35-04
35 Stainless steel	5 Right-hand	-------26B35-05

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Short flat strike plate no. 21C
ProFix® 2



Flat strike plate without dead bolt cutout.

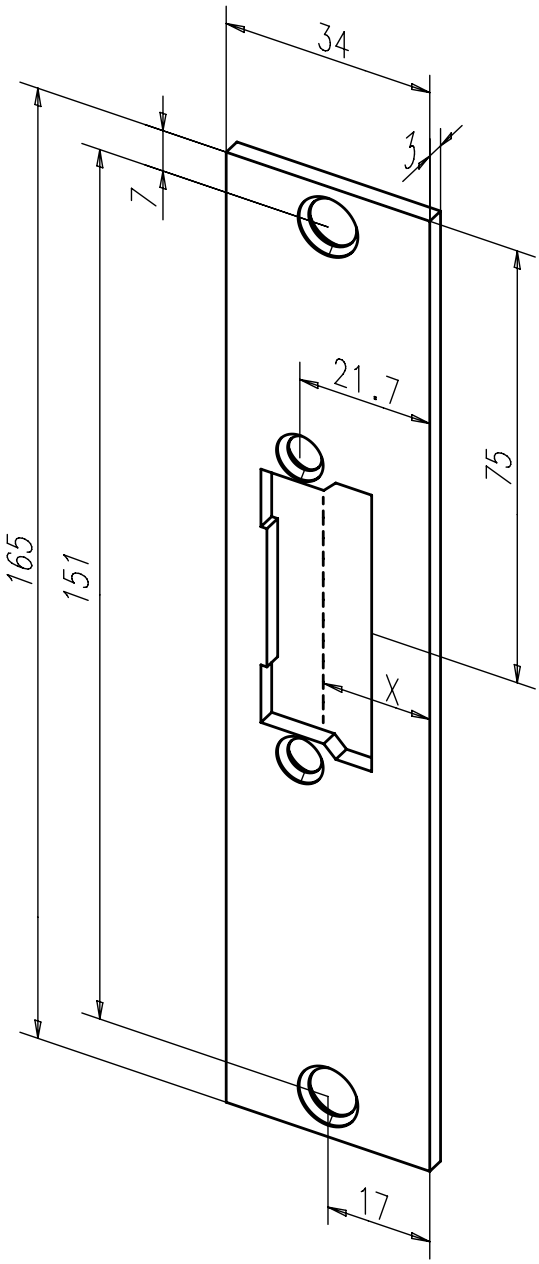
The advantages at a glance
- Suitable for left and right handed doors

Technical attributes	
Length	150 mm
Width	34 mm
Thickness	3 mm
x measurement	13.4 - 16.4 mm
Dead bolt cutout	No

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------21C35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Short flat strike plate no. 22C
ProFix® 2



Short flat striking plate without dead bolt cut-out.

The advantages at a glance
- Suitable for left and right handed doors

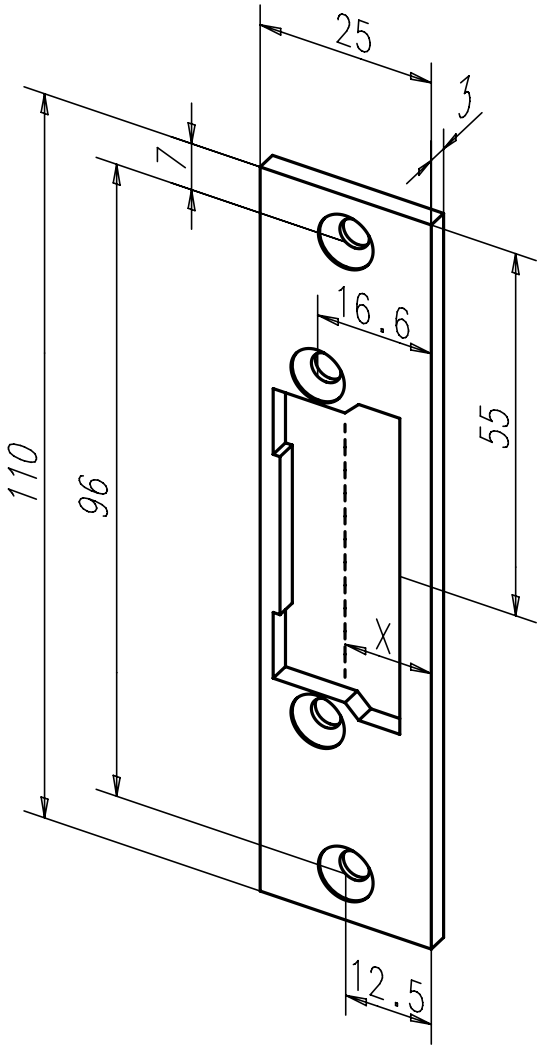
Technical attributes	
Length	165 mm
Width	34 mm
Thickness	3 mm
x measurement	13.4 - 16.4 mm
Dead bolt cutout	No

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------22C35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Short Flat Striking Plate no. 61B

ProFix® 2



Short flat striking plate without dead bolt cut-out.

The advantages at a glance

- DIN left and right usable

Technical attributes	
Length	110 mm
Width	25 mm
Thickness	3 mm
x measurement	8.3 - 11.3 mm
Dead bolt cutout	No

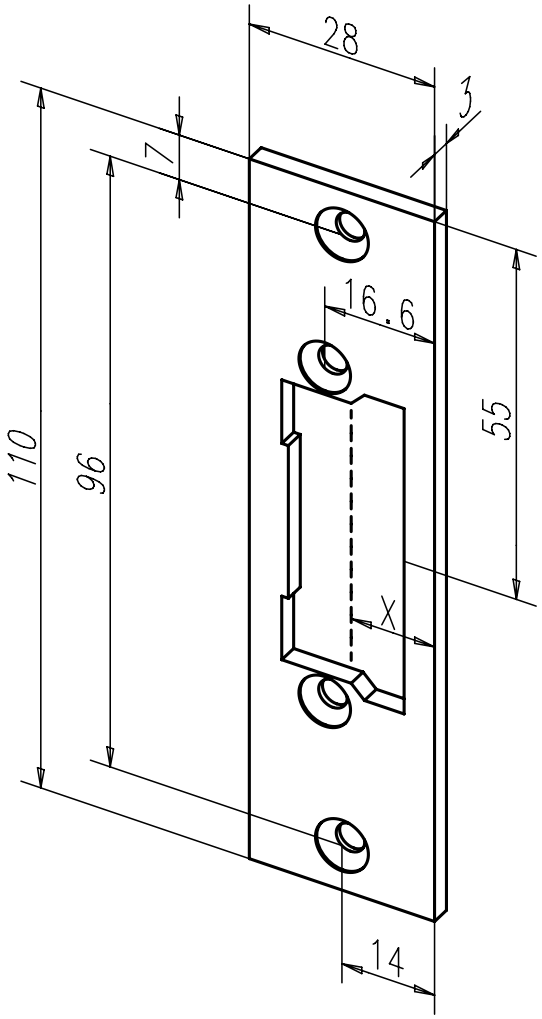
Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------61B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Short Flat Striking Plate no. 84B

ProFix® 2



Short flat striking plate without dead bolt cut-out.

The advantages at a glance

- Suitable for left and right handed doors

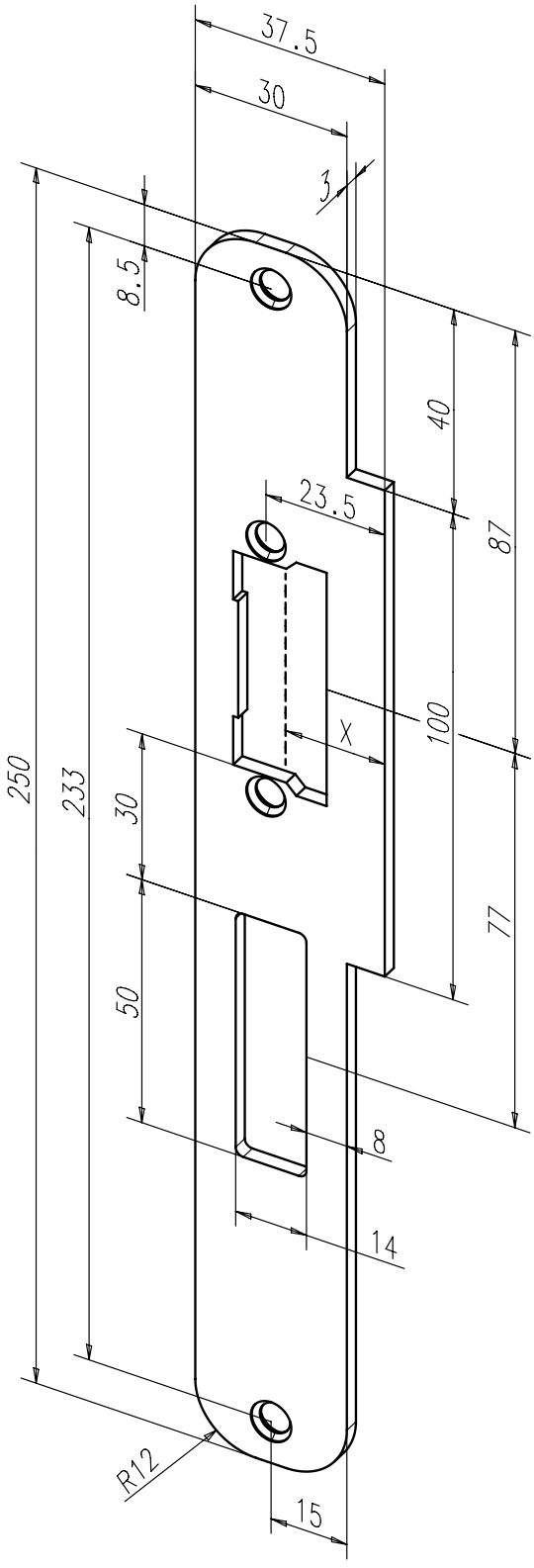
Technical attributes	
Length	110 mm
Width	28 mm
Thickness	3 mm
x measurement	8.3 - 11.3 mm
Dead bolt cutout	No

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------84B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged strike plate no. 24C
ProFix® 2



Flanged striking plate with dead bolt cut-out.

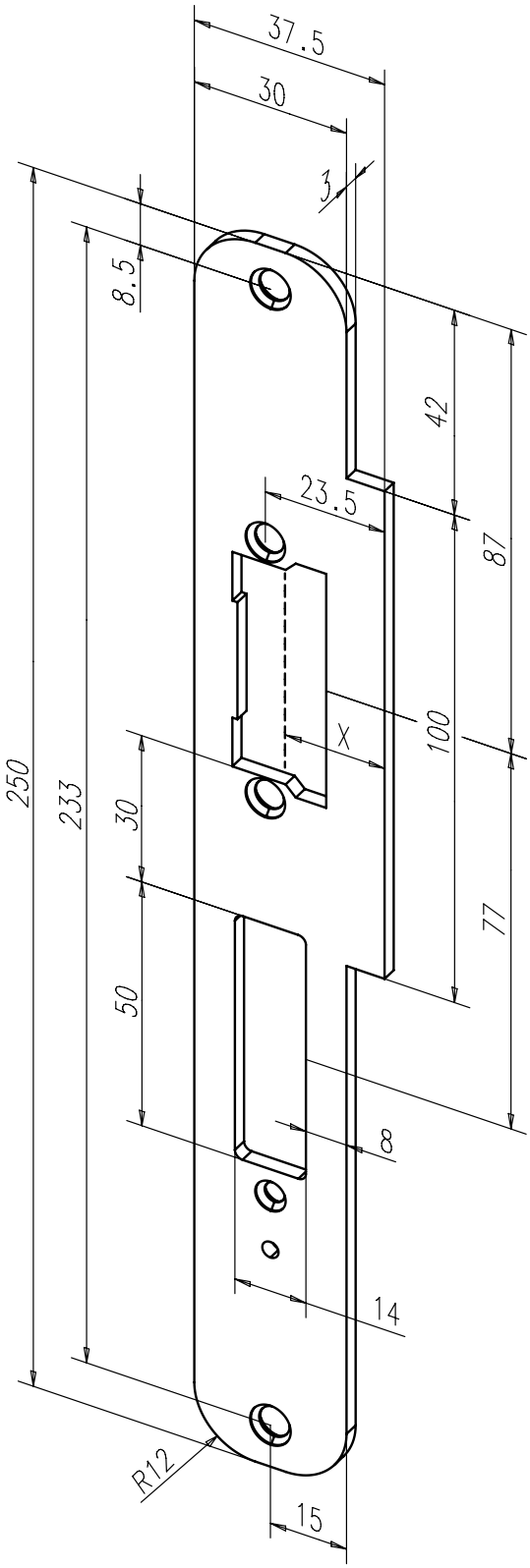
The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	{37,5 mm}
Thickness	3 mm
x measurement	15,2 - 18,2 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------24C35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged strike plate no. 25C



Flanged striking plate with dead bolt cut-out and drill holes for bolt switch contact 878.

The advantages at a glance

- With dead bolt cut-out
- Suitable for left and right handed doors

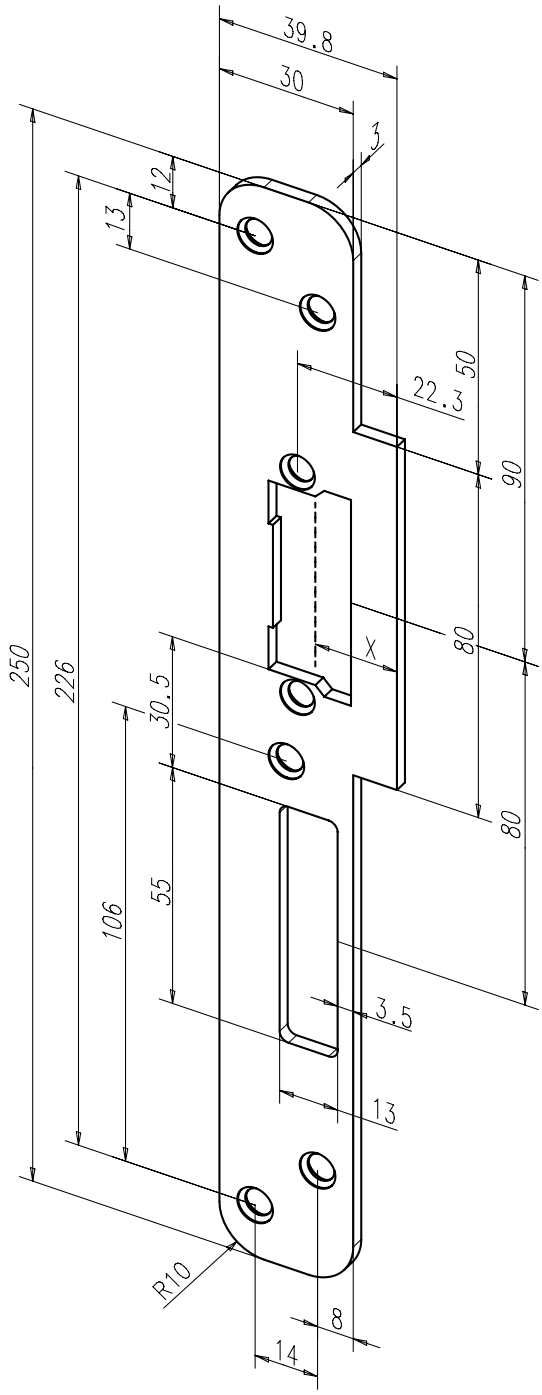
Technical attributes	
Length	250 mm
Width	{37,5 mm}
Thickness	3 mm
x measurement	15,2 - 18,2 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------25C35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged strike plate no. 76B
ProFix® 2



Flat striking plate with dead bolt cut-out.

The advantages at a glance
- With dead bolt cut-out
- DIN left and right usable

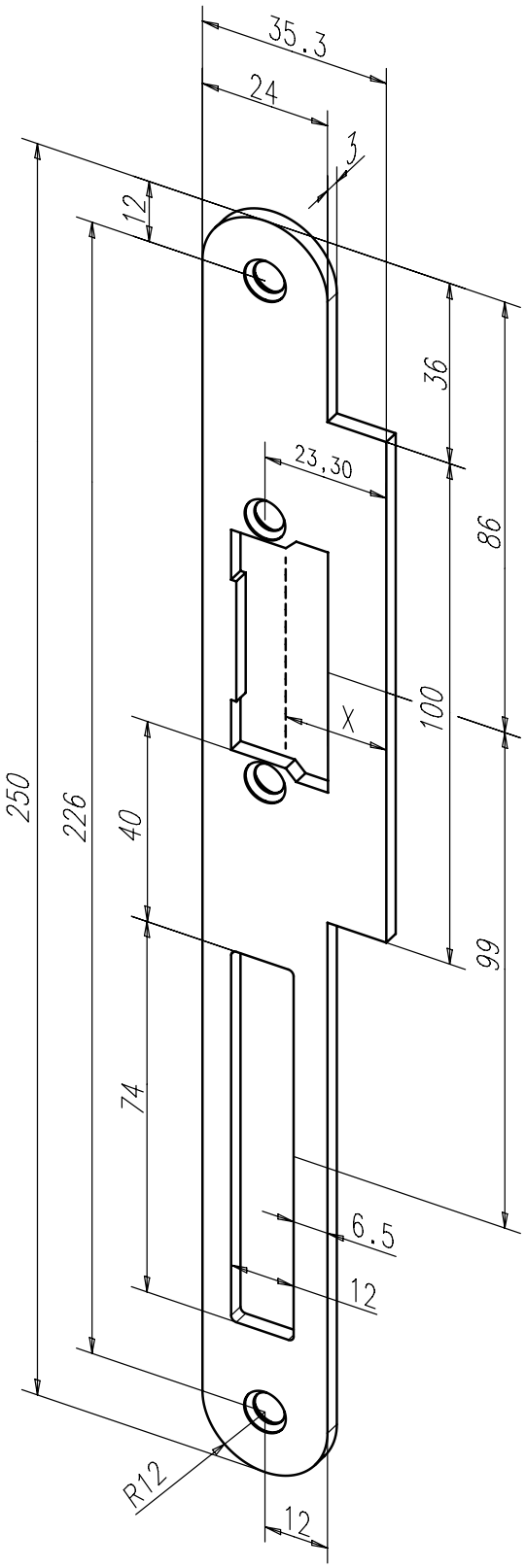
Technical attributes	
Length	250 mm
Width	{39,8 mm}
Thickness	3 mm
x measurement	14,0 - 17,0 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------76B35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 66B

ProFix® 2



Flanged striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	35.3 mm
Thickness	3 mm
x measurement	15,0 - 18,0 mm
Dead bolt cutout	yes

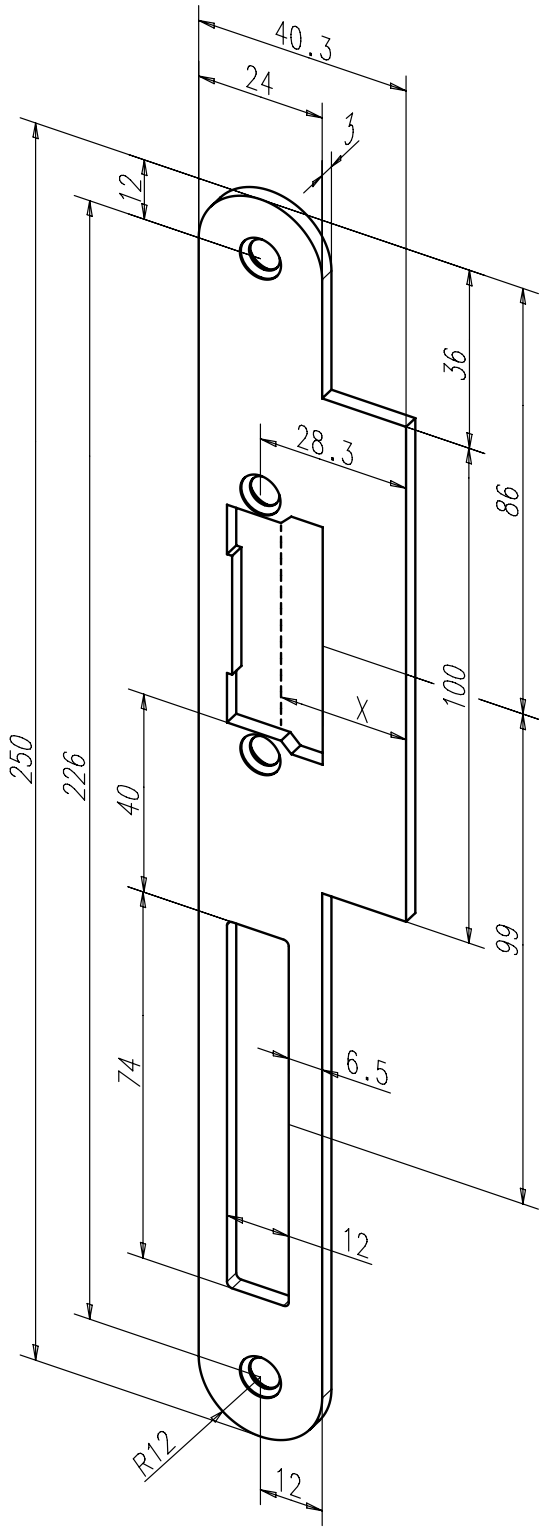
Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------66B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 67B

ProFix® 2



Flanged striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out

Technical attributes	
Length	250 mm
Width	40.3 mm
Thickness	3 mm
x measurement	22,0 - 23,0 mm
Dead bolt cutout	Yes

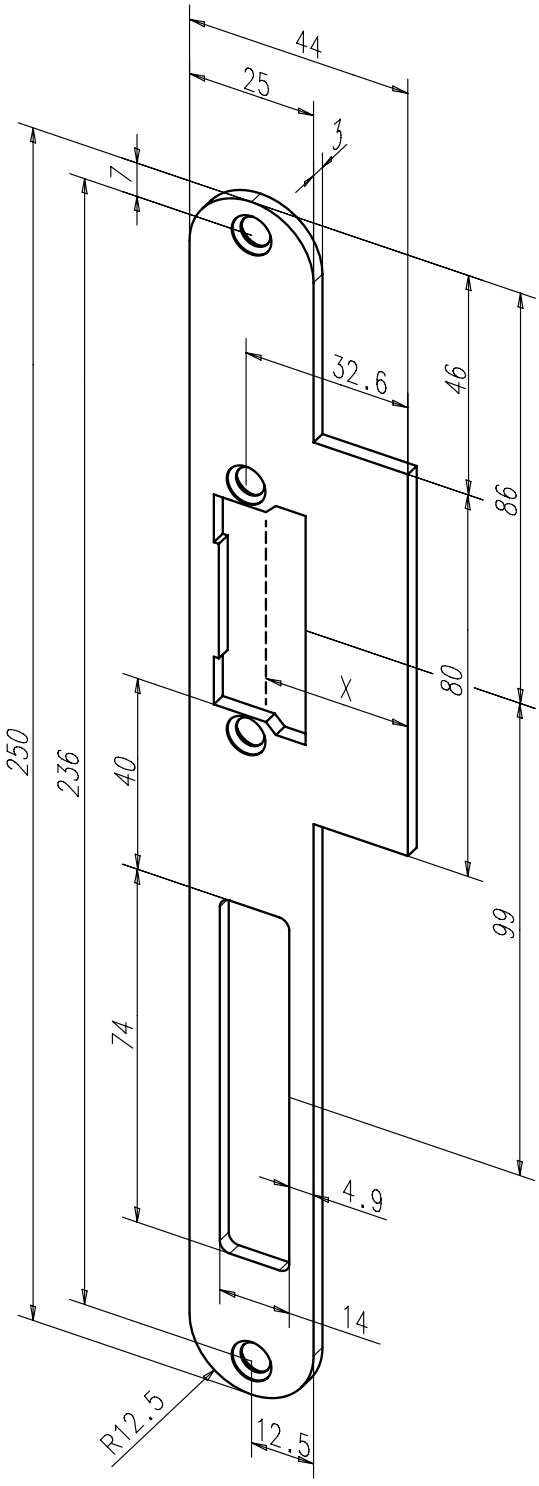
Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------67B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 59B

ProFix® 2



Flanged striking plate with dead bolt cut-out.

The advantages at a glance

- With dead bolt cut-out
- DIN left and right usable

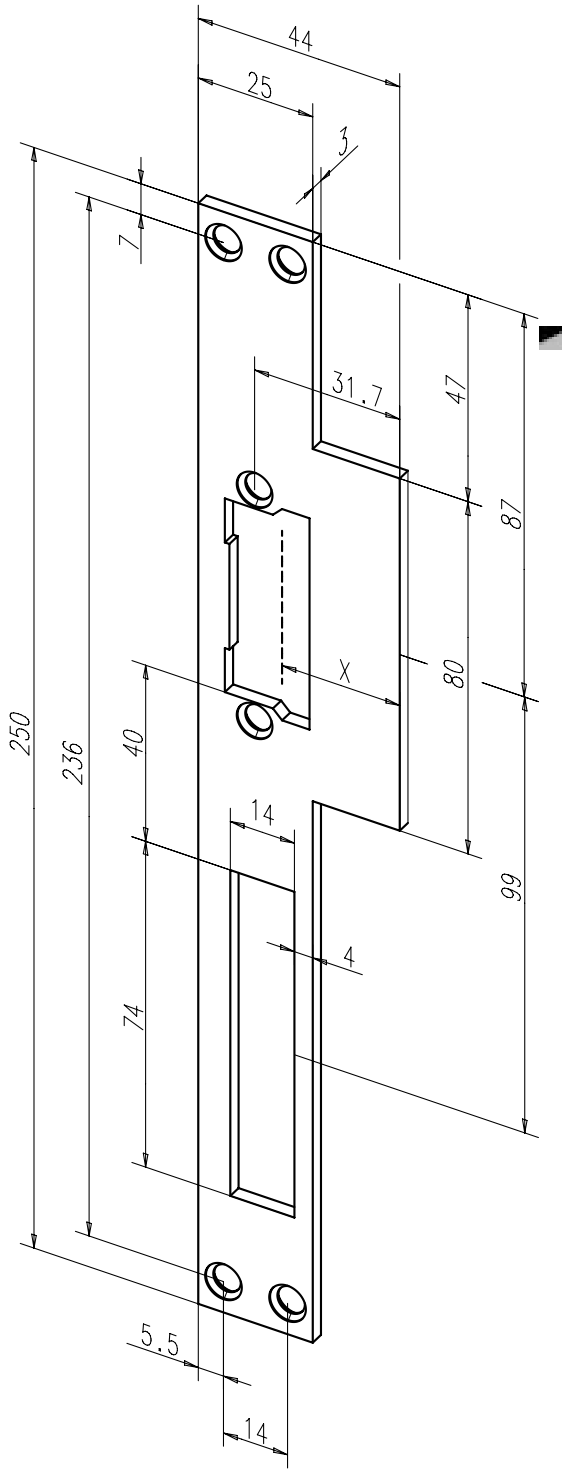
Technical attributes	
Length	250 mm
Width	44 mm
Thickness	3 mm
x measurement	24,3 - 27,3 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------59B35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 14C
ProFix® 2



Flanged striking plate with dead bolt cut-out.

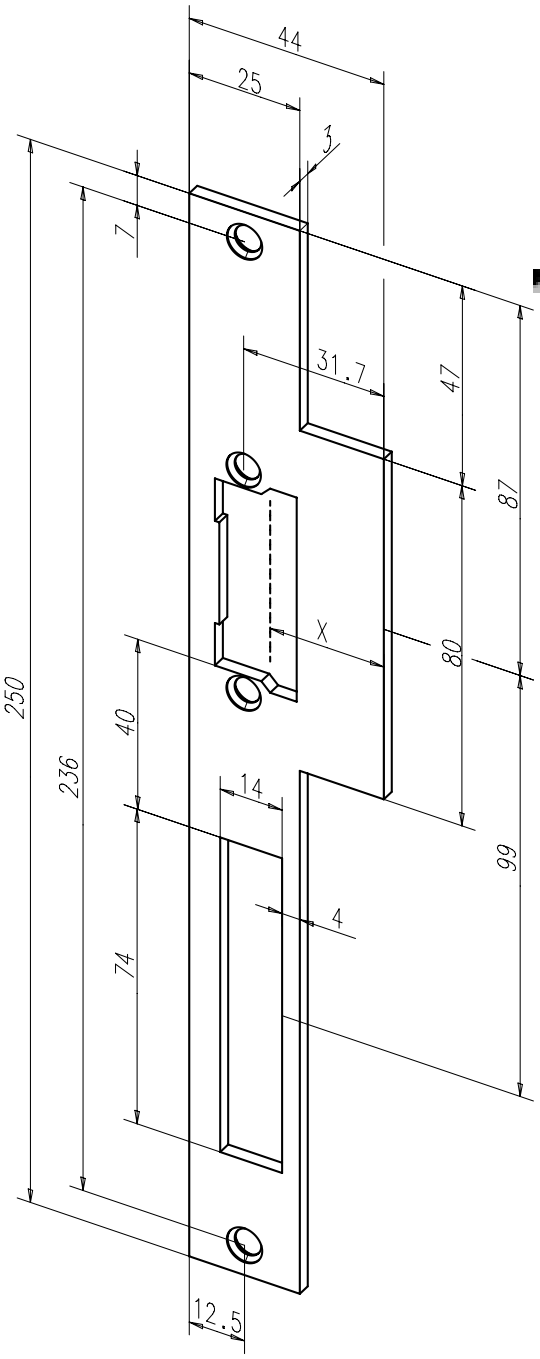
The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

Technical attributes	
Length	250 mm
Width	44 mm
Thickness	3 mm
x measurement	23,4 - 26,4 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------14C35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 15C
ProFix® 2



Flanged striking plate with dead bolt cut-out.

The advantages at a glance
- With dead bolt cut-out
- Suitable for left and right handed doors

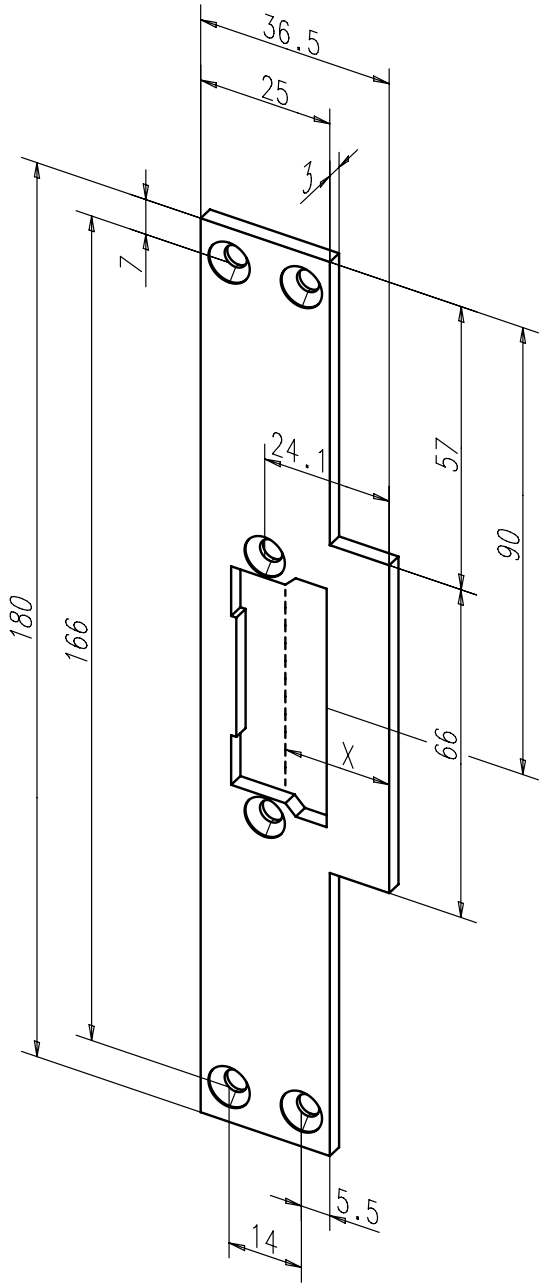
Technical attributes	
Length	250 mm
Width	44 mm
Thickness	3 mm
x measurement	23,4 - 26,4 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------15C35-01

Compatible electric strike models
- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged strike plate no. 23C

ProFix® 2



Flanged strike plate without dead bolt cutout.

The advantages at a glance

- Suitable for left and right handed doors

Technical attributes	
Length	{180 mm}
Width	36,5 mm
Thickness	3 mm
x measurement	15,8 - 18,8 mm
Dead bolt cutout	No

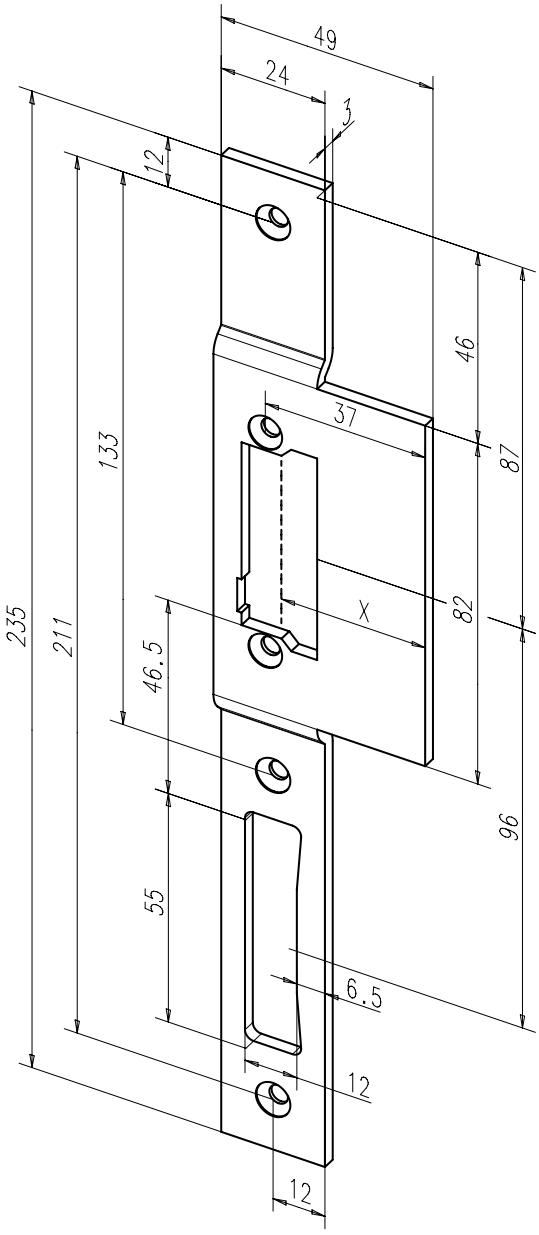
Finish	DIN direction	Order no.
35 Stainless steel	1 Universal	-------23C35-01

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

Flanged Striking Plate no. 46B

ProFix® 2



Flanged striking plate, offset with dead bolt cut-out.

The advantages at a glance

- Offset design as alternative to U-shaped striking plate
- With dead bolt cut-out

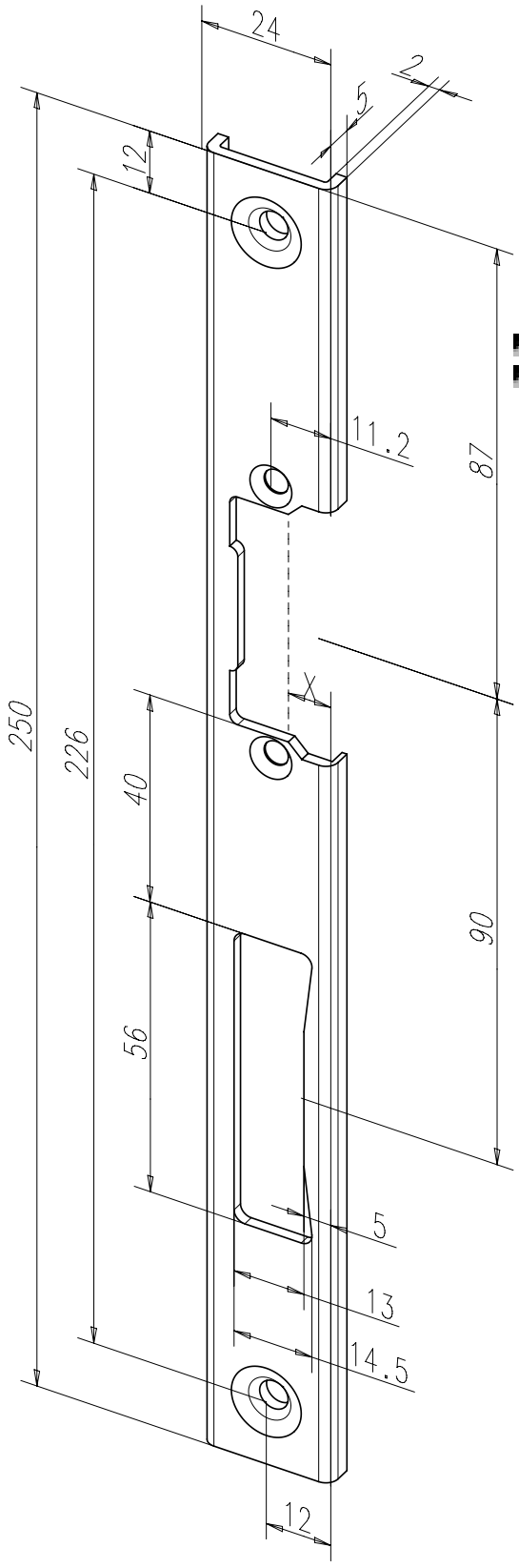
Technical attributes	
Length	235 mm
Width	49 mm
Thickness/height	3 mm / 6 mm
x measurement	28,7 - 31,7 mm
Dead bolt cutout	Yes

Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------46B35-04
35 Stainless steel	5 Right-hand	-------46B35-05

Compatible electric strike models

- 118.13
- 118.23
- 118S.13
- 118S.23
- 118F.13
- 118F.23

U striking plate no. 391



Flat striking plate with latch bolt aperture and dead bolt cutout.

The advantages at a glance

- Suitable for plastic profiles

Technical attributes	
Length	250 mm
Width	24 mm
Thickness	2 mm
Dead bolt cutout	Yes

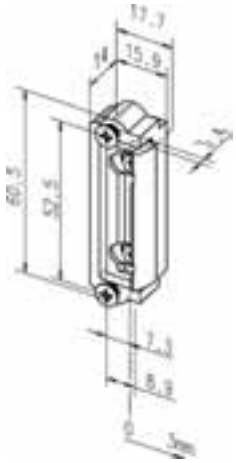
Finish	DIN direction	Order no.
35 Stainless steel	4 Left-hand	-------39135-04
35 Stainless steel	5 Right-hand	-------39135-05

Compatible electric strike models

- 118
- 118E
- 118RR
- 118.500
- 118E.15SET (ProFix® 2 - models)

Accessories for electric strikes in Model Range 118

Dummy component



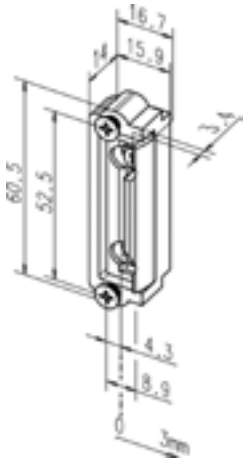
Dummy Component 1418-100

Dummy component with no electric function, with FaFix® adjustment.

Technical attributes	
Height	60.5 mm
Width	16 mm
Depth	17.4 mm

Order no.
1418-100-----00

To be pre-equipped for model series 118, 118E; not suitable for fire rated applications



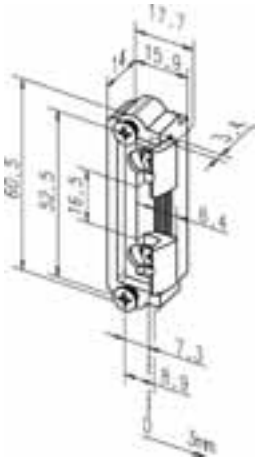
Dummy Component 1418-101

Dummy component with no electrical function; with FaFix® adjustment and 3 mm thick.

Technical attributes	
Height	60.5 mm
Width	19,5 mm
Depth	17.4 mm

Order no.
1418-101-----00

To be pre-equipped for Model Ranges 118.101, 118E101; not suitable for fire rated applications



Dummy Component 1418-130

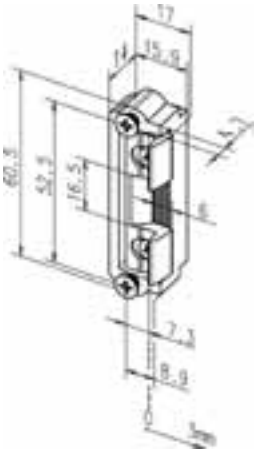
Dummy component with no electric function, with FaFix® adjustment.

Technical attributes	
Height	60.5 mm
Width	19,5 mm
Depth	17.4 mm

Order no.
1418-130-----00

To be pre-equipped for Model Ranges 118.101, 118E130; not suitable for fire rated applications

Dummy component



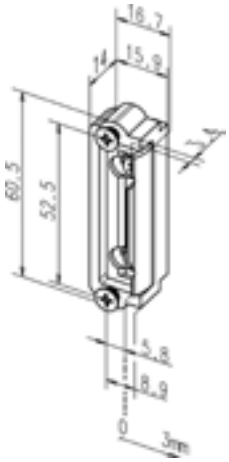
Dummy Component 1418-190

Dummy component with no electric function, with FaFix® adjustment.

Technical attributes	
Height	60.5 mm
Width	16 mm
Depth	17.4 mm

Order no.
1418-190-----00

To be pre-equipped for Model Ranges 118.190, 118E190, 118.192, 118E192; not suitable for fire rated applications



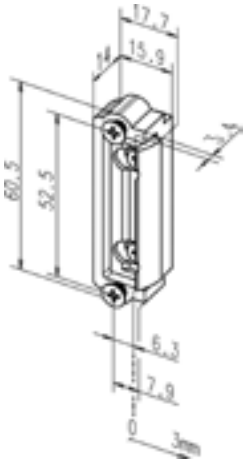
Dummy Component 1418-340

Dummy component with no electrical function; with FaFix® adjustment and 1.5 mm thick. Universally handed

Technical attributes	
Height	60.5 mm
Width	19,5 mm
Depth	17.4 mm

Order no.
1418-340-----00

To be pre-equipped for Model Ranges 118.340, 118E340; not suitable for fire rated applications



Dummy Component 1418-500

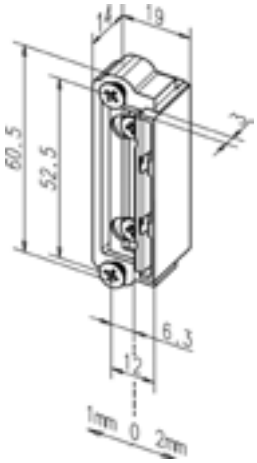
Dummy component with no electric function, with FaFix® adjustment.

Technical attributes	
Height	60.5 mm
Width	19,5 mm
Depth	17.4 mm

Order no.
1418-500-----00

To be pre-equipped for model series 118.500, 118E500; not suitable for fire rated applications

Dummy component



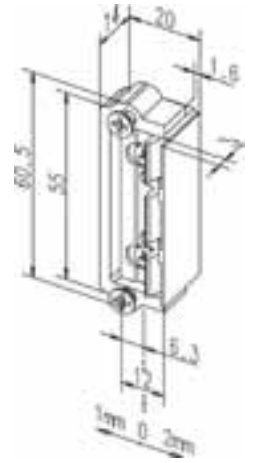
Dummy Component 1418-13 ProFix® 2

Dummy component with no electric function, with FaFix® adjustment. Universally handed.

Technical attributes	
Height	60.5 mm
Width	19 mm
Depth	17 mm

Order no.
1418-13------00

To be pre-equipped for Model Ranges 118.13, 118E.13; not suitable for fire rated applications



Dummy Component 1410-20 ProFix® 2

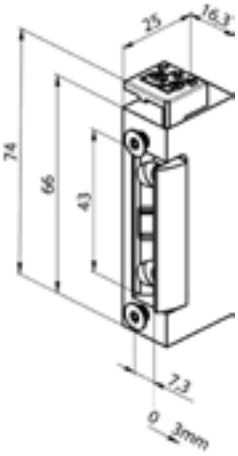
Universally handed. Dummy component with no electric function, with FaFix® adjustment. Brass surface-mounted attachment

Technical attributes	
Height	60.5 mm
Width	20 mm
Depth	17 mm

Order no.
1410-20------00

To be pre-equipped for Model Ranges 118.13, 118E.13, 118S.13; not suitable for fire rated applications

Dummy component
for fire doors



Dummy component 1410-F

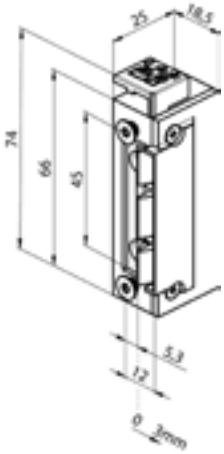
Dummy component with no electric function, with FaFix® adjustment. Universally handed.

Technical attributes	
Height	74 mm
Width	16.3 mm
Depth	25 mm

Order no.

1410-F-------00

To be pre-equipped for model series 118F; suitable for fire rated applications
Test certificate number: P-120003624



Dummy component 1410-F2 ProFix 2

Dummy component with no electric function, with FaFix® adjustment. Universally handed.

Technical attributes	
Height	74 mm
Width	20,1 mm
Depth	25 mm

Order no.

1410-F2------00

To be pre-equipped for model series 118F.13; suitable for fire rated applications
Test certificate number: P-120003624

Accessories

Plug-in connecting cable model 760

Connecting cable for electric strike 118.

Technical attributes	
Connecting cable	2-wire

Feature	Order no.
1,5 m connection lead	760-150------00
2,5 m connection lead	760-250------00
4,5 m connection lead	760-450------00

Connecting cable harness

For triple door strike lock model series 118.

Technical attributes	
Connecting cable	2-wire

Feature	Order no.
3 m connecting cable	760-3MS------00
5 m connecting cable	760-5MS------00

Connecting piece

1 mm thick, for strike plates thinner than 2.5 mm

Order no.
118.7000054--35

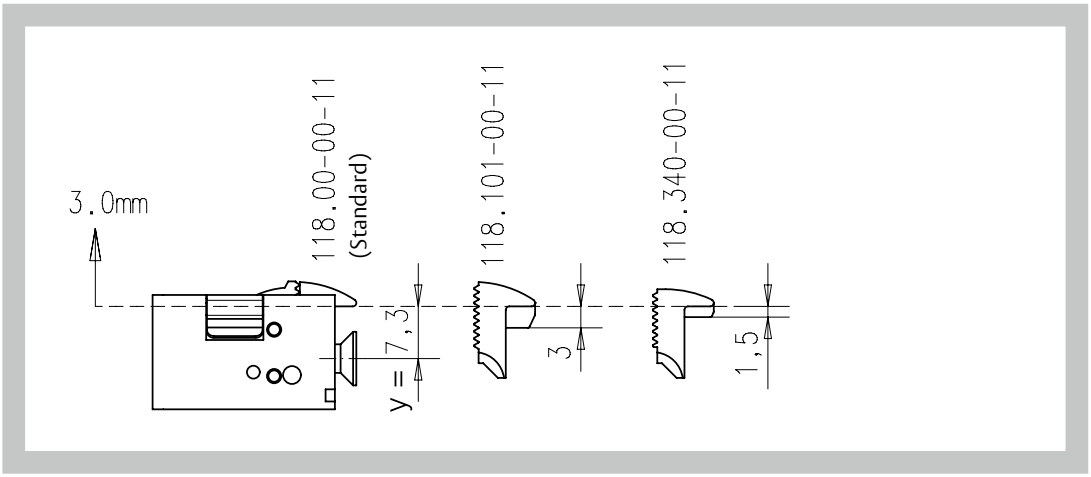
Pre-Load Electronic Assembly 760-12

Improves pre-load capability to at least 300N for DC operation. A short buzzing sound is audible in the electric strike for about 0.5 seconds. Continuous current-resistant, holding current is reduced. Compatible with standard effeff electric strikes

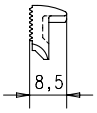
Technical attributes	
Connecting cable	2-wire

Feature	Order no.
12 V DC / 24 V DC	760-12-------00

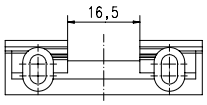
Surface-mounted attachments
for model 118




118.3400011 40

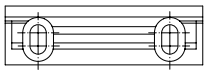


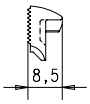
y = 5,8 + 3 mm



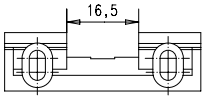
118.3430011 40

y = 5,8 + 3 mm


118.1010011 40



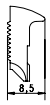
y = 4,3 + 3 mm



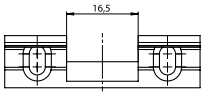
118.1300011 40

y = 7,3 + 3 mm


118.120



y = 10,3 + 3 mm



118.190

y = 6,3 + 3 mm

Unrestricted public access despite locked door
Automatic Door Control Model 750

For premises such as doctor and lawyer practices
During visiting hours, the automatic control system operates electric strike release. When the system is engaged, the visitor rings the door bell and activates the automatic system in the electric strike control device. This releases the door for 1 to 10 seconds after the preset delay of between 1 to 20 seconds, enabling the visitor to enter. The door is then locked again as it closes. When the system is switched off, the electric strike is in normal mode.
The automatic electric strike control can be installed in all electric strike systems with effeff electric strikes (series 1 models).

Please note:
The overall system requires a minimum operating voltage of 8 V.
To ensure the system functions reliably over longer cable paths and small cable cross-sections, we recommend using transformers with a 12 V output voltage.

Electric strike voltage rating and voltage feed (transformer voltage) must match.

Electric strike models with the following order specifications can be used:

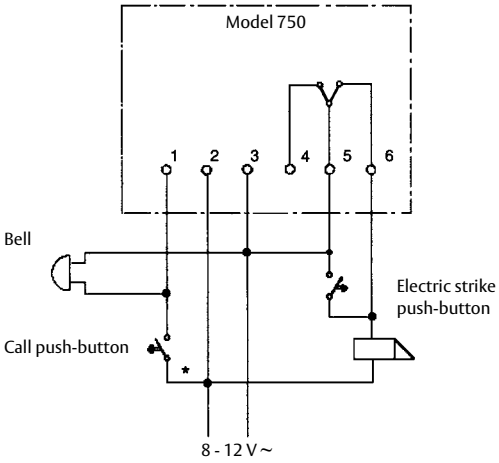
Series 1 models (fail-locked):

6-12 V	order specification D1
8-16 V	order specification R1
10-24 V	order specification A7
12 V elec. unlocking	order specification E3

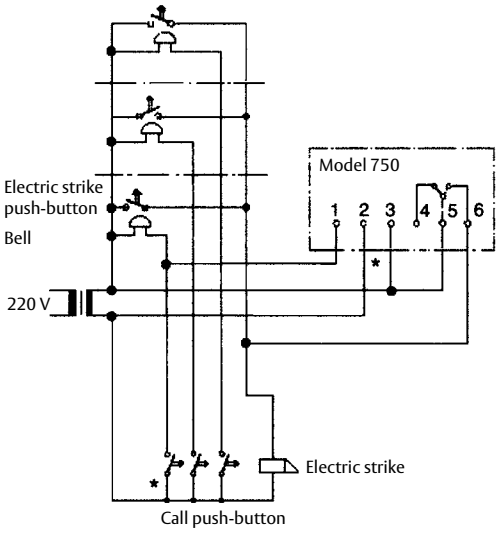
Do not use series 2 models (hold-open function)
Do not use series 3 models (fail-unlocked)

Installation:
Surface-mount installation or fit onto standard rail (distributor installation)

Automatic electric strike control device



Automatic electric strike control device with intercom system



Important!
Use same potential for call push-button wire and terminal 2

Unrestricted public access despite locked door
Switchover device model 7410-10

For commercial buildings, offices, medical practices, schools and large apartment buildings

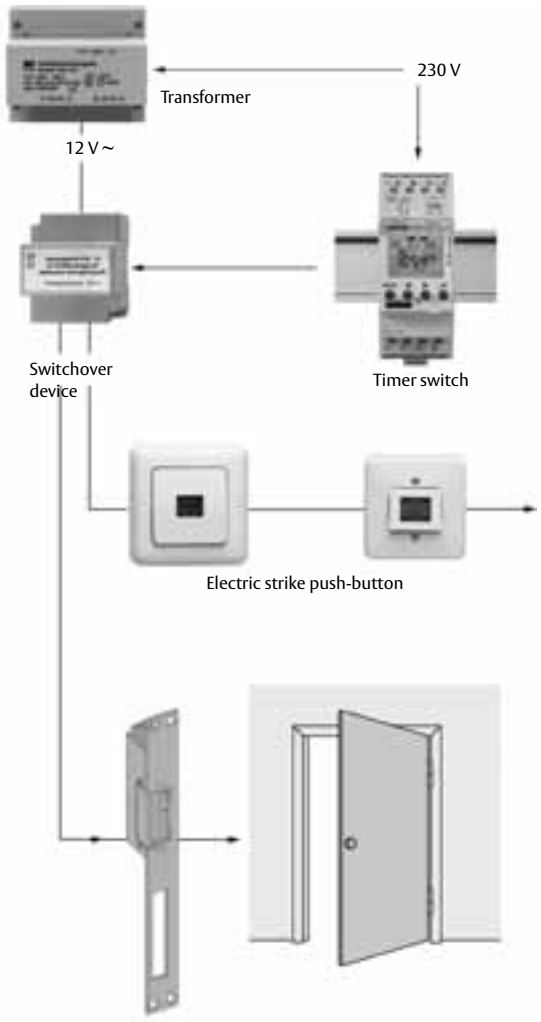
The entrance door is permanently unlocked automatically at certain times during the day, enabling visitors to come and go as they wish. The system is controlled by a timer switch. The electric strike is permanently unlocked by a continuous current at the times set on the time switch (DC operation, electric strike makes no buzzing sound). Outside these set times, the electric strike operates as normal, i.e. electric strike released via the electric strike button in the apartment.
(AC operation, electric strike makes no buzzing sound)

A complete system consists of the following individual components:
Electric strike with electric unlocking (only series 1 models), switchover device, timer switch, transformer-rectifier device, electric strike push-button.

Electric strike:
Always use a special electric strike model (series 1 models only, except model 17, 116), order with extra electric unlocking option (E3, F3), so the strike will be supplied with special spools for continuous energising.

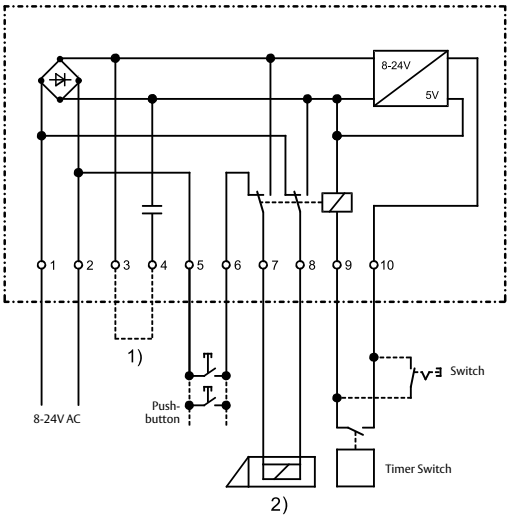
Installation:
Plastic casing for surface-mount installation, or fit onto standard rail (distributor installation)

Diagram of Functions



Electric strike with ... electric unlocking

Circuit diagram for electric strike system with automatic electric unlocking controlled via timer switch



1) Warning: A bridge must be installed between terminals 3 and 4 for an 8V input voltage.

2) Electric strike (fail-locked) with electric unlocking (rated voltage according to connection voltage)
Contact rating for relay contacts: 1A

Control unit / relay / switchover device

Automatic door strike control model 750

Automatic electric strike control to ensure unrestricted public access despite locked door. For premises such as doctor and lawyer practices

Technical attributes	
Mounting method	Surface-mounted/distributor installation
Adjustable waiting time	Approx. 1 to 20 sec
Electric strike release time	Approx. 1 to 10 sec
Height	98 mm
Width	88 mm
Depth	63 mm
Supply voltage	8 - 12 V AC

Feature	Order no.
Automatic door strike control	**7 5 0 - - - - - - - - - - 0 0**

Time-delay relay model 770

A simple and very practical way to keep the door strike unlocked at set times.

Technical attributes	
Mounting method	Surface-mounted/distributor installation
Period	0,25-1023 sec.
Height	98 mm
Width	88 mm
Depth	63 mm
Max. contact rating	24 V / 1 A

Feature	Order no.
12 V AC/DC rated operating voltage	**7 7 0 - 1 0 - - - - - - E 1 0**
24 V AC/DC rated operating voltage	**7 7 0 - 1 0 - - - - - - F 1 0**

Relay control model 7421

Relay control in plastic casing for surface and top hat rail mounting (distributor installation). It consists of two relays with two potential-free change-over contacts and recovery diodes each.

Technical attributes	
Mounting method	Surface-mounted/distributor installation
Switching voltage	230 V AC max.
Switching current	2 A max.

Feature	Order no.
12 V DC rated operating voltage	**7 4 2 1 - 1 2 - - - - - - 0 0**
24 V DC rated operating voltage	**7 4 2 1 - 2 4 - - - - - - 0 0**

Power supply

Rectifier Units 1001

Transformers with integrated rectifiers and power adapters for electric strikes, door bolts, motorized bolts, holding magnets, access control systems and door control systems.
Suitable for operating electric strikes with an alternating voltage which produces a buzzing sound in the electric strike.

Technical attributes	
Mounting method	Surface-mounted / top hat rail
Height	73 mm
Width	70 mm
Length	106 mm
Overload protection	thermal circuit breaker
Operating temperature range	0 to +40 °C
Class of protection	IP 20
Protection rating	II/Insulation protection
Rated operating voltage primary	230 V AC
Rated operating voltage secundary	{12 oder 24 V DC nicht stabilisiert, nicht geglättet}
Input operating voltage	230 V AC
Rated current consumption	1 A max., 1.5 A for 10 s

Feature	Order no.
Supply voltage 12 V AC/DC	**1001-12-1----00**
Supply 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 attributes	
Mounting method	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
Input 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--10**
1,25 A, (H/W/L) 68,5/93/35 mm	**1003-12-1,25-10**
2 A, (H/W/L) 68,5/93/52,5 mm	**1003-12-2----10**
4 A, (H/W/L) 66,5/93/140 mm	**1003-12-4----10**

Power supply device model 1003 24 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 attributes	
Mounting method	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
Input operating voltage	100-240 V AC
Output voltage	24 V DC (regulated)

Feature	Order no.
0,4 A, (H/W/L) 68/92/17,5 mm	**1003-24-0,4--10**
1 A, dim.: (W/L/H) 94x36x68 mm	**1003-24-1----10**
2 A, dim.: (W/L/H) 92x70x68 mm	**1003-24-2----10**
4 A, dim.: (W/L/H) 92x70x68 mm	**1003-24-4----10**

Monitoring contacts
Introduction

There is a difference between the three basic monitoring contact designs:

Bolt switch contacts
Bolt switch contacts are suitable for monitoring the locking status in doors. The bolt switch contact is fitted into the strike plate in the frame in such a way that it is activated by the lock bolt. The signal can be evaluated or displayed in alarm systems, building monitoring systems, control panels, and visual and acoustic alarm devices. Special strike plates are available for use in combination with electric door strikes (see Electric Strike Catalogue).

Magnetic contacts
A magnetic contact is a detector device for monitoring doors, windows or other movable parts. The magnetic contact consists of a reed contact and a permanent magnet. When the door or window is opened, the reed contact is opened as the magnet is taken away, the magnetic field altered and the signal line interrupted.
Magnetic contacts are also available in a waterproof design, such as IP 67. They are then sealed in an impact-proof plastic housing.

Adjustable door contacts
Door contacts are suitable for monitoring door and window statuses. The door contact is normally fitted into the door or window frame. When the door or window is closed, the door contact is mechanically activated and the signal can be evaluated in a monitoring system.

Bolt switch contacts

Bolt switching contact model 878

Bolt switch contacts are suitable for monitoring door locking.
Due to the rotary-mounted switch lever there are no dead bolt penetration restrictions. The slim design and the mounting screw provided enable assembly through the dead bolt cutout even in existing steel frames without striking plate. It can also be retrofitted into existing built-in frames.

Technical attributes	
Switching contact	Change-over contact
Bolt throw	nonrestricted
Class of protection	IP 54
Response path	3 mm
Connecting cable	4 m
Switching current	1,5 A
Max. switching voltage	25 V AC/DC

Feature	Order no.
Change-over contact, 3 wires	**8 7 8 - - - - - - - - - - 0 0**

Dead bolt switch contact model 031309.06/031308

Bolt switch contact with adjustable switching point. Easy installation in existing steel door frames thanks to the bolt cut-out using the supplied fitting tool and drilling template.

Technical attributes	
Switching contact	Change-over contact
Bolt throw	Unlimited
VdS class	Class C
Class of protection	IP 67
Switching point	adjustible
Min. contact rating	1,50 V DC / 0,10 mA
Max. contact rating	30 V DC / 100 mA

Feature	Order no.
VdS G100023, 6 m connecting cable	**0 3 1 3 0 9 . 0 6 - - - - 0 0**
VdS G100024, with solder contact	**0 3 1 3 0 8 - - - - - - - 0 0**

Bolt Switch Contact Model 875-10 HZ

Due to the closed design of the housing, the dead bolt cutout is closed at the back as a special feature for steel frames and profiles. The profile interior is not visible. The dead bolt switch contact is first installed on the striking plate, then the striking plate is mounted onto the frame.

Technical attributes	
Switching contact	Change-over contact
Class of protection	IP 54
Response path	4 mm
Dead bolt penetration	15 mm
Connecting cable	4 m
Switching current	1,5 A
Max. switching voltage	25 V AC/DC

Feature	Order no.
Without striking plate	**8 7 5 - 1 0 - - - - - - - 0 0**

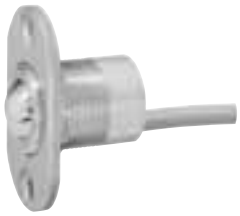
Dead bolt switch contact model 875-10 KL

Due to the closed design of the housing, the dead bolt cutout is closed at the back as a special feature for steel frames and profiles. The profile interior is not visible. The dead bolt switch contact is first installed on the striking plate, then the striking plate is mounted onto the frame.

Technical attributes	
Switching contact	Change-over contact
Dead bolt penetration	18 mm
Class of protection	IP 54
Response path	4 mm
Connecting cable	4 m
Colour	galvanized
Version	DIN Universal
Version stricking plate	Short flat striking plate
Length	122,5 mm
Width	25 mm
Thickness	3 mm
Switching current max.	1,5 A
Max. switching voltage	25 V AC/DC

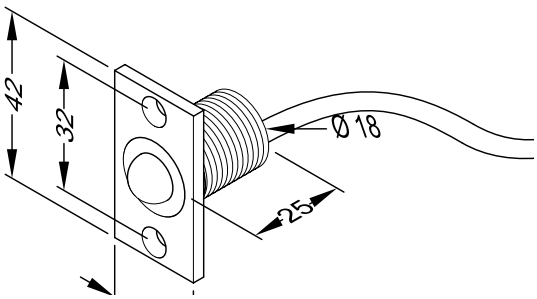
Feature	Order no.
With short flat striking plate	**8 7 5 - 1 0 - 1 2 2 4 0 - 0 1**

Mechanical contacts



Adjustable door contact (ball contact)

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.

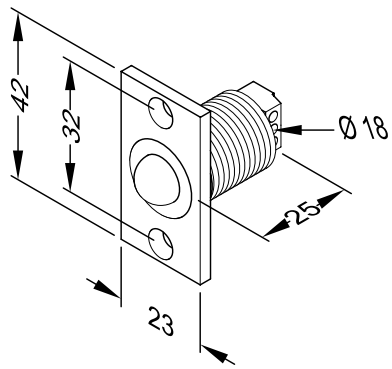


Technical attributes	
Class of protection	IP 40
Response path	1 mm
Adjustment path	13 mm
Diameter	18 mm
Type of connection	Connecting cable
Connecting cable	4 m
Number of wires	3 wire
Life span	1 M switching cycles
Max. contact rating	25 V AC/DC; 1 A
Contact type	Change-over contact

Feature	Order no.
Angular face plate	1 0 4 0 5 . 1 0 - - - - - 0 0
Radius faceplate	1 0 4 0 5 . 1 0 R - - - - 0 0

Adjustable door contact (ball contact)

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.



Technical attributes	
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
Max. contact rating	25 V AC/DC; 1 A
Contact type	Change-over contact

Feature	Order no.
Angular face plate	1 0 4 0 5 . 1 1 - - - - - 0 0
Radius faceplate	1 0 4 0 5 . 1 1 R - - - - 0 0

Description of Electric Strike Model Range 118

Functional modes

Fail-locked, fail-unlocked and hold-open modes

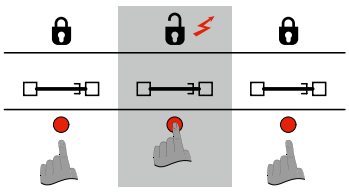
Models **118 and 118F are fail-locked electric strikes.** This means that the electric strike can only be released or the door only opened if the strike is energised and then goes into operation. Fire and smoke control doors may only be fitted with electric strikes based on the fail-locked operating principle. See page 6 for typical areas of use.

Modell **138 is a fail-unlocked electric strike.** This means that it can only be released or the door only opened if the electric strike is **not** energised and is thus unlocked. See page 6 for typical areas of use. Such fail-unlocked electric strikes may not be used in electric locking systems in escape doors. There are special effeff electric strikes certified and approved for such uses, such as Models 331U and 332.

Models **128 are hold-open electric strikes** based on the fail-locked operating principle. The special feature in these strikes is the hold-open pin in the centre of the electric strike latch bolt. The mechanical hold-open function only activates when there is pressure on the pin, i.e. when the door is closed. If the electric strike is energised, the electric strike holding force is immediately released and the user may pass through the door once, even if the user opens the door a relatively long time after the strike is energised.

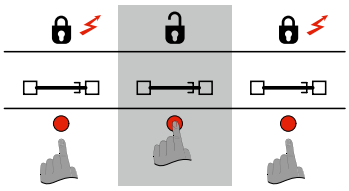
Models **148 are hold-open electric strikes** based on the fail-locked operating principle. The special feature in these strikes is that they do not feature the pin. The hold-open function is based on a so-called **in housing hold-open mode**.
The electric strike unlocks after a short electric impulse is emitted and remains mechanically unlocked until the door is pushed once. The hold-open without pin is activated each time that an electric impulse is emitted, regardless the door is open or closed.

Typical uses for this mode include front doors and main entrance doors where the intercom is placed at some distance from the door.



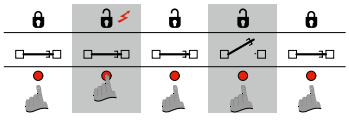
Fail-locked function

The door can only be opened while contact is given. When operated with an AC, a buzzing sound can be heard.
There is no buzzing sound with DC operation.



Fail-unlocked function

The electric strike is locked for as long as the power is on. If the power is switched off, or if there is a power failure, the electric strike latch bolt can be moved and the door can be opened.



Hold-open function

The latch bolt-controlled hold-open pin in the centre of the electric strike latch (Modell 128) or in housing hold-open mode (Model 148) keeps the electric strike unlocked until the door is opened once, even after contact has been made.

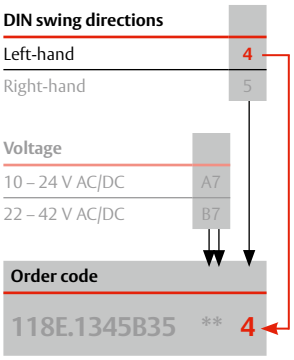
Determination of DIN swing direction

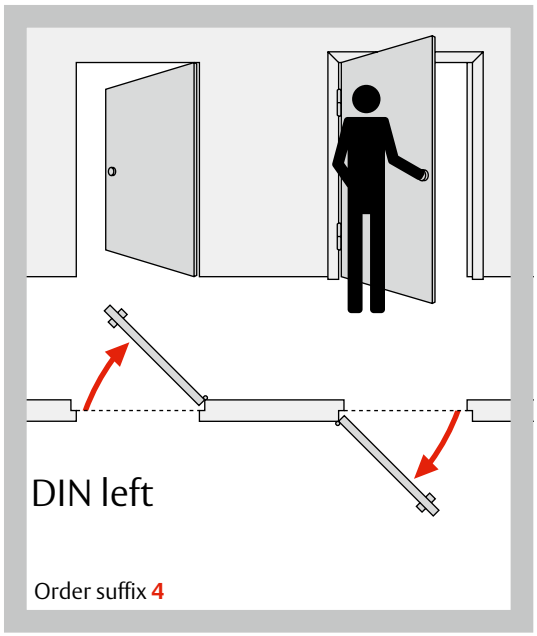
Which direction is required?

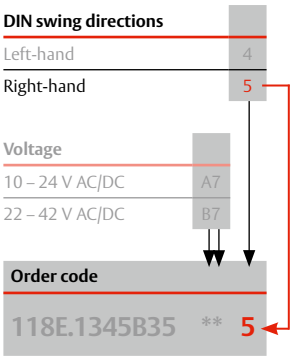
Rule of thumb:

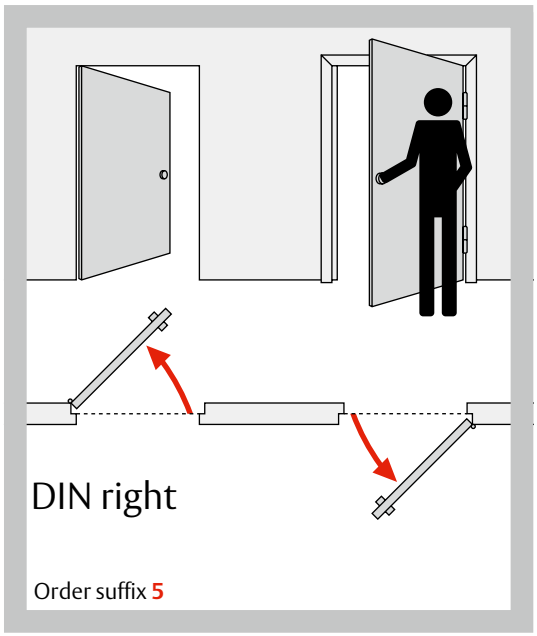
Look at the door from the side on which the hinges are visible. This is the side towards which the door is opened.
The electric strike or strike plate DIN swing direction is used in the DIN table. In double leaf doors, the DIN swing direction of the active leaf is the one you require.

Order suffix for the DIN swing direction:









Power-on time and switch-on currents

Power-on time in % power-on / Min

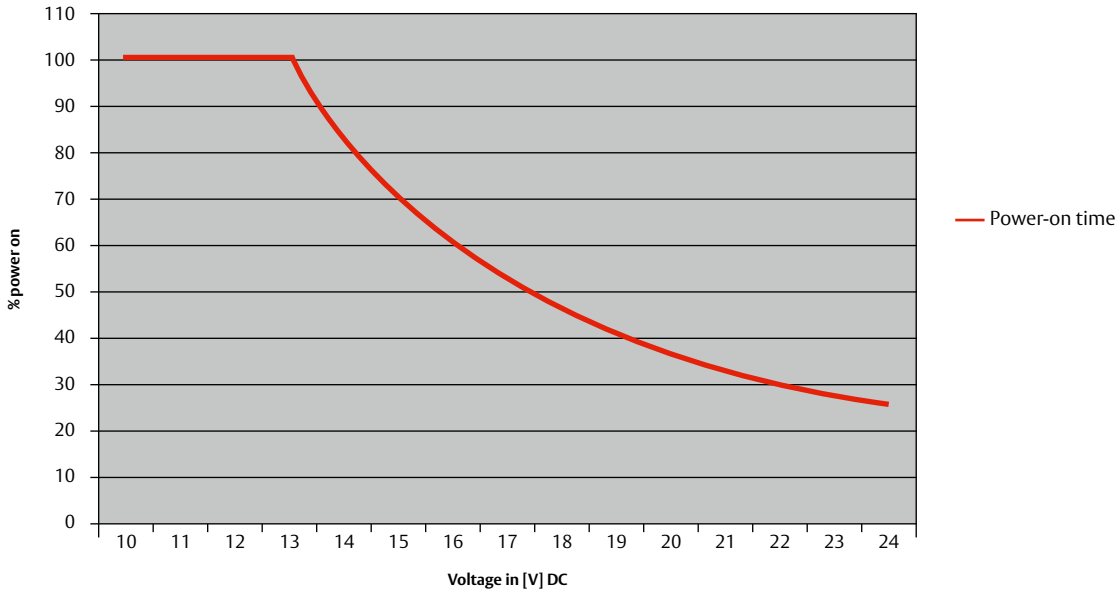
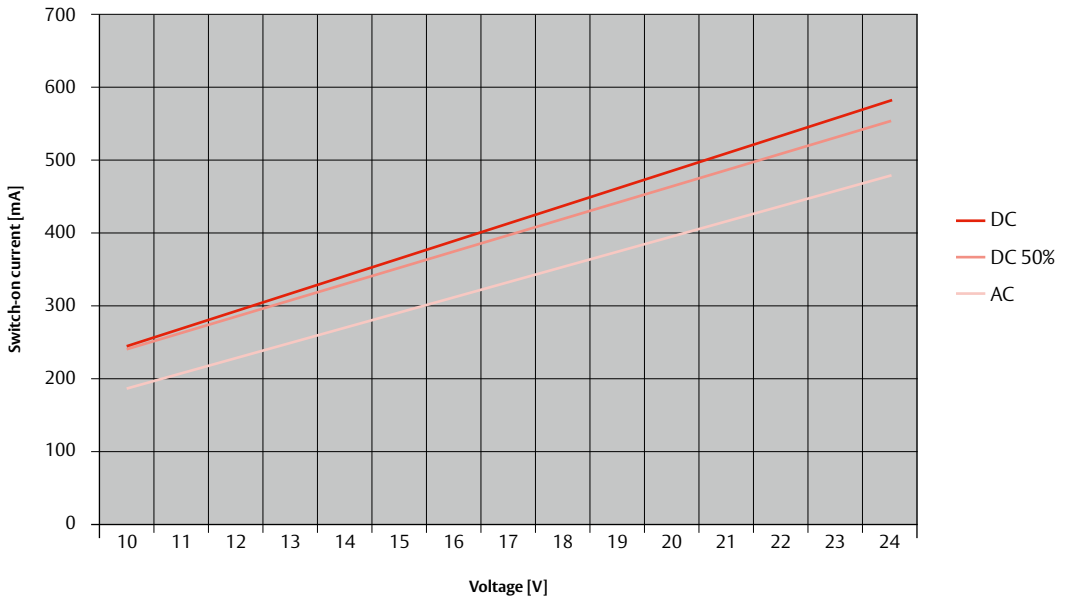


Diagram shows relative power-on time for A71 models (10-24 V AC/DC)

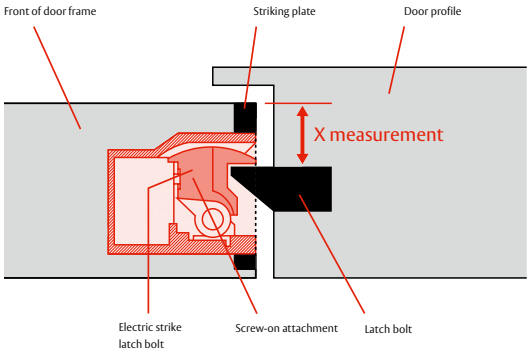
Example

100 % power-on time is guaranteed up to a voltage of 13 V. This means the electric strike can be continually energised without overheating.
If Electric Strike 118E--------A71 is operated at 24 V, the power-on time falls to 25 %. This corresponds to a maximum pulse frequency of 15 seconds continual energising followed by a break of 45 seconds. The electric strike can then be energised again for 15 seconds. You can find the switch-on currents in the graph below. Alternating current (AC) operation requires lower switch-on currents than direct current (DC) operation. "DC 50 %" is a direct current with 50 % ripple.

Switch-on current for AC and DC feeding voltage



Description of the x measurement



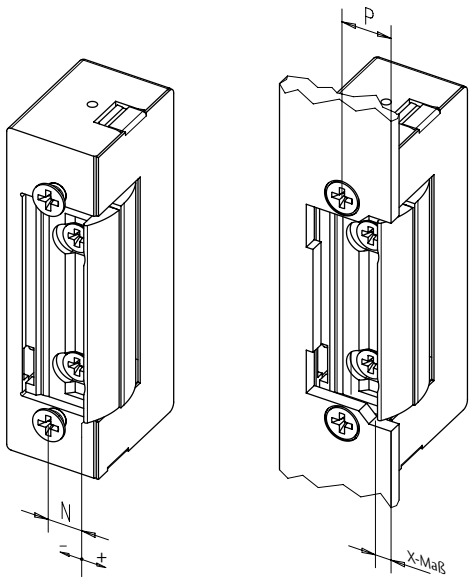
Door systems feature different rebate geometries and are fitted with locks which may also have different latch bolt thicknesses. This is why the selection of a suitable strike plate and other items depends on the so-called x measurement.
The x measurement denotes the distance between the front of the door frame and the latch bolt or electric strike keeper.
Strike plates are generally fitted flush to the door frame. If only the strike plate is taken into account, then the x measurement refers to the distance between the leading edge of the strike plate and the electric strike keeper.

Use this simple calculation formula to determine the x measurement.

$$X = P - N$$

P = Distance from strike plate leading edge to electric strike screw hole
N = Distance from electric strike screw hole to electric strike keeper (variable FaFix adjustment measurement)

You will find the value 'P' in the strike plate drawing and the N measurement in the table.



Type	N meas. mm	FaFix	N[mm] FaFix adjustment measurement	Feature
118E	8.3	- 1mm / + 2mm	7.3-8.3* - 9.3-10.3	E = with mechanical daytime unlocked mode
118F	8.3	- 1mm / + 2mm	7.3-8.3* - 9.3-10.3	F = for fire doors
118E500	7.3	- 1mm / + 2mm	6.3-7.3* - 8.3-9.3	Housing hole offset by 1mm
118F500	7.3	- 1mm / + 2mm	6.3-7.3* - 8.3-9.3	Housing hole offset by 1mm
118E.13	6.3	- 1mm / + 2mm	5.3-6.3* - 7.3-8.3	ProFix 2
118F.13	6.3	- 1mm / + 2mm	5.3-6.3* - 7.3-8.3	ProFix 2
118E.14	6.3	- 1mm / + 2mm	5.3-6.3* - 7.3-8.3	ProFix 2 for angled plate 25x10x250mm
118F.14	6.3	- 1mm / + 2mm	5.3-6.3* - 7.3-8.3	ProFix 2 for angled plate 25x10x250mm
118E340	6.8	- 1mm / + 2mm	5.8-6.8* - 7.8-8.8	Screw-on attachment minus 1.5 mm
118E343	6.8	- 1mm / + 2mm	5.8-6.8* - 7.8-8.8	Screw-on attachment minus 1.5 mm, slotted
118E103	5.3	- 1mm / + 2mm	4.3-5.3* - 6.3-7.3	Screw-on attachment minus 3mm
118E130	8.3	- 1mm / + 2mm	7.3-8.3* - 9.3-10.3	Screw-on attachment minus 3 mm, slotted
118E190	7.3	- 1mm / + 2mm	6.3-7.3* - 8.3-9.3	Screw-on attachment, brass, slotted
118E120	10.3	- 1mm / + 1mm	9.3-10.3* - 11,3	Screw-on attachment plus 2 mm
118E101	5.3	- 1mm / + 2mm	4.3-5.3* - 6.3-7.3	Screw-on attachment minus 3mm, slotted
118E540	5,8	- 1mm / + 2mm	4.8-5.8* - 6.6-7.8	Housing hole offset by 1 mm Screw-on attachment minus 1.5 mm
118E501	4.3	- 1mm / + 2mm	3,3-4.3* - 5.3-6.3	Housing hole offset by 1 mm Screw-on attachment minus 3mm
118E.15SET	6.3	- 1mm / + 2mm	5.3-6.3* - 7.3	ProFix®2, installation height of 19.1mm

Please note:
Adjustment measurements are rounded up or down.
* = Factory settings

Descriptions of ProFix®

Model Range 118 Electric Strikes are also available in a so-called ProFix® 2 design. ProFix® 2 – a further developed version of ProFix® 1 – combines FaFix and a latch bolt guide in a single component. The ProFix® 2 latch bolt guide becomes an integrated part of the electric strike, rather than the strike plate.

Advantage:

- ProFix® 2 Flat Strike Plates are generally non-handed and can thus be used in DIN left- and DIN right-hand doors. This makes selecting strike plates easier and reduces the number of versions and storage requirements.

ProFix® 2 Electric Strikes in the 118 and 118F Model Ranges feature the same, symmetric design.

Advantages:

- These electric strikes are non-handed and can thus be used in DIN left- and DIN right-hand doors. This makes selecting strike plates easier and reduces the stock level.
- All electric strikes in the 118 ProFix® 2 Model Range are essentially compatible with ProFix® 2 Strike Plates
- Cut-outs for electric strikes can thus be standardised, irrespective of whether the doors are subject to fire safety and smoke control requirements or not.
- The seal layer between the door leaf and frame is not interrupted.

This offers several advantages:

- More visually appealing; improves the overall appearance of a door
- Less time and effort for cut-outs when preparing the frame
- Improved noise insulation value possible
- More impervious to smoke
- Improved cold and heat insulation (Passive and low-energy houses)
- Greater protection against vandalism, as ProFix® 2 Electric strikes are 'invisible' when the door is closed.

1 Before
effeff Model 17 with interrupted, cut-out seal layer in the aluminium profile.

2 Now
ProFix 2 Model 118E.13 with Strike Plate no. 26B with closed seal layer in the aluminiumprofile.

Classification key as per DIN EN 14846:2008-11

* According to the Gazette of the European Union, the co-existence period with EN 14846 : 2008 ends on 1.9.2012.

DIN EN 14846* is applicable to electro-mechanical locks and strike plates. Electro-mechanical strike plates include electric strikes.

Section 3 of DIN EN 14846 defines the different terms. In Section 3.2 you will find:

Electro-mechanical strike plate (or electric strike)
Component which is fastened to the frame and which activates a locking and/or unlocking action by electrically operated means.

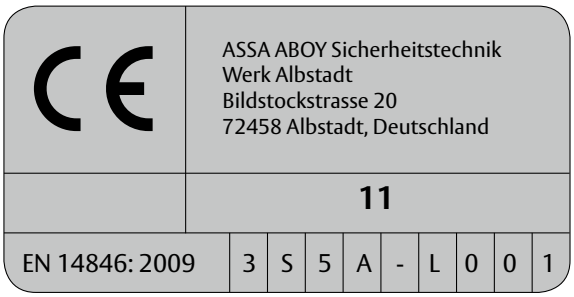
Electro-mechanically operated electric strikes must be classified according to a nine-digit classification system in compliance with the aforementioned DIN standard.

This nine-digit classification key is divided into:

1. Use category
2. Proof of durability and mechanical load on the latch
3. Door mass and locking force
4. Suitability for use with fire and smoke control doors
5. Security
6. Resistance to corrosion, temperature and humidity
7. Protective effect and drilling resistance
8. Protective effect with regard to electrical mode of operation
9. Protective effect with regard to electrical tampering

All electric strikes in the Model Range 118 are tested in the factory in compliance with DIN EN 14846:2008.11.

Example

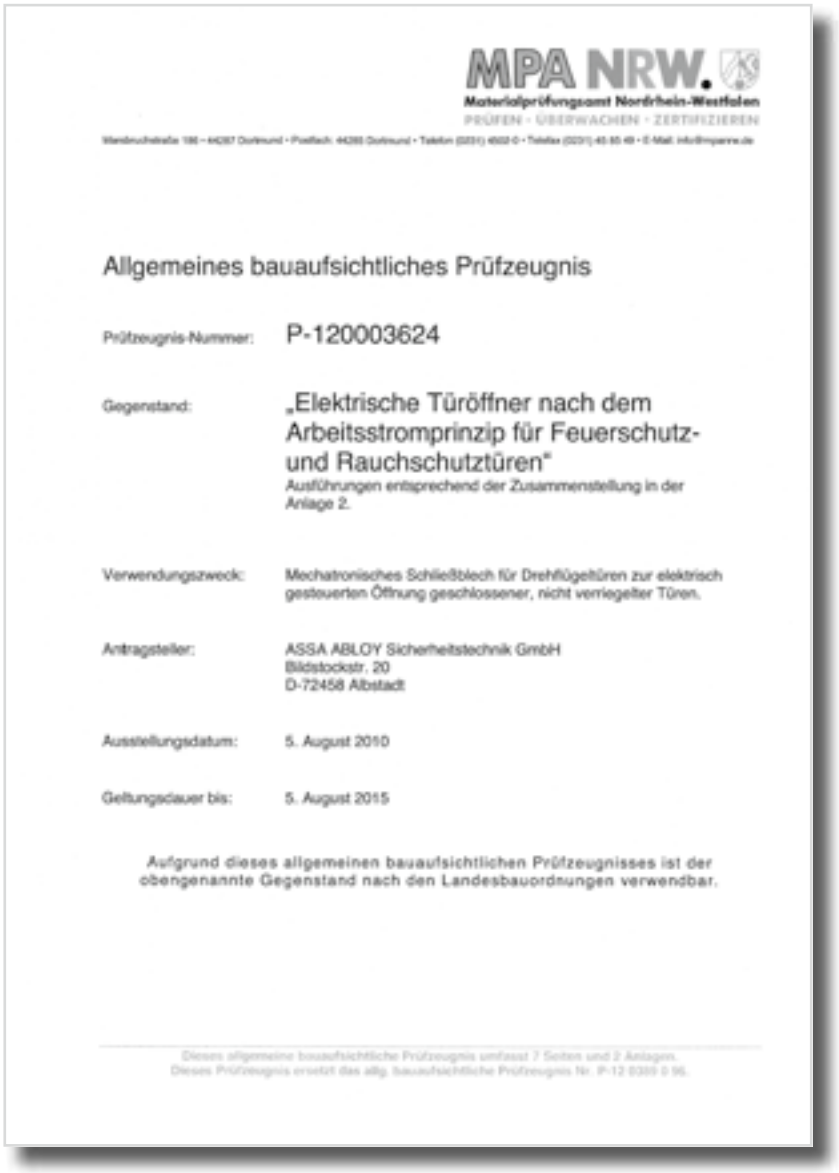


Electric strike range	Classification key as per DIN EN 14846:2008-11									Type of current	
	1	2	3	4	5	6	7	8	9	AC	DC
118 F	3	S	2	E	-	L	0	0	1		X
118 F	3	X	2	E	-	L	0	0	1	X	
118	3	S	5	0	-	L	0	0	1		X
118	3	X	5	0	-	L	0	0	1	X	

Certificates

Certified security

You can find tests certificates and EC declarations of conformity online in our support section at www.assaabloy.de.



MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN · ÜBERWACHEN · ZERTIFIZIEREN

Allgemeines bauaufsichtliches Prüfzeugnis

Prüfzeugnis-Nummer: P-120003624

Gegenstand: „Elektrische Türöffner nach dem Arbeitsstromprinzip für Feuerschutz- und Rauchschutztüren"
Ausführungen entsprechend der Zusammenstellung in der Anlage 2.

Verwendungszweck: Mechatronisches Schließblech für Drehflügeltüren zur elektrisch gesteuerten Öffnung geschlossener, nicht verriegelter Türen.

Antragsteller: ASSA ABLOY Sicherheitstechnik GmbH
Bildstockstr. 20
D-72458 Albstadt

Ausstellungsdatum: 5. August 2010

Geltungsdauer bis: 5. August 2015

Aufgrund dieses allgemeinen bauaufsichtlichen Prüfzeugnisses ist der obengenannte Gegenstand nach den Landesbauordnungen verwendbar.

Maintenance and care instructions

You must comply with the following maintenance and care instructions to ensure that the product can function reliably without any problems.

Check voltage!

The warranty is voided in the case of improper handling or use.

Filing and grinding swarf become magnetic and jam the electric strike keeper.

When applying a finishing coat, you must not coat the electric strike latch keeper with paint or any other type of finish.

effeff door strikes feature permanent lubrication.
Inner parts of electric strikes must not be lubricated. The running surfaces of lock or electric strike latch need to be lubricated a little on a regular basis where the latch or electric strike latch comes into contact with other surfaces.

When installing near to the ground (minimum height of 100 mm), ensure that no dirt or dirty water can come into contact with the electric strike.

FAQs

You can find other FAQs online in our support section at:
http://www.planerportal.de/service/support-cd/Support/data/faq/faq.html

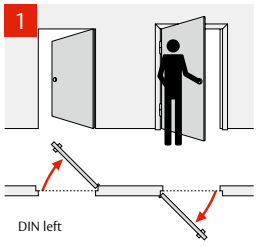
Here are some of the FAQs:

What do the numbers 1.10 or 01.10 mean on the nameplate of an effeff product?
These numbers indicate the production date. In the case of nameplates with barcodes, the number before the point refers to the month and the number after the point refers to the year; for example, 01.10 corresponds to January 2010. In the case of nameplates without barcodes, the first number refers to the quarter and the second the year. In our example, 1.10 refers to the 1st quarter of 2010.

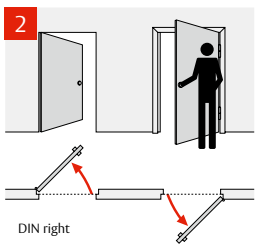
A fail-locked electric strike does not unlock when operated with an alternative current. How can I make it work?
As basic rule, the pre-load values in electric strikes are lower when operated with a direct current than with an alternative current. The FaFix adjustment setting allows you to reduce the pressure on the latch bolt, thus making it easier to unlock. If this is not enough, we recommend using effeff Pre-Load Electronic Assembly 760-12. This enables the system to handle pre-loads up to 300 N using a direct current.

Which electric strike is locked in the event of a power failure?
Electric strikes with fail-locked operation (1st types, such as Models 118, 116, 16W, 142U and 143) are locked in the event of a power failure. The door can only be opened when the electric strike is energised. When electric strikes are operated with an alternating current, the typical buzzing sound can be heard. There is no buzzing sound with direct current operation. Electric strikes are designed for momentary contact, such as when the electric strike is released by pressing a button.

Which electric strike features an electric impulse which keeps the door unlocked until the door is opened?
Electric strikes with a hold-open function (2nd types, such as Models 26W, 27, 128, 148 and 126). The hold-open pin in the centre of the electric strike latch bolt is pressed when the strike is energised and when the door is closed. The electric strike remains unlocked until the hold-open pin is withdrawn when the door is opened.



How can I determine the difference between DIN left and right?
Rule of thumb for DIN table: Look at the door from the side on which the hinges are visible. This is the side towards which the door is opened.
1) Door hinges on the left = DIN left
2) Door hinges on the right = DIN right
The DIN swing direction is usually required for angled strike plates.



Entrance doors to doctor and lawyer practices should not be left open, but they can be opened automatically by pressing the bell push during visiting hours.
Such a system can be installed by using Automatic Electric Strike Control Unit Model 750. The visitor rings the door bell, thus releasing the electric strike after a short delay if the automatic system is switched on. You can adjust both the delay period before the electric strike is released and the time that the electric strike is energised. If the control unit is switched off, the electric strike functions as normal.

FAQs

How can I switch a door to permanently open using a time switch or normal switch?
The order suffix eE indicates electric strikes which can be permanently energised. A direct current is used to eliminate the typical buzzing sound that an electric strike makes when opening. If intercom mode with a buzzing sound is to be combined with noise-free permanently unlocked mode, you can use Switchover Device Model 7410-10.
This is available in 8 V eE, 12 V eE and 24 V eE versions.

Which electric strikes may be used in fire doors?
Test certificates issued by the MPA NRW testing centre are available for Model Ranges 131, 142U, 143 and 118F. These electric strikes may only be installed when the fire door is being manufactured. If retrofitted, they are no longer valid as an approved fire-rated system. Please observe the German Institute for Building Technology's notifications.

Which electric strikes may be used in smoke control doors?
Electric strikes in our 118S und 111U ranges. These ranges are approved by the MPA for use in smoke control doors.

Which electric strikes can be used with an access control unit?
When using electronic devices such as door code units, electronics need to be protected against interference pulses. We therefore recommend using electric strikes with an integrated diode. These electric strikes are generally indicated with the number '05'. Electric strikes with a suppressor diode can be operated using either an alternative or direct current. Electric strikes with a recovery diode must only be operated using a direct current. It is recommended to use electric strikes with monitoring contacts (RR) to ensure that strikes are full functional and reliable when connected to an access control unit.

Which order suffix must I use when I require an electric strike with a lever for unlocking the door mechanically?
The order suffix eE indicates electric strikes which have a permanently unlocked function. This additional feature is only available for fail-locked electric strikes with the exception of security door electric strikes. An adjusting screw is used instead of a unlocking lever in waterproof electric strikes or swing door electric strikes. If the door is also fitted with a door closer, this prevents the door from staying open when pushed open due to wind pressure or differences in air pressure.

Which electric strikes allow operators to overview the door position?
Electric strikes with the suffix RR in their model identification code feature an integrated changeover contact which detects when the latch bolt is engaged, thus establishing whether it is 'open' or 'closed'. The contact is potential-free and can resist a switching voltage up to 25 V and a switching current of 1 A.

An entrance door needs to be released in the event of a power failure. Which electric strike can be used in such a case?
Electric strikes with fail-unlocked operation (3rd types, such as Models 36W, 37, 342, 343 and 138) are unlocked in the event of a power failure. The electric strike must be energised to lock the door. If the electric current is switched off or isinterrupted due to a power failure, the electric strike is unlocked. Only direct current operation is possible due to technical reasons. Please note that we offer a special electric strike range for doors on rescue routes.

FAQs

What causes the buzzing noise in an electric strike and how can this noise be switched off?

All fail-locked electric strikes produce the typical buzzing noise when energised by an alternative current. This buzzing is generally welcome because it acts as a signal to indicate that the electric strike is working. The volume is at its loudest in the lower reaches of the permissible rated voltage range. Such a buzzing noise may cause a nuisance, depending on the respective structural conditions. The level of noise can only be mitigated at its point of origin to a certain extent. In metal frame profile doors, for example, noise can be reduced by filling the profile hollows with foam. It also helps to activate the electric strike with a direct current, which does not produce a signal and any pre-load in the latch may affect the opening function.

Order form

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

Customer-No.:
Address:

Company

Branch

Contact

Telephone

Fax

Email

Street / POB

Postal Code / Town

Order Date:

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

Order Number	Pce.

Urgent orders can also be placed via email:

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

Quotations and deliveries are made in accordance with our conditions of delivery and payment.

Notes

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.
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We reserve the right to make technical modifications. 2.1901-179 0G0 00

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