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

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.

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.

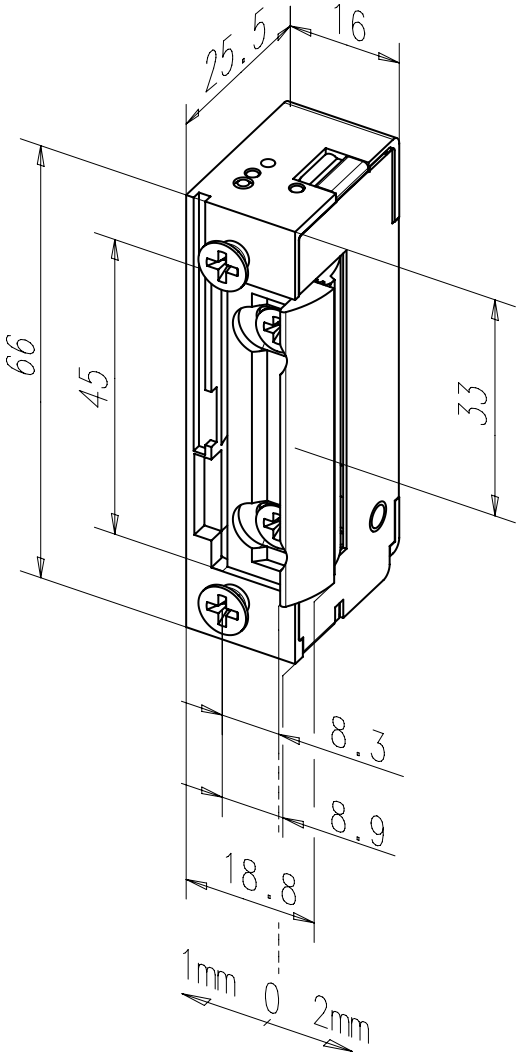
Electric strikes in Model range 118 all feature the same compact design and the same connection technology with a plug-in option.
A conventional connection using wires is still possible. The optional plug-in connection cable (see Accessories) makes connection easy and also reduces the time required for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

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	

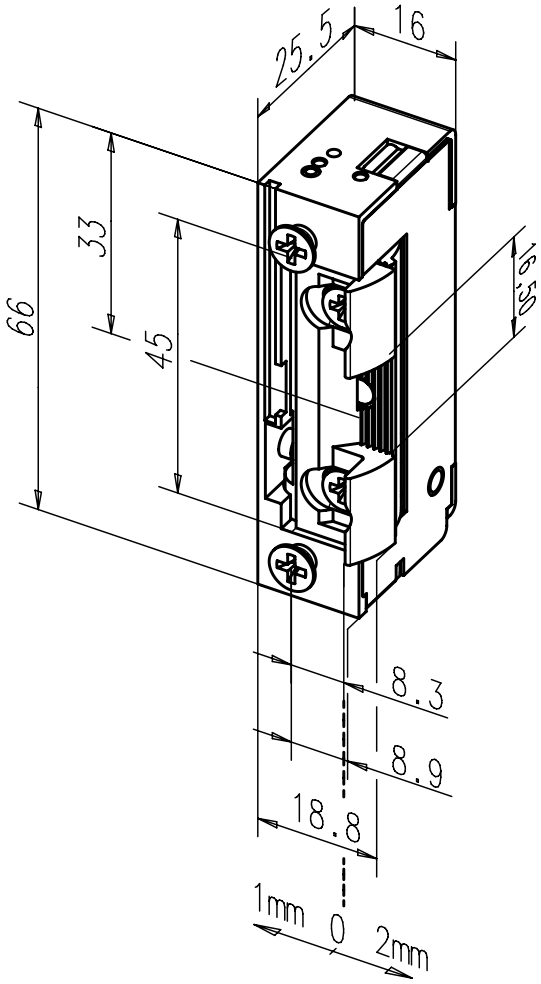
DIN door swing directions	
Universal	1

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 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	

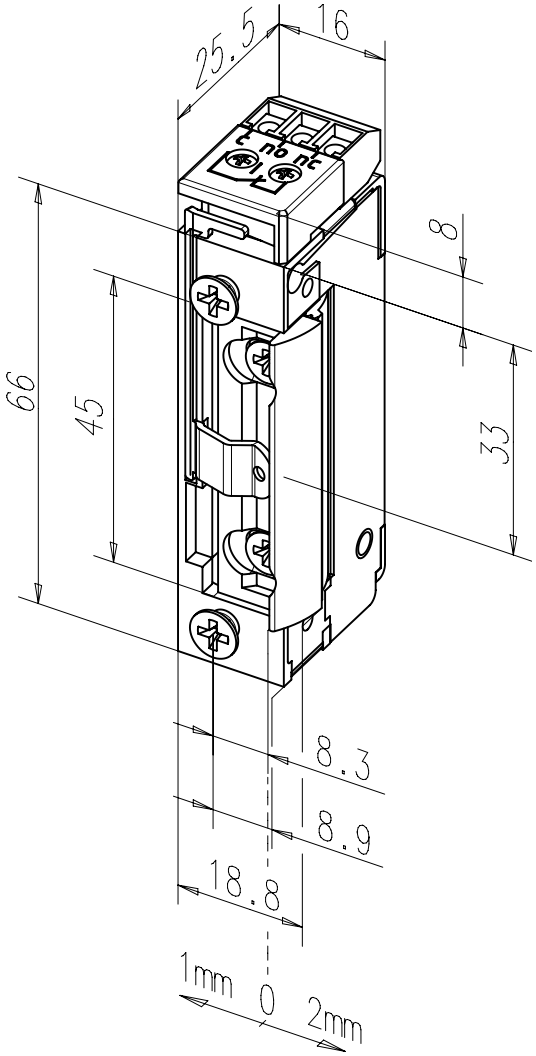
DIN door swing directions	
Universal	1

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 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	

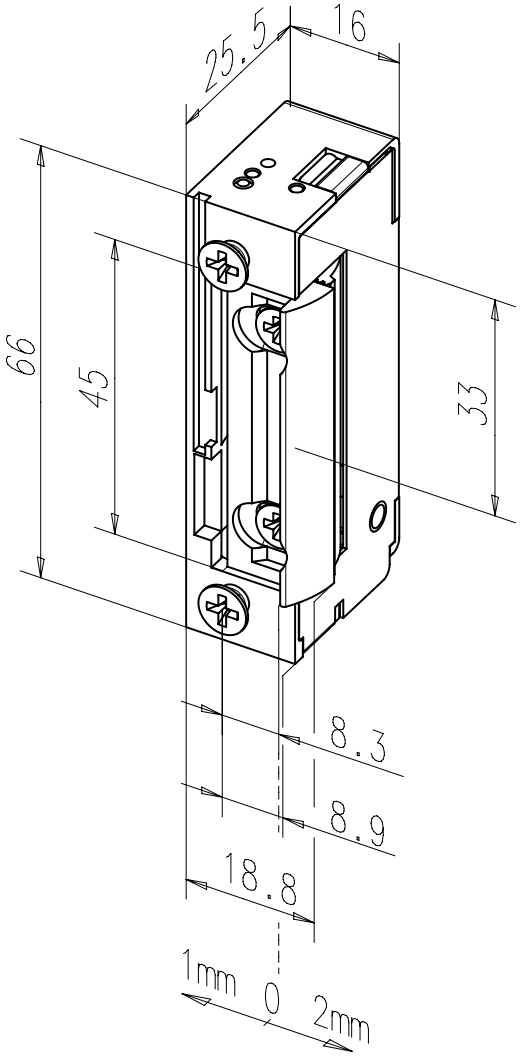
DIN door swing directions	
Universal	1

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-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	

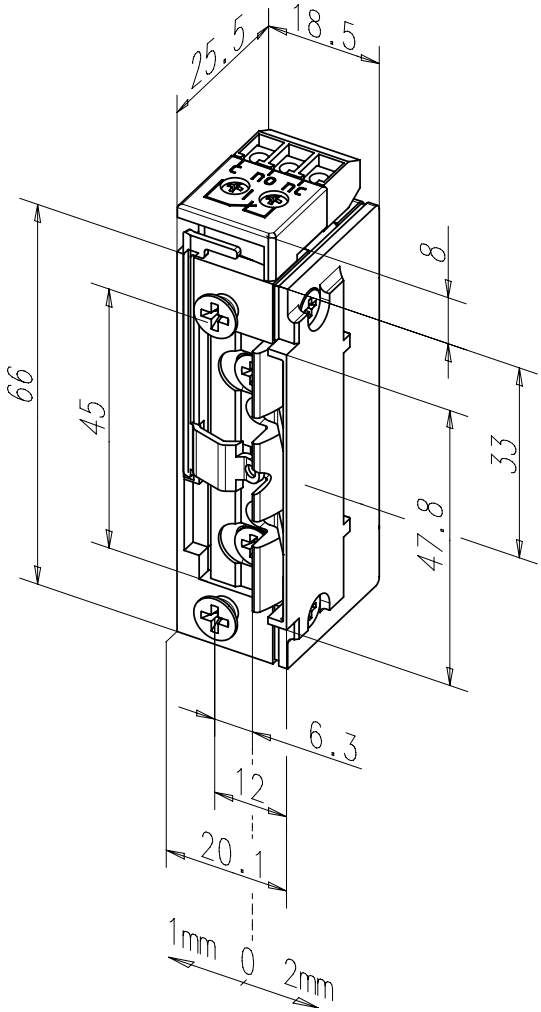
Technical attributes	
Break-in resistance	3750 N
Height	66 mm
Width	16 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Suitability for fire protection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

DIN door swing directions	
Universal	1

Voltage	
12 V DC	E9
24 V DC	F9

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

Fail-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

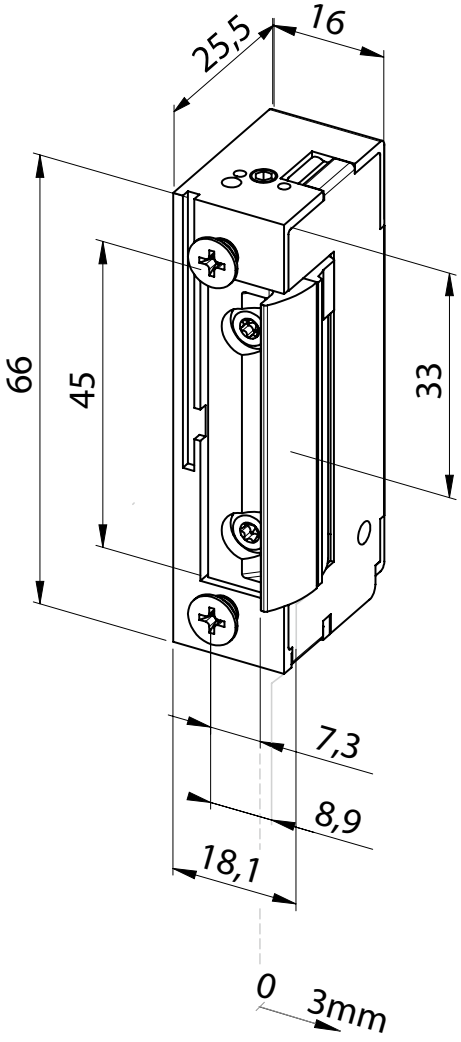
Technical attributes	
Break-in resistance	3750 N
Height	74 mm
Width	20,1 mm
Depth	25,5 mm
FaFix® adjustment range	3 mm
Latch bolt engaging depth	5,5 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Load cycles for in-plant test	250000
Switching capacity -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

Fail-locked 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	•

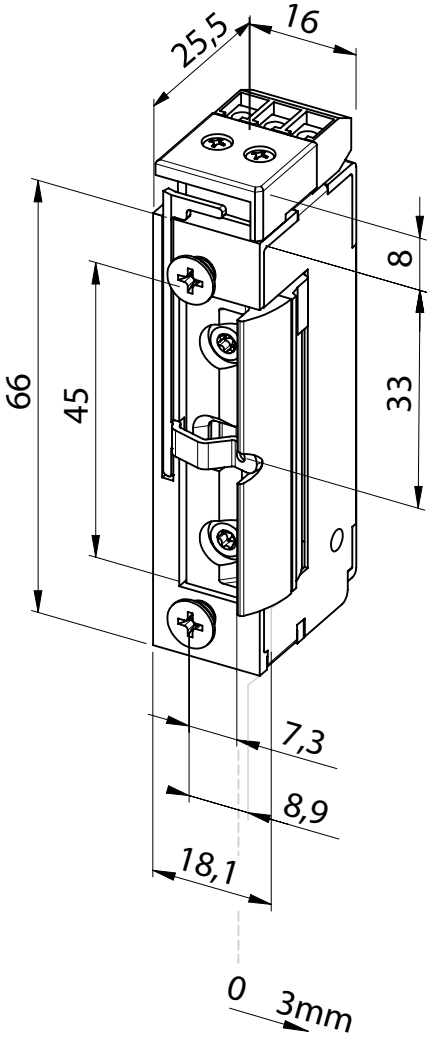
DIN door swing directions	
Universal	1

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	•

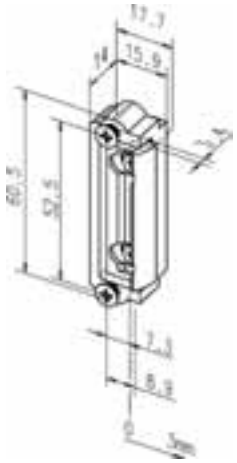
DIN door swing directions	
Universal	1

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

Dummy component



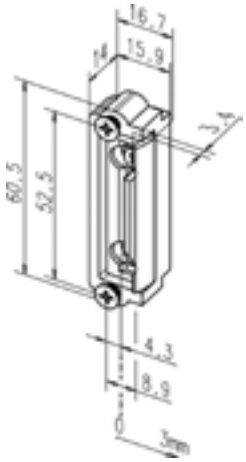
Dummy Component 1418-100

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



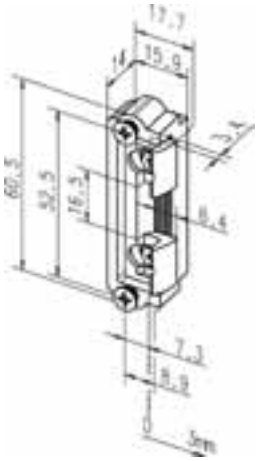
Dummy Component 1418-101

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

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**

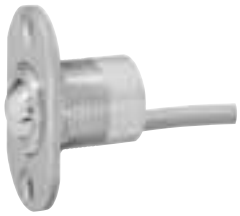
Dead bolt switch contact model 875-10 KL

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

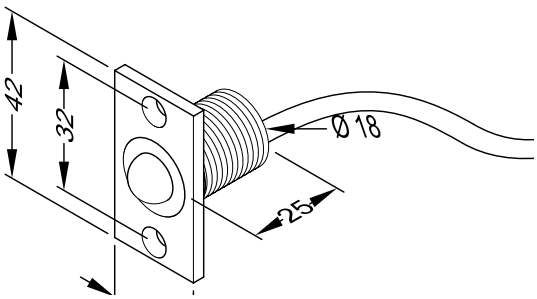
Feature	Order no.
With short flat striking plate	**8 7 5 - 1 0 - 1 2 2 4 0 - 0 1**

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.

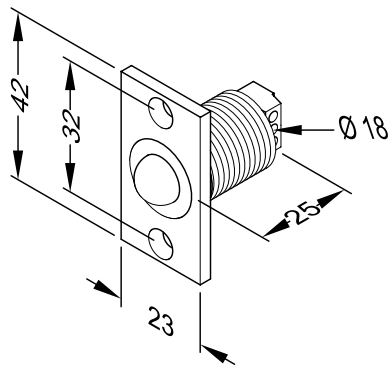


Technical attributes	
Class of protection	IP 40
Response path	1 mm
Adjustment path	13 mm
Diameter	18 mm
Type of connection	Connecting cable
Connecting cable	4 m
Number of wires	3 wire
Life span	1 M switching cycles
Max. contact rating	25 V AC/DC; 1 A
Contact type	Change-over contact

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

Functional modes

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

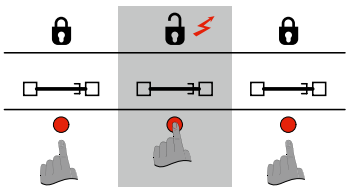
Models **118 and 118F are fail-locked electric strikes.** This means that the electric strike can only be released or the door only opened if the strike is energised and then goes into operation. Fire and smoke control doors may only be fitted with electric strikes based on the fail-locked operating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

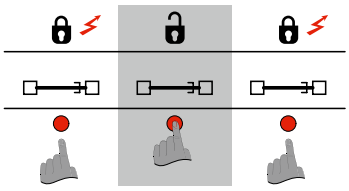
Models **148 are hold-open electric strikes** based on the fail-locked operating principle. The special feature in these strikes is that they do not feature the pin. The hold-open function is based on a so-called **in housing hold-open mode**.
The electric strike unlocks after a short electric impulse 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.



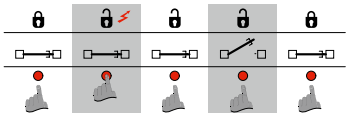
Fail-locked function

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

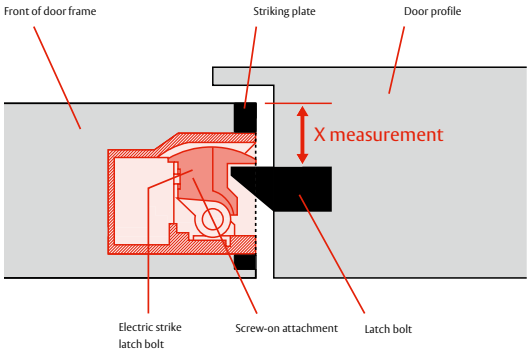
The electric strike is locked for as long as the power is on. If the power is switched off, or if there is a power failure, the electric strike latch bolt can be moved and the door can be opened.



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.

Description of the x measurement



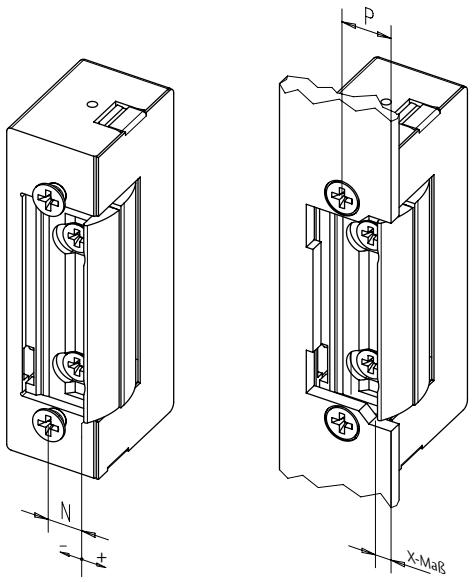
Door systems feature different rebate geometries and are fitted with locks which may also have different latch bolt thicknesses. This is why the selection of a suitable strike plate and other items depends on the so-called x measurement.
The x measurement denotes the distance between the front of the 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.

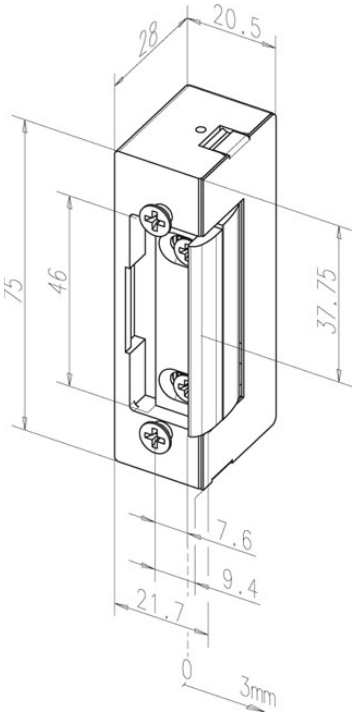
1 Before
effeff Model 17 with interrupted, cut-out seal layer in the aluminium profile.

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

1

2

Electric strike E7----------R11



Model with basic equipment.

Overview of Advantages

- Suitable for all common striking plates
- Due to 180° fitting, can be used DIN right and left
- Symmetrical design

Scope of delivery

- 1 piece electric strike

Technical data	
Voltage	8-16 V AC/DC
DIN direction	Universal
Adjustable latch (FF, FaFix®)	Yes
Fail-locked	Yes
Break-in resistance	3500 N
Height	75 mm
Width	20,5 mm
Depth	28 mm
Operating temperature range	-15 °C to +40 °C
Installation position	vertical and horizontal
Operating voltage tolerance range 8 V	as specified
Rated operating voltage tolerance range	as specified
Operating voltage tolerance range 12 V	as specified
Operating voltage tolerance range 16 V	as specified
Rated resistance 8 V	22 Ω
Nominal resistance 12 V	22 Ω
Rated resistance 16 V	22 Ω
AC-current consumption 8 V	310 mA
AC current consumption 12 V	470 mA
AC-current consumption 16 V	620 mA
DC-current consumption (50% Residual ripple) 8 V	350 mA
DC-current consumption (50% Residual ripple) 12 V	520 mA
DC-current consumption (50% Residual ripple) 16 V	690 mm
DC-current consumption (stabilized) 8 V	360 mA
DC-current consumption (stabilized) 12 V	550 mA
DC-current consumption (stabilized) 16 V	730 mA
Max. latch preload AC operation 8 V	60 N
Max. latch preload AC operation 12 V	150 N
Max. latch preload AC operation 16 V	150 N
Max. keep pre-load DC (50% Residual ripple) 8 V	80 N
Max. latch preload DC (50% ripple) 12 V	50 N
Max. latch preload DC (50% ripple) 16 V	50 N
Max. latch preload DC (stabilised) 8 V	10 N
Max. latch preload DC (stabilised) 12 V	10 N
Max. latch preload DC (stabilised) 16 V	10 N

EAN-Number	Article number
	E7----------R11

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Electric strike E7R---------E91

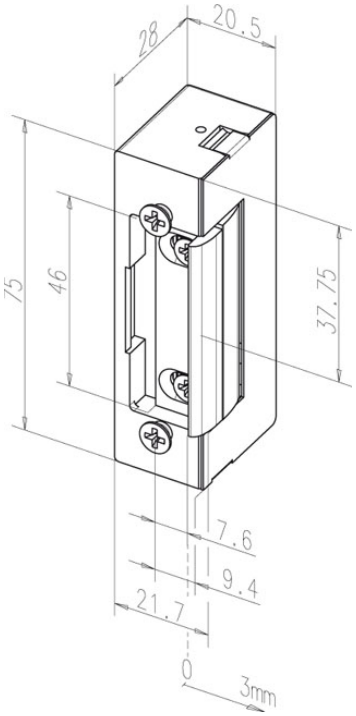
Model with basic equipment.

Overview of Advantages

- Suitable for all common striking plates
- Due to 180° fitting, can be used DIN right and left
- Symmetrical design

Technical data	
Voltage	12 V DC
DIN direction	Universal
Adjustable latch (FF, FaFix®)	Yes
Fail-unlocked	Yes
Break-in resistance	3500 N
Height	75 mm
Width	20,5 mm
Depth	28 mm
Operating temperature range	-15 °C to +40 °C
Operating voltage tolerance range	± 1 V
Rated resistance	44 Ω
DC current consumption (50% Residual ripple)	225 mA
Current consumption DC (stabilised)	270 mA
Max. keeper pre-load DC (50% residual ripple)	10 N
Max. latch preload DC (stabilised)	10 N
Contact loading capacity	1 A
Rated operating voltage tolerance range	± 1 V

EAN-Number	Article number
	E7R---------E91



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Electric strike E7R---------F91

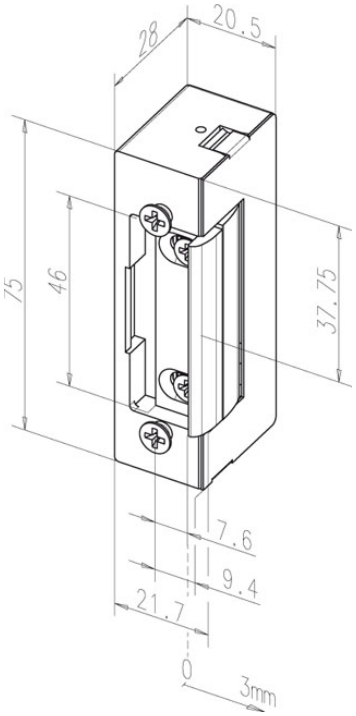
Model with basic equipment.

Overview of Advantages

- Suitable for all common striking plates
- Due to 180° fitting, can be used DIN right and left
- Symmetrical design

Technical data	
Voltage	24 V DC
DIN direction	Universal
Adjustable latch (FF, FaFix®)	Yes
Fail-unlocked	Yes
Break-in resistance	3500 N
Height	75 mm
Width	20,5 mm
Depth	28 mm
Operating temperature range	-15 °C to +40 °C
Operating voltage tolerance range	± 2 V
Rated resistance	230 Ω
DC current consumption (50% Residual ripple)	140 mA
Current consumption DC (stabilised)	120 mA
Max. keeper pre-load DC (50% residual ripple)	10 N
Max. latch preload DC (stabilised)	10 N
Contact loading capacity	1 A
Rated operating voltage tolerance range	± 2 V

EAN-Number	Article number
	E7R---------F91



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Electric strike E7AE--------R11

Model with mechanical unlocking.

Overview of Advantages

- Suitable for all common striking plates
- Due to 180° fitting, can be used DIN right and left
- Symmetrical design

Technical data	
Voltage	8-16 V AC/DC
DIN direction	Universal
Adjustable latch (FF, FaFix®)	Yes
Mechanical unlocking (E)	Yes
Fail-locked	Yes
Hold-open function	Yes
Break-in resistance	3500 N
Height	75 mm
Width	20,5 mm
Depth	28 mm
Operating temperature range	-15 °C to +40 °C
Operating voltage tolerance range 8 V	as specified
Rated operating voltage tolerance range	as specified
Operating voltage tolerance range 12 V	as specified
Operating voltage tolerance range 16 V	as specified
Rated resistance 8 V	22 Ω
Nominal resistance 12 V	22 Ω
Rated resistance 16 V	22 Ω
AC-current consumption 8 V	310 mA
AC current consumption 12 V	470 mA
AC-current consumption 16 V	620 mA
DC-current consumption (50% Residual ripple) 8 V	350 mA
DC-current consumption (50% Residual ripple) 12 V	520 mA
DC-current consumption (50% Residual ripple) 16 V	690 mm
DC-current consumption (stabilized) 8 V	360 mA
DC-current consumption (stabilized) 12 V	550 mA
DC-current consumption (stabilized) 16 V	730 mA
Max. latch preload AC operation 8 V	60 N
Max. latch preload AC operation 12 V	150 N
Max. latch preload AC operation 16 V	150 N
Max. keep pre-load DC (50% Residual ripple) 8 V	80 N
Max. latch preload DC (50% ripple) 12 V	50 N
Max. latch preload DC (50% ripple) 16 V	50 N
Max. latch preload DC (stabilised) 8 V	50 N
Max. latch preload DC (stabilised) 12 V	10 N
Max. latch preload DC (stabilised) 16 V	10 N

EAN-Number	Article number
	E7AE--------R11

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