Sales brochure

The original - trust the best

Electric strikes from effeff. We open doors - around the world!




hette

From brand to product name: why we understand electric strikes from effeff

There are many imitators, but there's only one original. Our electric strikes have been impressing users for many decades in over 70 countries with their quality every day.

Since its founding in 1936, the German company effeff has become the market leader in the door control systems segment. After starting electric strike production in 1947, a comprehensive product range was gradually developed, which today offers highly coordinated system solutions for doors. For many customer requirements, we develop special solutions in our own test laboratory - that is also a long-standing tradition for us.

effeff is part of ASSA ABLOY
Since 1 February 2000, effeff has been part of the ASSA ABLOY Group based in Stockholm and merged with IKON GmbH Präzisionstechnik, Berlin, which is also part of the group, at the beginning of 2005 to form ASSA ABLOY Sicherheitstechnik GmbH.

The well-known and proven brands IKON and effeff will remain under the umbrella of ASSA ABLOY Sicherheitstechnik GmbH, along with the production and sales locations in Berlin and Albstadt, as well as the sales office in Ratingen.

More security around the globe
ASSA ABLOY is the leading manufacturer and supplier of mechanical and electromechanical locks and related products worldwide.
Our customers benefit from the extensive know-how of the world's largest group of companies which provides greater convenience and greater security throughout the world.





FIRST PATENT

1932

1947

ELECTRIC STRIKE FACTORY

1936

FOUNDATION

EFFEFF IS REGISTERED

1952

1970

FAFIX®

EFFEFF GROUP BECOMES PART OF THE ASSA ABLOY GROUP

2000

2007

SMALLEST ELECTRIC STRIKE FOR STANDARD APPLICATIONS

MEDIATOR®

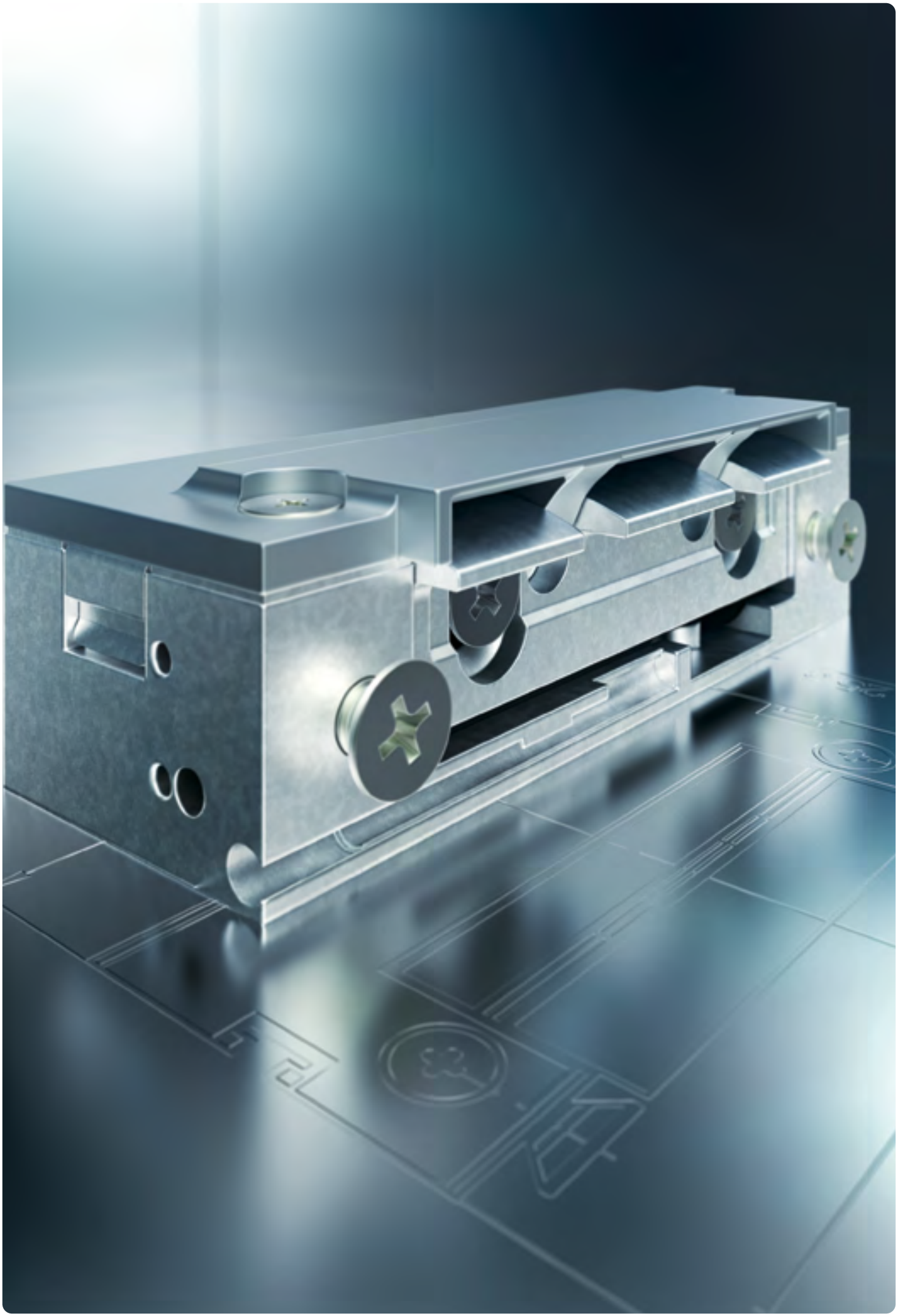
2007

FORBES LIST

2016

The success story: the electric strike conquers the world

1932	A patent application was registered for the first electric strike
1936	Fritz Fuss founds a “workshop for precision mechanics and electrical engineering”.
1947	Fritz Fuss focuses on electric strikes, which is soon reflected in the name: Fritz Fuss, electric strike factory. To this day, effeff develops and manufactures electric strikes at the Albstadt plant: Quality made in Germany.
1948	Fritz Fuss receives a patent for the first electric strike with “hold-open function”. Today, the effeff brand holds more than 130 patents.
1952	The “effeff” brand is registered by Fritz Fuss.
1970	The latch adjustment option is launched as FaFix® and is patented. After the patent protection expires, it is copied by many other manufacturers.
2000	effeff becomes part of the ASSA ABLOY Group based in Stockholm.
2002	90 percent of all doors in Germany that are equipped with an electric strike are fitted with effeff brand.
2003	Certification in accordance with ISO 9001. Production at the Albstadt plant is highly automated, and modern CNC-controlled milling, turning, punching, bending and machining centres are used.
2007	effeff develops the world’s smallest electric strike for standard applications to date, measuring 25.5 x 16 x 66 mm.
2007	The MEDIATOR® solution is launched: The lock/electric strike solution is so innovative that it is protected under patent law.
2016	ASSA ABLOY appears on the Forbes list of most innovative companies for the third time.



The right electric strike solution for every type of door: minimum installation dimensions - maximum effect

Electric strike for standard application Model 118

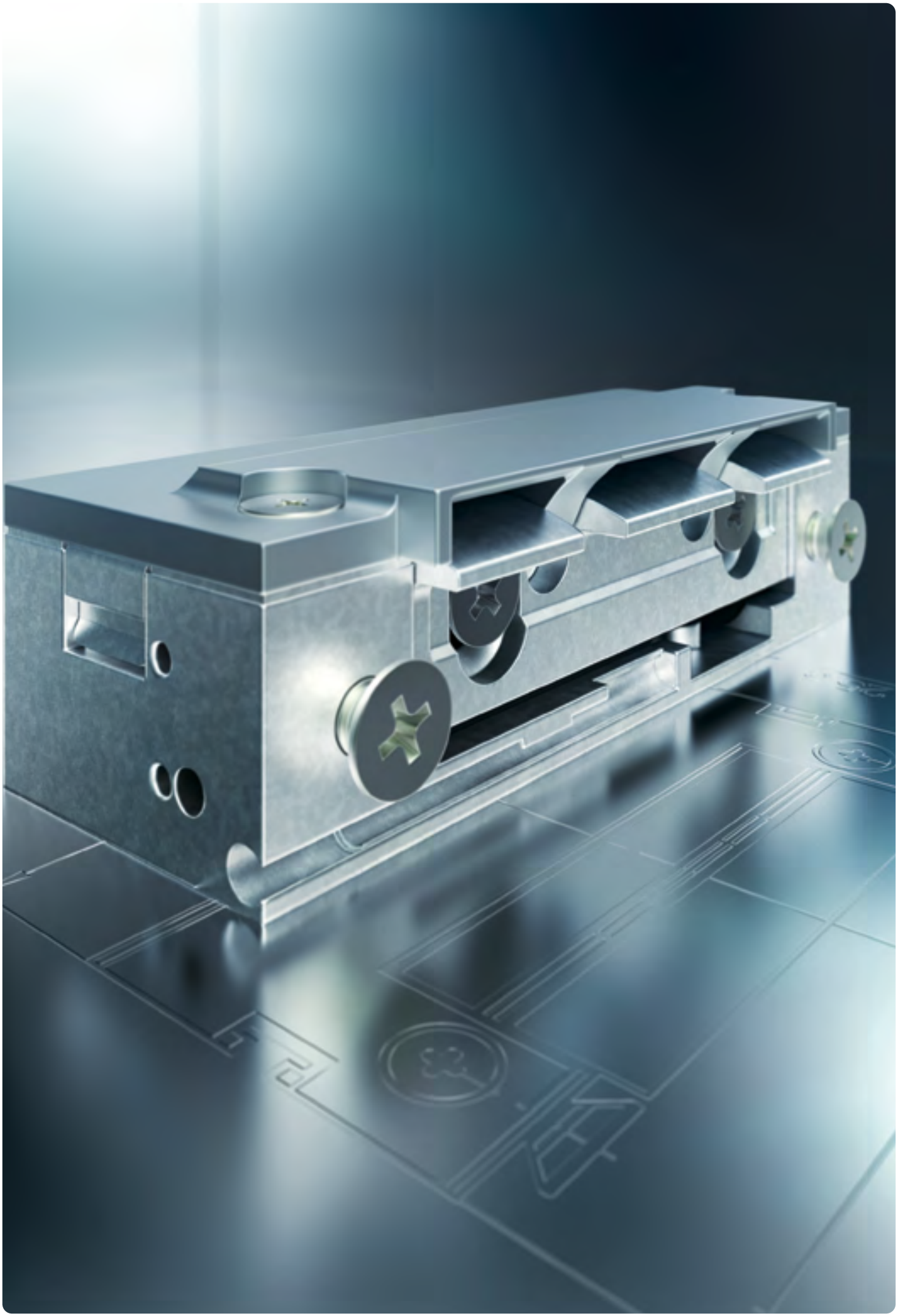


With an electric strike a door can be unlocked at the push of a button - without needing to go to the door yourself. effeff electric strikes provide optimum security and convenience. Our wide range will satisfy all demands and provides the appropriate strike for every installation location. We guarantee this around the world, because effeff complies with both national as well as international requirements and regulations.

Every building owner has their own personal ideas, every company has its own special requirements - and every door has its own special equipment. effeff offers you unique electric strike systems that can be designed and assembled exactly according to your individual requirements. From the model with mechanical unlocking to the model with bipolar protective diode for access control systems - we fulfil all requirements.

Standard electric strike models

	Model 118	Model 17	Model 19	Model 14
Fail-locked	118	17	19	14
Fail-unlocked	138	37	39	34
Hold-open function	128	27	29	24
Hold-open function without pin	148			
Universal DIN L / DIN R	x	x		
Fixed latch				
Fix				optional
FaFix®	x	x	x	optional
ProFix® / ProFix®2	optional			
E-lever	optional	optional	optional	optional
Strong latch bolt spring	optional	optional		
Weak latch bolt spring	optional	optional		
Offset drilled hole	optional			
For latch bolt slide	optional			
For magnet latch locks	optional			
Screw-in / Plug-in connection	optional			
Universal voltage	x			
Monitoring contact	optional	optional		optional
Armature contact	optional			
Diode	optional	optional	optional	optional
Surface-mounted housing	9338	8037		



Electric strikes in escape routes and on fire and smoke rated doors: protection of life and property



Doors along escape routes as well as smoke and fire rated doors are subject to particularly high requirements. The special doors are used in areas designed to protect human life. At the same time, the need to protect property must also be taken into account. Selecting the appropriate electric strike is important for smooth operation. effeff has the right electric strike for every application.

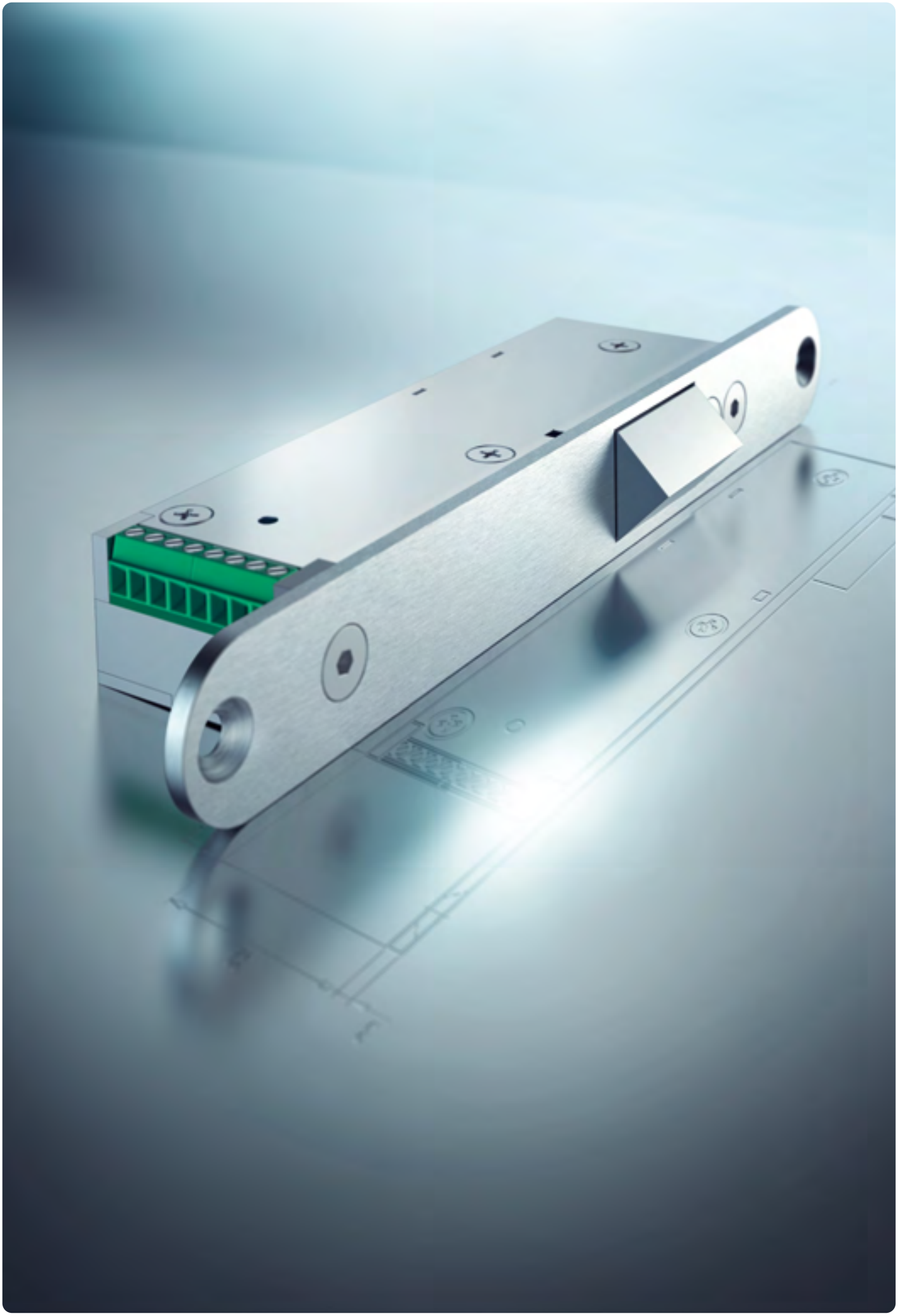
- Smoke rated doors
- Fire rated doors
- Security applications
- Escape doors
- Hazardous areas

The security electric strikes from effeff offer the user stable quality. Special model series have been developed for use under high pre-load and for supplementary locking systems on doors along escape routes.

Electric strike for fire and smoke rated doors and escape doors

	Fire protection model 118F	**Fire protection model 143**	**Fire protection model 142U**	**Fire protection model 131**
Fail-locked	x	x	x	x
Universal DIN L / DIN R	x	x		
Fixed latch		optional	optional	optional
Fix		optional	x	
FaFix®	x	x	x	
ProFix® / ProFix®2	optional	optional		
Screw-in / plug-in connection	optional	x		
Universal voltage	x	x	x	
Monitoring contact	optional	optional	optional	optional
Armature contact				optional
Diode	x	x	x	optional

	Smoke protection model 118S	**Escape doors model 31U**	**Escape doors model 332**	**Escape doors model 352M**
Fail-locked	x			
Fail-unlocked		x	x	x
Motorised				x
Universal DIN L / DIN R	x		x	x



Our wide range for all special requirements: regulatory requirements are met to the highest level



Electric strikes for glass doors, double acting swing doors and sliding doors as well as deadbolt locks, rim type strikes and other special applications can be found in our online catalogue.

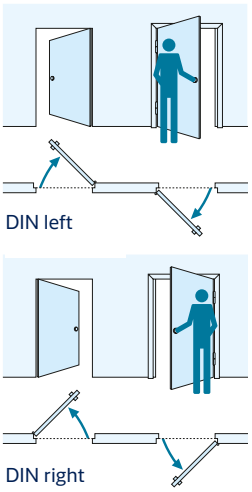
Special requirements must not be a problem: in the area of special and high-security strikes effeff impresses with sophisticated solutions. Even for special applications such as interlock controls, clean room doors and for outdoor use, effeff has the right product.
effeff offers a wide range of solutions for the diverse world of special doors - opening up entirely new possibilities.

Special applications

	Water-resistant model 118W	**For swing doors model 351**	**For sliding doors model 110 / 112**
Fail-locked	x		x
Fail-unlocked	138W	x	optional
Hold-open function	148W		optional
Motorised		351M.80	
Universal DIN L / DIN R	x		
FaFix®	x		
ProFix® / ProFix®2	optional		
E-lever	optional		
Universal voltage	x	351M.80	
Monitoring contact	optional	x	
Diode	x	x	optional
Water-resistant	x		x
	Security fail-unlocked model 138F	**Security fail-unlocked model 342U**	**Security fail-unlocked model 331U**
Fail-unlocked	x	x	x
Fixed latch			x
Fix	x	x	
FaFix®	x	x	optional
ProFix® / ProFix®2	optional		
Screw-in / Plug-in connection	optional		
Universal voltage		x	
Monitoring contact	optional	optional	optional
Diode	x	x	x
	Explosion hazard (ATEX) model EX118R	**Explosion hazard (ATEX) model EX118P**	
Fail-locked	x		
Fail-unlocked	EX138P		
Locked without pressure	118P	x	
Unlocked without pressure	138P		
FaFix®	x	x	
Monitoring contact	x		

The alphabet of electric strikes: from armature contact to universal voltage

DIN left / DIN right

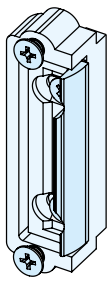


Armature contact
The armature contact is a switch/sensor built into the electric strike. This signals whether the electric strike is locked or unlocked.

Diode
To dissipate the high voltage that arises when the coils are switched off, we recommend electric strikes with diode. This prevents any other connected devices such as access control systems from being damaged.

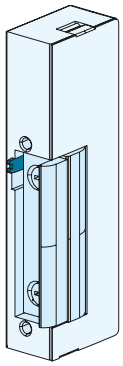
DIN left / DIN right
Look at the door from the side on which the hinges are visible. This is the side towards which the door is opened. The DIN direction of the electric strike or strike plate refers to the DIN table. For double-leaf doors the DIN direction of the active leaf is decisive.

Example dummy component



Dummy components
Strike plates for electric strikes can be fitted with FaFix® dummy components. In the event of changes in use, the dummy components can be replaced with electric strikes without having to change the strike plate.

E-lever

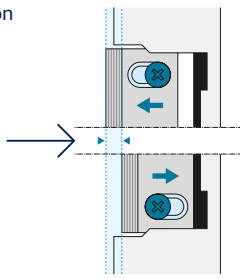


E-lever
The E-lever is a mechanical unlocking device. Electric strikes have this actuating lever in the latch area for mechanical permanent release of the keeper.

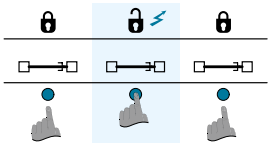
FaFix®
FaFix® electric strikes have an adjustable and fixable keeper and thus allow adjustment to the lock latch position. The door seal pressure may be increased or decreased. The advanced evolution of FaFix® electric strikes is ProFix® electric strikes.

FaFix® function

Adjusting range see screw-on attachments



Fail-locked



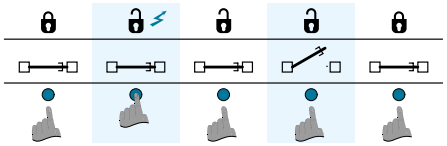
Fail-locked function

The door can be opened during contact. A buzzing sound is audible in alternating current operation, while no buzzing sound is heard in direct current 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 keeper can be moved and the door can be opened.

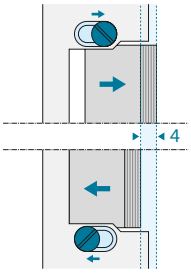
Hold-open function



Fix

The screw holes in the strike plate are milled oval. After installation, the electric strike casing can be adjusted horizontally by up to 4 mm, then aligned with the lock latch bolt and fixed in fastening grooves.

Fix



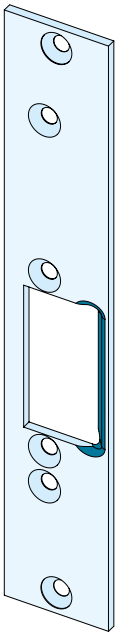
Fixed latch

The fixed latch is a keeper without adjustment option (without FaFix® function). Electric strikes with fixed latches generally have a greater latch engagement depth than electric strikes with FaFix® latches.

Hold-open function

The latch bolt controlled locking pin in the centre of the keeper keeps the electric strike unlocked until the door is opened, even after contact has been made.

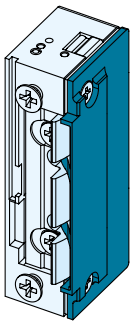
Latch bolt slide on the strike plate



Latch bolt slide

A latch bolt slide generally refers to a sliding surface with an incline along which a latch bolt slides and is pushed back to the strike plate surface during sliding. Latch bolt slides can be attached to the electric strike (ProFix®), to the strike plate or to separate adapters, for example.

Latch bolt slide on the electric strike (ProFix®)



Latch bolt spring (weak)
Weak latch bolt springs can reduce noise emission and the force required to open doors. Preferably used for doors equipped with door closer or swing door operator.

Latch bolt spring (strong)
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). The latch spring keeps the door closed when the door is in daytime unlocked mode.

ProFix®: Latch bolt slide integrated in electric strike

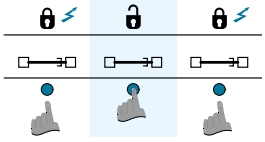


Monitoring contact (RR)
The monitoring contact is a switch installed in the electric strike, which is actuated by the latch bolt. The monitoring contact indicates whether the door is open or closed. This is useful for access control and monitoring of door opening time.

ProFix®
effeff's further development of FaFix®: ProFix® improves the overall appearance of the door. The seal layer between door leaf and frame is not interrupted. ProFix® electric strikes are available for all applications: Standard doors, fire and smoke rated doors, and escape doors.

Scew-on attachments
FaFix® electric strikes are equipped with screw-on attachments (latch holders). This allows adjustment of the door seal pressure.

Fail-unlocked



Universal voltage
The electric strike can be operated within a voltage range.
For example, 12 to 24 volts AC/DC.

Trusted security.
Long lifecycle and durability

From everyday access to extreme environments - we have the strike that fits. Production is DIN-certified, TÜV-audited, and fully aligned with European and international standards. effeff strikes are tested to resist up to **9,000 N of holding force**, depending on the model. All systems meet **EN 14846** and, where applicable, **VdS** certification. From office buildings to highsecurity areas, they provide verified protection and mechanical integrity.

Each strike is tested for **200,000 to 500,000 cycles** in our own test lab, ensuring years of dependable use. Features like **sealed contacts, corrosion-resistant materials, and integrated suppression diodes** provide exceptional performance even in harsh or high-frequency environments.







Make your access ready for what's ahead

Digital with confidence

© Images: All rights reserved by iStock and ASSA ABLOY.
We reserve the right to make technical modifications.
Version: AA_effeff_e-strikes_Sales-brochure_2026-06_IN

ASSA ABLOY Opening Solutions
Ecostar, 1104/1105
11th Floor
Vishweshwar Nagar
Goregaon
Mumbai
Maharashtra 400063

customer_enquiry.india@assaabloy.com
www.assaabloy.com

Experience a safer
and more open world

ASSA ABLOY