



ANSI Product Range.  
Our products, our competence.

  
**ASSA ABLOY**

ASSA ABLOY, the global leader in  
door opening solutions



About us

Whatever you want to secure, protect, maintain - effeff has the 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 ABLOY 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 electromechanical 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.



## The effeff ANSI product range



effeff - the world's largest electric strike manufacturer - provides all kinds of electromechanical locking devices for any application.

Starting from standard solutions up to high security installations and special needs like glass doors and special applications. Products from Grade 3 up to Grade 1 are designed to fit into the American market. Together with the wide range of accessories, effeff provides the complete package you need.

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## World Strike 77 Series Cylindrical Version

The market leading World Strike has just been improved, now we offer even more reasons to select the World Strike, we have added Vertical and Horizontal adjustment. Just 2 more great reasons to select the effeff World Strike.



### Features

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

### Optional

- Field selectable
- Monitoring
- Symmetrical

### Application Cylindrical

- Works with all major cylindrical locks

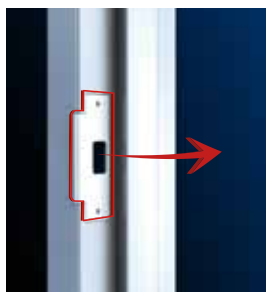
Quick and easy to install

### No cut out any more!

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

### STEP 1

Remove standard plate



### STEP 2

Install the World Strike.  
No cutting, no drilling.



### STEP 3

Done!

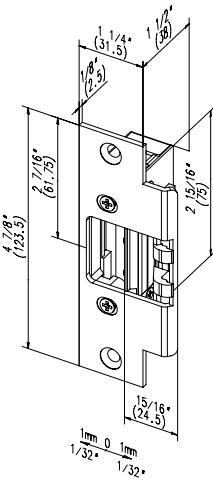


77V17 Series

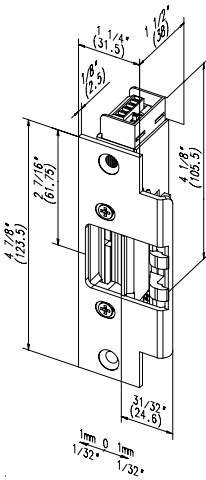
Function	Grade	Feature	Face Plate	Finish	Voltage	Amps
77V17 (fail secure)	3	-- (no monitoring)	27A (short)	35 (Stainless Steel)	E41 (12V DC; fail secure)	.27
		RR (with monitoring)			F41 (24V DC; fail secure)	.12
77V37 (fail safe)	3	-- (no monitoring)	27A (short)	35 (Stainless Steel)	E91 (12V DC; fail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

77V54U Series

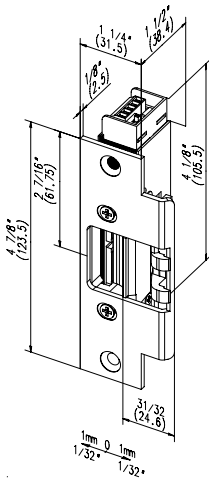
77V142 Series



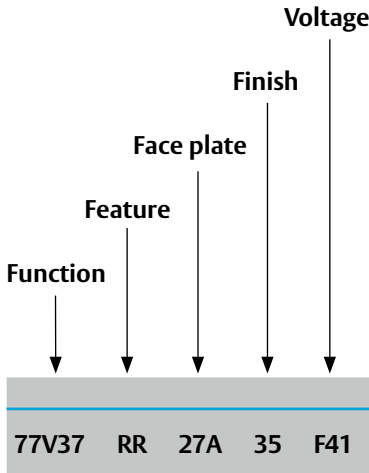
CE 77V17 Series  
Grade 3



CE 77V54U  
Grade 1



CE 77V142  
Grade 1



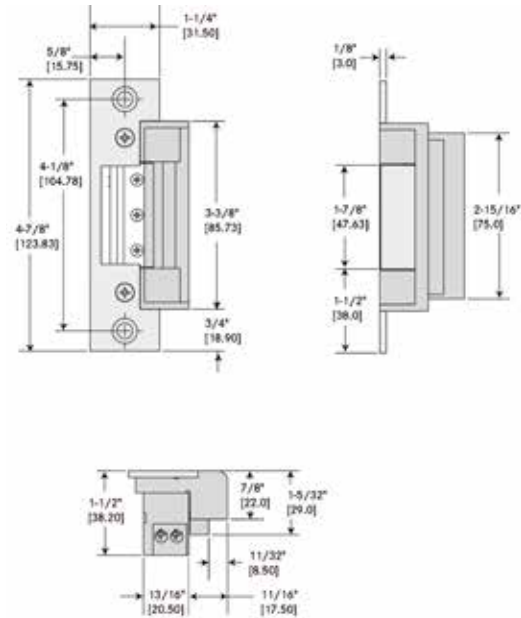
i.E.  
You need 77V37 series, fail safe,  
monitored and 24V DC.

# Model 76-17

## UL 1034 Grade 3



6 Face Plate Options (page 14-15)



### Models 76-17, 76-37, 76-17RR, 76-37RR

Designed with an adjustable keeper to simplify the installation. The latch cavity accommodates cylindrical locksets with a 1/2" to 5/8" throw (5/8" requires 1/8" door gap) in metal, wood or aluminum frames.

### Features

- BHMA Grade 3
- UL 1034 Burglary Resistant
- 1,000 lbs. Static strength
- 33 ft-lbs. Dynamic strength
- Endurance rating 500,000 UL-tested, 1,000,000 factory tested
- Strike depth – 1-1/2"
- Adjustable keeper
- Fail secure or fail safe
- Fully reversible for right or left-hand doors
- Continuous duty operation (DC)
- Specify AC or DC
- Latch monitoring (optional)
- Mounting Kit
- 5 years limited warranty
- Six faceplate options

### Applications

- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care Institutions
- Office Complexes

Order number	Fail secure	Fail safe	Latch Monitoring	8-16 V AC/DC	12V DC	24V DC	striking plates
76-17-----R11	•			•			page 14-15
76-17-----E41	•				•		page 14-15
76-17-----F41	•					•	page 14-15
76-17RR-----R11	•		•	•			page 14-15
76-17RR-----E41	•		•		•		page 14-15
76-17RR-----F41	•		•			•	page 14-15
76-37-----E91		•			•		page 14-15
76-37-----F91		•				•	page 14-15
76-37RR-----E91		•	•		•		page 14-15
76-37RR-----F91		•	•			•	page 14-15

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
R1 8-16V (8V)	310	360
R1 8-16V (16V)	620	730
E4 12V		270
F4 24V		120
E9 12V fail safe		235
F9 24V fail safe		150

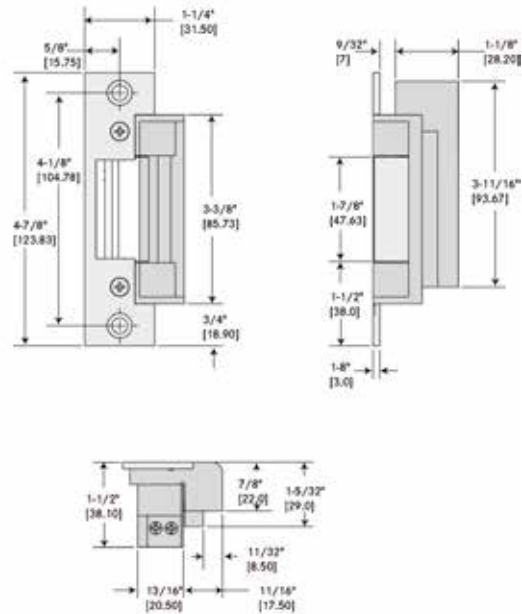
Please note: Striking plate is required!

# Model 76-14

## UL 1034 Grade 2



6 Face Plate Options (page 14-15)



### Models 76-14, 76-34

Designed for medium-duty applications. Deep latch cavity accommodates cylindrical locksets with a 5/8" to 3/4" throw (3/4" requires 1/8" door gap) in hollow metal frames. Use with Narrowline Aluminum Locks, Cylindrical Locks, Centerline Mortise Locks, Centerline Mortise Exit Devices

### Features

- BHMA Grade 2
- UL 1034 Burglary Resistant
- 1,500 lbs. Static strength
- 50 ft-lbs. Dynamic strength
- Endurance rating 500,000 UL-tested, 1,000,000 factory tested
- Strike depth – 1-1/2"
- Fail secure or fail safe
- Fully reversible for right or left-hand doors
- Continuous duty operation (DC)
- Mounting Kit
- 5 years limited warranty
- Six faceplate options

### Applications

- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care Institutions
- Office Complexes

Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC	striking plates
76-14-----R11	•			•			page 14-15
76-14-----E31	•				•		page 14-15
76-14-----F31	•					•	page 14-15
76-34-----E91		•			•		page 14-15
76-34-----F91		•				•	page 14-15

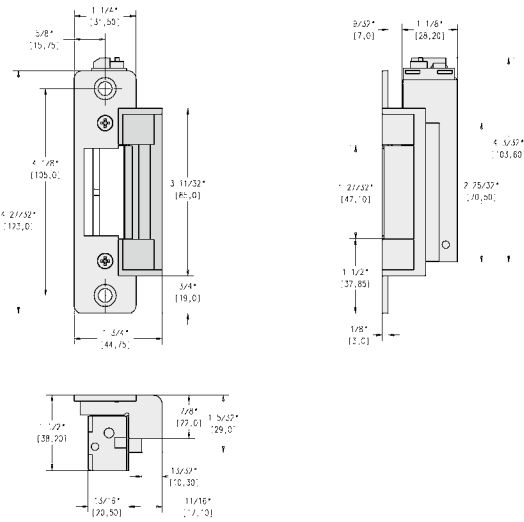
Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
R1 8-16V (8V)	350	485
R1 8-16V (16V)	700	970
E3 12V	125	200
F3 24V	70	102
E9 12V fail safe		195
F9 24V fail safe		105

Please note: Striking plate is required!

Model 76-54U  
UL 1034 Grade 1



6 Face Plate Options (page 14-15)



Voltage switch

Model 76-54U “PENTA”

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

Features

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

Applications

- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care Institutions
- Office Complexes

Order number	Fail secure	Fail safe	Latch Monitoring	8-16 V AC/DC	12V DC	24V DC	striking plates
76-54U0-----Q31	•	•			•	•	page 14-15
76-54UR-----Q31	•	•	•		•	•	page 14-15

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

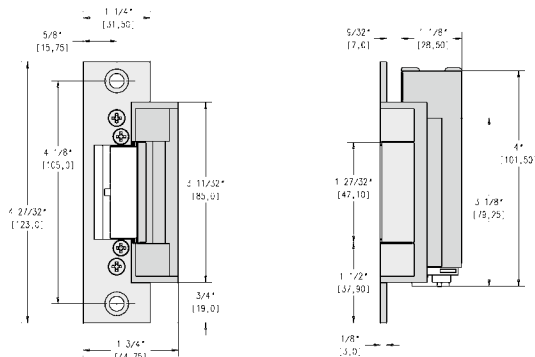
Please note: Striking plate is required!

# Model 76-142U

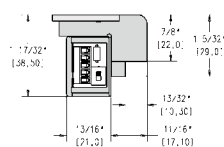
## UL 1034 Grade 1



6 Face Plate Options (page 14-15)



Voltage switch



### Model 76-142U (fire-rated)

### Model 76-342U

Electric strike designed for use in heavy-duty applications. Accommodates cylindrical locksets with a 5/8" to 3/4" throw (3/4" requires 1/8" door gap) in aluminum, wood or metal frames. Use with Centerline Mortise Exit Devices, Cylindrical or Centerline Mortise Locks.

### Features

- BHMA Grade 1
- UL 1034 Burglary Resistant
  - 1,500 lbs. Static strength
  - 70 ft-lbs. Dynamic strength
- Endurance rating 500,000 UL-tested, 1,500,000 factory tested
- UL 10C and Warnock Hersey (90 min.) only fail secure version
- Dual voltage 12/24 VAC or VDC
- Integrated supressor diode
- Heavy duty construction
- Strike depth – 1-1/2"
- Fail secure or fail safe
- Fully reversible for right or left-hand doors
- Continuous duty operation (DC)
- Latch monitoring (optional)
- Mounting Kit
- 5 years limited warranty
- Six faceplate options

### Applications

- Fire rated doors
- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care
- Office Complexes

Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC	UL 10 C fire rated	striking plates
76142UF----Q34	•				•	•	•	page 14-15
76142UR----Q34	•		•		•	•	•	page 14-15
76342UF----Q94		•			•	•		page 14-15

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
Q3 12V	130	210
Q3 24V	70	105
Q9 12V		210
Q9 24V		105

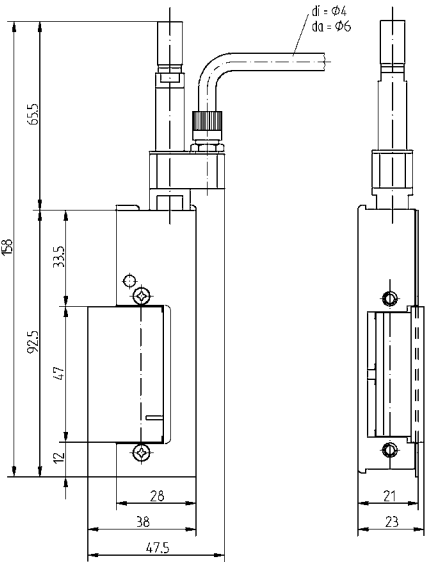
Please note: Striking plate is required!

# Model 76-142 P

## UL 1034 Grade 1



6 Face Plate Options (page 14-15)



### Model 76-142P (fire rated) Model 76-342P

Electric strike designed for use in heavy-duty in potential explosive environments applications. Accommodates cylindrical locksets with a 5/8" to 3/4" throw (3/4" requires 1/8" door gap) in aluminum, wood or metal frames. Use with Centerline Mortise Exit Devices, Cylindrical or Centerline Mortise Locks

#### Features

- BHMA Grade 1
- UL 1034 Burglary Resistant
- UL 10C and Warnock Hersey (90 min.) only fail secure version
- 1,500 lbs. Static strength
- 70 ft-lbs. Dynamic strength
- Heavy duty construction
- Endurance rating 500,000 UL-tested, 1,500,000 factory tested
- Strike depth - 1-1/2"
- Fail secure or fail safe
- Fully reversible for right or left-hand doors
- Mounting Kit
- 5 years limited warranty
- Six faceplate options

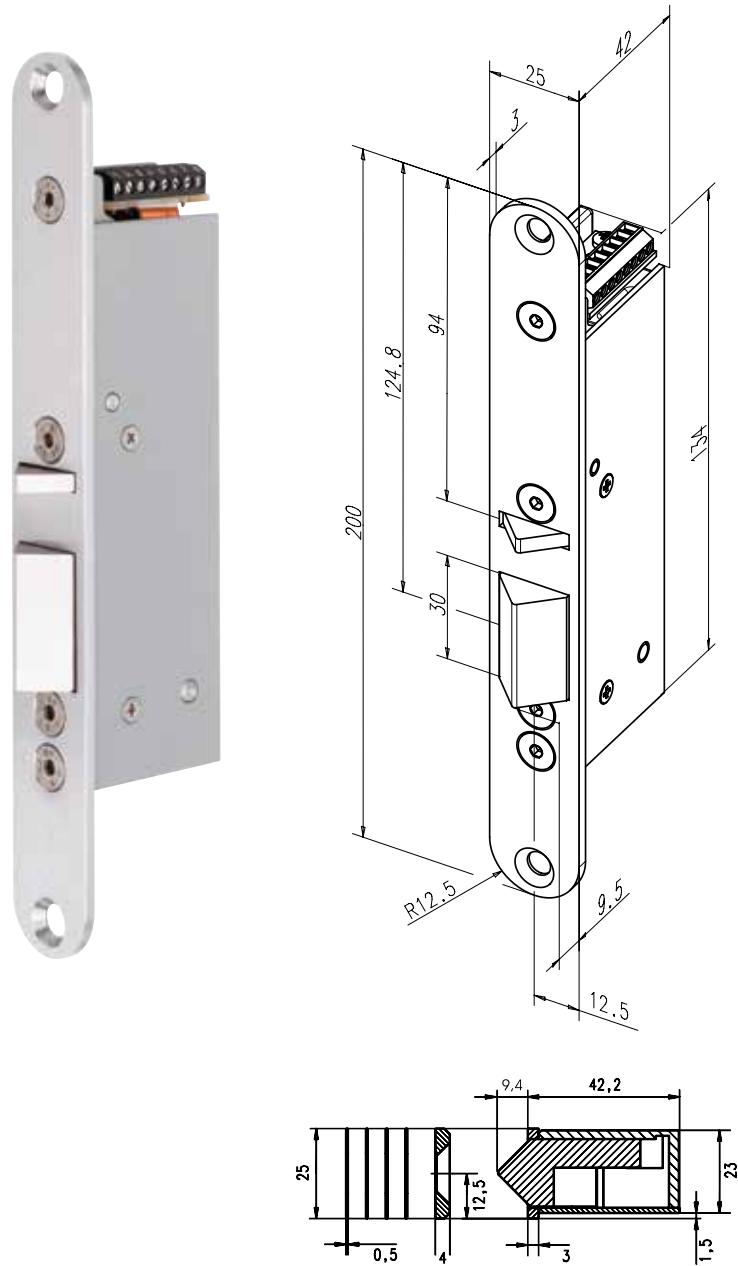
#### Applications

- Fire rated doors
- Explosive areas
- Commercial Centers
- Industrial Buildings
- Educational Facilities
- Retail Outlets
- Health Care
- Office Complexes

Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC	UL 10 C fire rated	striking plates
76-142P-----01	•			air	air	air	•	page 14-15
76-342P-----01		•		air	air	air		page 14-15

Please note: Striking plate is required!

Model 351U80  
UL 1034 Grade 2



Model 351U80

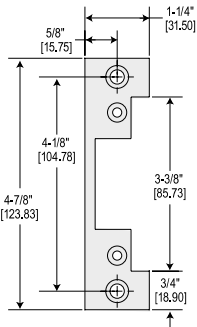
Features

- The locking prism is held in the locking position by means of spring power. When closing the door, the prism latches into the striking plate.
- Application of current to the stroke arrests the prism and the door is locked.
- In models with integrated door contact, activation of the locking function can be restricted to the “Door shut” status, controlled via the door contact.
- The integrated armature contact (25V/I A) can be used for electronic monitoring of the locking status.
- System requirement: Swing door closer with adjustable closing power and closing speed for reliable positioning of the door leaf in the ready-to-lock status.
- Keep pre-load max.: 1.100 lbs
- Break-in resistance: 1.100 lbs
- Mounting distance between face plate and striking plate 3 mm (min. 2 mm, max. 4.5 mm)
- 5 years limited warranty
- 4 Adhesive spacers

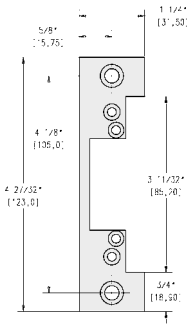
Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
351U80-58135E91		•	•		•	
351U80-58135F91		•	•			•

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
E9 12V fail safe		320
F9 24V fail safe		160

Striking Plates



876

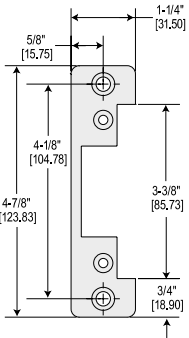


473

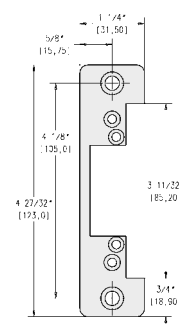
Face plates 876, 473

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

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



877



474

Face plates 877, 474

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

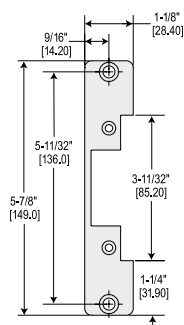
For use with cylindrical locksets in aluminum frames with radius corners and a flat face plate.

Plate order number	76-17 76-37	76-14 76-34	76-54	76-142 76-142P	76-342 76-342P
-----87635-01	•	•	•		•
-----87735-01	•	•	•		•
-----87835-01	•	•	•		•
-----87935-01	•	•	•		•
-----88035-01	•	•	•		•
-----88235-01	•	•	•		•
-----47335-01				•	
-----47435-01				•	
-----47535-01				•	
-----47635-01				•	
-----47735-01				•	
-----48135-01				•	

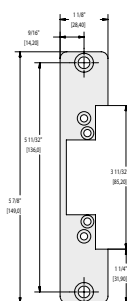
Finishes

- Satin Stainless Steel (Standard) others on request.

## Striking Plates



**878**

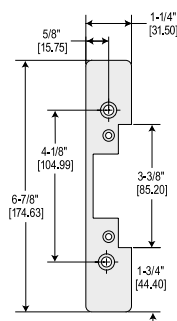


**475**

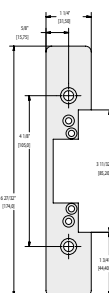
### Face plates 878, 475

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

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



**879**

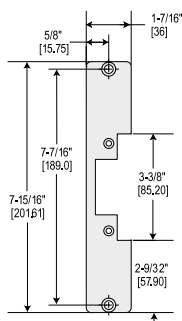


**476**

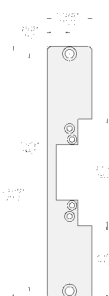
### Face plates 879, 476

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

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



**880**

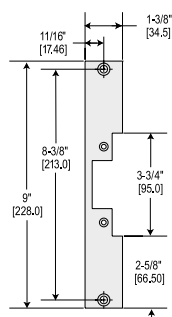


**477**

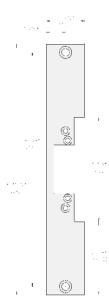
### Face plates 880, 477

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

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



**882**



**481**

### Face plates 882, 481

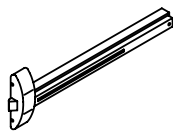
(Dimensions: 9" x 1-3/8")

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

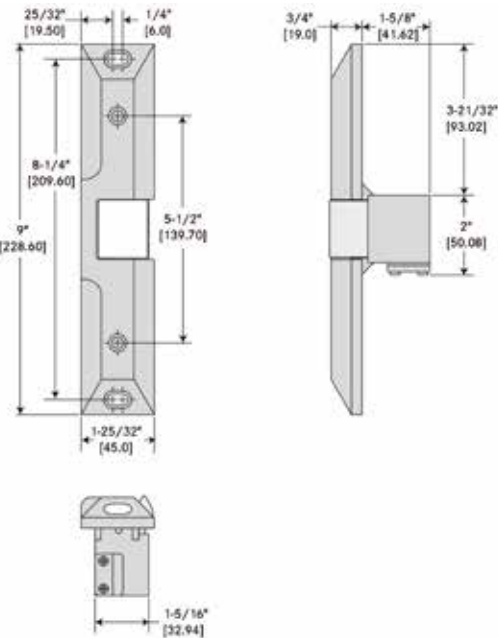
### Finishes

- Satin Stainless Steel
- (Standard) others on request.

Model 76-45  
UL 1034 Grade 2



Type of lock released



Model 76-45

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

Features

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

Finishes

- grey
- others on request

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

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

Model 15 CA, 15 BS, 11BS

Model 15CA, 15BS, 11BS

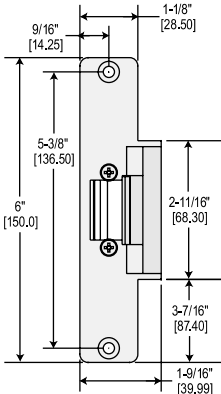
Ideal for light-duty applications with cylindrical locksets with a 1/2" to 5/8" throw (5/8" requires 1/8" door gap) in metal, wood or aluminum frames.

Features

- For use with offset and cylindrical locksets
- Fail secure or fail safe
- Continuous duty operation (DC)
- Fully reversible for right or left-hand doors
- 5 years limited warranty
- Latch monitoring (optional)

Model 15CA

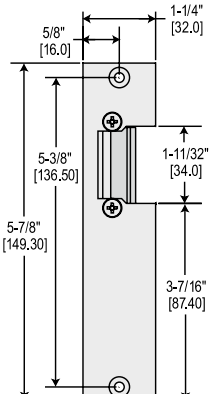
(Face plate dimensions:  
5-7/8" x 1-1/4")  
Finish: grey



Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
15AV---37829E31	•				•	
15AV---37829F31	•					•
15RRV--37829E31	•		•		•	
15RRV--37829F31	•		•			•
35AV---37829E91		•			•	
35AV---37829F91		•				•
35RRV--37829E91		•	•		•	
35RRV--37829F91		•	•			•

Model 15BS

(Face plate dimensions:  
5-7/8" x 1-1/4")  
Finish: zinc plated



Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
15.23--08940R11	•			•		
15.23--08940E31	•				•	
15.23--08940F31	•					•

Model 11BS

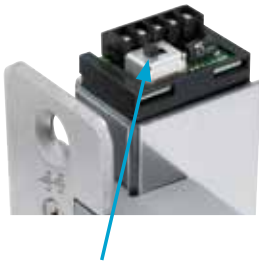
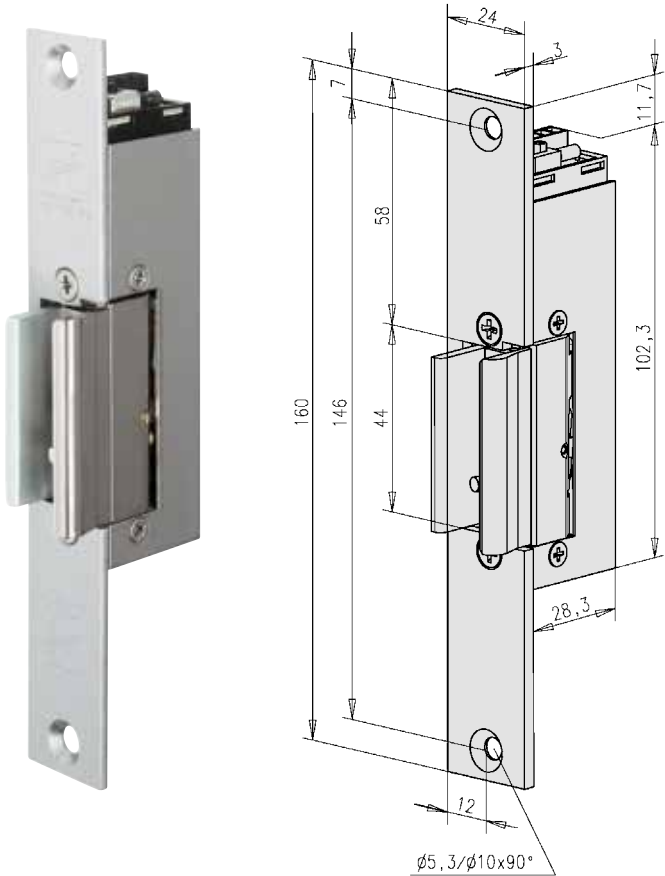
(Face plate dimensions:  
3-1/2" x 1-3/8")  
Finish: zinc plated



Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
11.611-08540R11	•			•		
11.611-08540E31	•				•	
11.611-08540F31	•					•

# Model 914 U, 934 U

## For Glass Doors



Voltage switch

### Model 914U, 934U

For Tempered Glass Doors with Wood, Aluminum, or Metal Frames.  
Glass thickness adjustable 3/8"–1/2"  
No prep required for glass

#### Features

- Fail secure or fail safe
- Continuous duty operation (DC)
- 5 years limited warranty
- Latch monitoring (optional)
- Dual voltage 12/24 VAC or DAC
- Integrated surpressor diode
- Use on single or pairs (requires two locks) of glass doors with frames around the opening Nonhanded.
- The glass doors strikes awaits in the open position to encapsulate the door upon closure. The built-in shockabsorbing function of the glass door strike ensures a gentle closing and locking action.
- Fully reversible for right or left-hand doors

Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
914U-0940335Q31	•				•	•
914UR0940335Q31	•		•		•	•
934U-0940335Q91		•			•	•
934UR0940335Q91		•	•		•	•

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
Q3 12V	130	210
Q3 24V	70	105
Q9 12V fail safe		210
Q9 24V fail safe		105

# Model 9314, 9334

## For Full Glass Doors

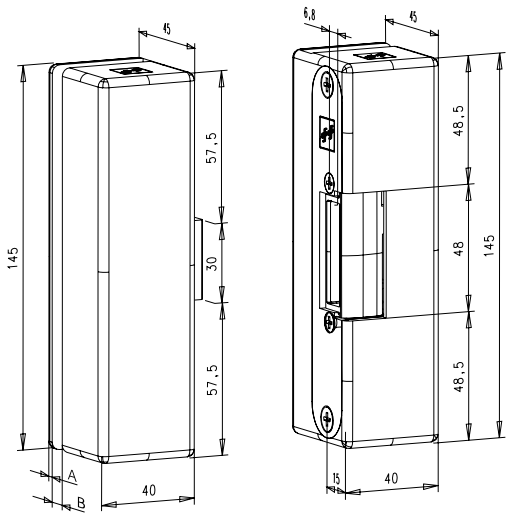


### Model 9314VGL, 9334VGL

For Tempered Glass Doors without frames  
Glass thickness 1/2" (others on request)  
No prep required for glass doors  
(slotted housing adheres to glass surface)

#### Features

- Fail secure or fail safe
- Continuous duty operation (DC)  
Extruded aluminum housing  
Adhesive glue included  
Use on single or pairs (requires two locks)  
of glass doors with glass side or transom panels
- Fully reversible for right or left-hand doors  
The Cushion-Lok awaits in the open position to encapsulate the door upon closure. The built-in shock-absorbing function of the Cushion-Lok ensures a gentle closing and locking action.
- 5 years limited warranty
- Minimum door gap 6 mm



Order number	Fail secure	Fail safe	Monitoring	8-16 V AC/DC	12V DC	24V DC
9314VGL12---E31	•				•	
9314VGL12---F31	•					•
9334VGL12---E91		•			•	
9334VGL12---E91		•				•

Electrical Specifications:	Current on AC (mA)	Current on DC (mA)
E3 12V	125	200
F3 24V	70	102
E9 12V fail safe		195
F9 24V fail safe		105

## Electric Bolts

### Cabinet Locks

#### Privacy has priority!

It is quite simple to protect cabinets and drawers (especially in the office) against unauthorized access to your files or valuables. For securely locking furniture (wood), effeff has specially developed the cabinet locks 1048.10 and 1049.10.

They are versatile, compact and have high operating comfort. Cabinet locks can be used instead of the standard mechanical locks or additionally as electrical access control.

The cabinet lock is versatile and can be installed either at the side or front, regardless of whether it is used for drawers or doors.

A potential-free change-over contact that has a variety of uses is also available:

It shows, for example, the opening state of the door or it can be used for evaluation purposes. It can also be used for additional switching functions so that, e.g. when the door is opened, the lighting is simultaneously switched on.

The cabinet lock can be locked simply by a key switch, or if locking requires electronic control, recording and monitoring, the cabinet lock can also be combined with a code or card reading system.

The version with the monitoring contact has an additional potential-free change-over contact that monitors the opening state of the door.

#### Areas of application:

- File and document cabinets
- Built-in cabinets
- Medicine or chemical cabinets
- Drawers
- Flaps on mail receiving facilities, interlocks, postal distribution systems
- Lockers
- Display cases
- Post boxes

#### Model 1048.10

Fail secure, "spring-open", dual voltage 12/24 VAC or VDC

Order No.  
**1048.10-----Q11**

#### Model 1048.10RR

With monitoring contact, fail secure, "spring-open", dual voltage 12/24 VAC or VDC

Order No.  
**1048.10RR---Q11**

#### Model 1049.10

Field selectable fail secure/fail safe, dual voltage 12/24 VAC or VDC

Order No.  
**1049.10-----Q31**

#### Model 1049.10RR

With monitoring contact, field selectable fail secure/fail safe, dual voltage 12/24 VAC or VDC

Order No.  
**1049.10RR---Q31**



Model 1048.10

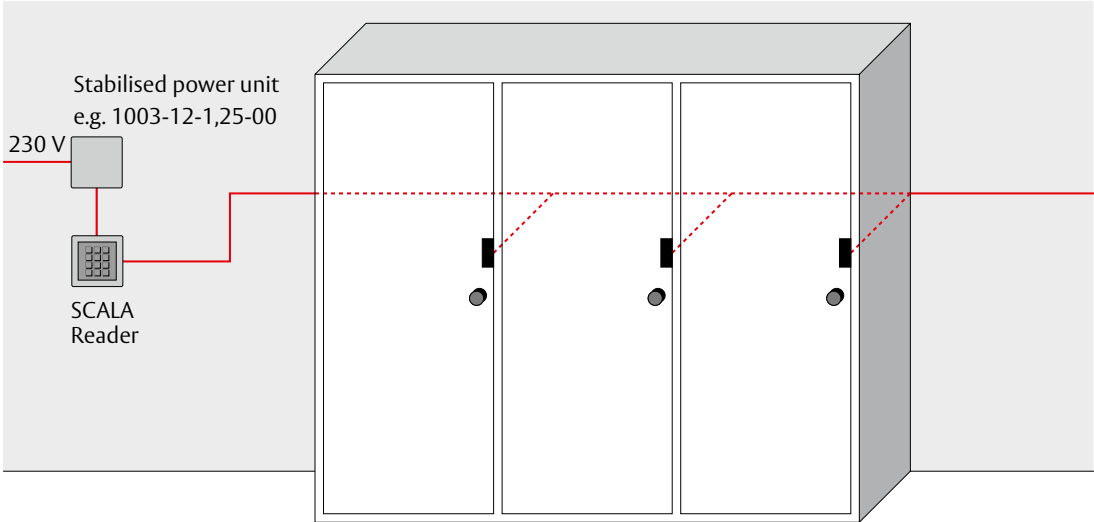


Model 1049.10

# Electric Bolts

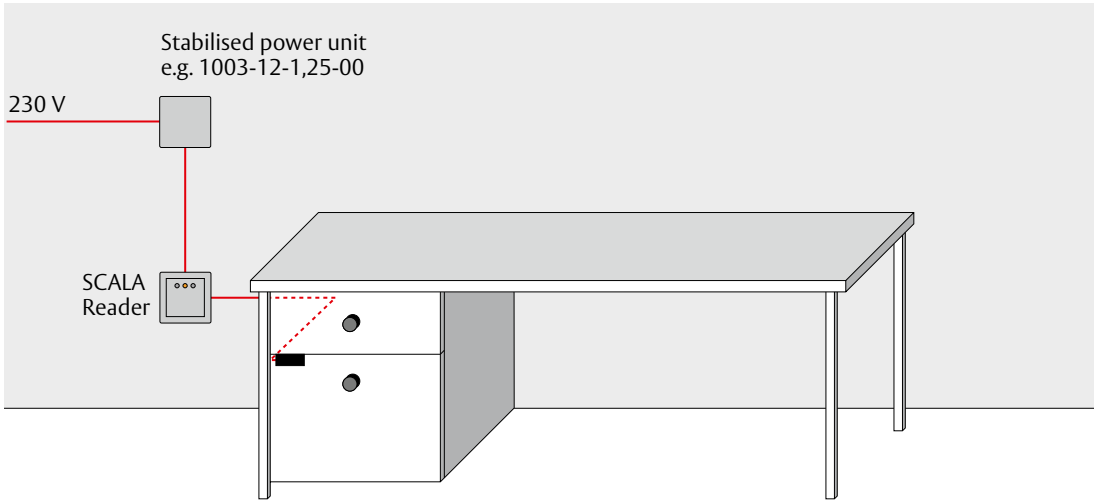
## Cabinet Locks

**Central opening**  
Opens all doors simultaneously via numerical code and **Model 1049.10\***



\* The max. number of locking units depends on the contact capacity of the access control system.  
Please note the technical data of the cabinet lock and access control system.

**Single opening**  
e.g. contactless opening of your document cabinet via card or key fob and **Model 1049.10**



Technical data Model 1048.10	
Optional monitoring contact (RR)	Contact rating 25V / 1A
Dimensions L x W x H in mm (w/o rosette)	48 x 42 x 20
Resistance against pressure/ tensile strength	1000 N (approx. 100 kp)
Protection class as per DIN 40050	IP 20
Operating mode	Fail secure, "pop-open"
Rated operating voltage ± 10%	12 V DC 900 mA
	12 V AC 500 mA
	24 V DC 450 mA
	24 V AC 230 mA
Operating temperature range	-20 °C to + 60 °C

Technical data Model 1049.10	
Optional monitoring contact (RR)	Contact rating 25V / 1A
Dimensions L x W x H in mm (w/o rosette)	48 x 42 x 20
Resistance against pressure/ tensile strength	1000 N (approx. 100 kp)
Protection class as per DIN 40050	IP 20
Operating mode	Fail safe/secure, switchable
Rated operating voltage ± 10%	12 V DC stabilised 260 mA
	12 V AC 140 mA
	24 V DC stabilised 130 mA
	24 V AC 70 mA
Operating temperature range	+10 °C to + 40 °C

## Exit Buttons / Power Transmitters

## Exit push buttons

Order No.

1010-----00



Surface-mounted  
button white,  
with key symbol  
Dimensions:  
W 61 x H 61 x D 22 mm

Order No.

1011-----00



Flush-mounted  
button white,  
with key symbol  
Dimensions:  
W 81 x H 81 x D 55 mm

Current transmitter for two-leaf doors  
or windows (Figs. 1 + 2)  
Model 10305 / Model 10306

Functionally reliable current transmission from the door frame to the door leaf. Door contacts are recessed into the frame and into the door leaf. When the door is closed, the spring-mounted contacts touch and create the electrical connection to the strike. Contact pins in nickel-plated brass.

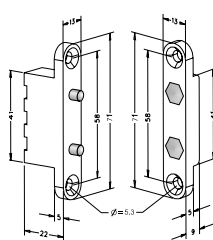


Fig. 1

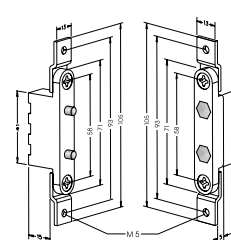


Fig. 2

Designation	Max. voltage	Max. current	ON/breake duration	Fig.	Order number
Current transmitter 2-pin	24 V	1.5 A	max. 10 sec / 40 sec	1	10305-----00
Current transmitter 2-pin with plates	24 V	1.5 A	max. 10 sec / 40 sec	2	10305LA-----00
Current transmitter 3-pin	24 V	1.5 A	max. 10 sec / 40 sec	1	10306-----00
Current transmitter 3-pin with plates	24 V	1.5 A	max. 10 sec / 40 sec	2	10306LA-----00

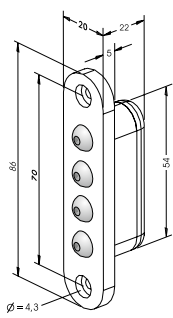
External dimensions of model series 10306 correspond to those of model 10305. The distance between each of the contact blocks is **max. 5 mm**

# Accessories

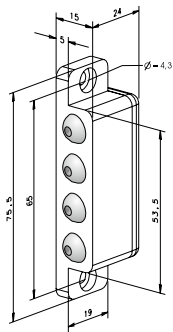
## Power Transmitters



Model 10259



Model 10262



### Tappet contacts

#### Model 10259 / Model 10262

The tappet contact is particularly suitable for special requirements in which a cable has to be laid between rigidly fixed and moving parts. The ball-formation design of the contacts permits smooth running in both the vertical and the horizontal direction while ensuring maximum contact reliability.

The contact pins are hard gold-plated (corrosion free) and spring-borne, ensuring reliable contacting even where low current or voltage levels are involved, for example when used in electronic systems. This model series is available in a recessed or screw-on version depending on the requirements.

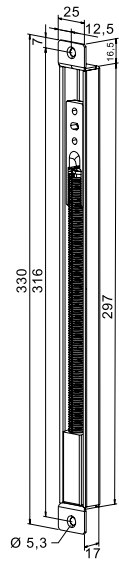
**Special note:**  
The distance between each of the contact blocks should be no more than 5 mm.

Specifications	Max. voltage	Max. current	ON duration	Order number
Mortise contact 4-pin	24 V AC/DC	0.5 A	100% duty cycle	10259-----00
Mortise contact 4-pin with plates	24 V AC/DC	0.5 A	100% duty cycle	10259LA-----00
Surface contact 4-pin	24 V AC/DC	0.5 A	100% duty cycle	10262-----00

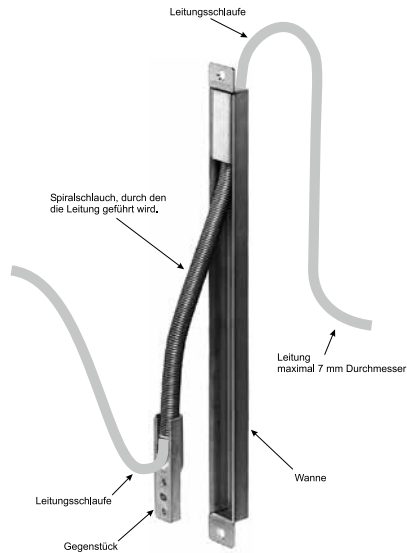
The distance between each of the contact blocks is **max. 5 mm**

# Accessories

## Power Transmitters



Model 10312-10



Model 10318



### Cable connectors for concealed mounting

#### Model 10312

The concealed cable connector is a reliable, safe way of guiding supply cables from the door frame to the door leaf. The concealed mounting method in the door rebate ensures that the supply line is not accessible when the door is closed and so safe against attempted sabotage. As the supply line is guided through a metal spiral conduit, damage due to kinking or crushing is excluded.

#### Characteristics:

- Housing and spiral conduit in rust-proof stainless steel
- Suitable for cables of up to 7 mm in diameter
- Suitable for mounting in wood, plastic or metal doors
- Extendible spiral conduit to bridge a maximum length of 110 mm
- Reliable cable guidance
- Sabotage-proof when the door is closed

#### Order No.

10312-10-----00

### Cable connector for exposed mounting

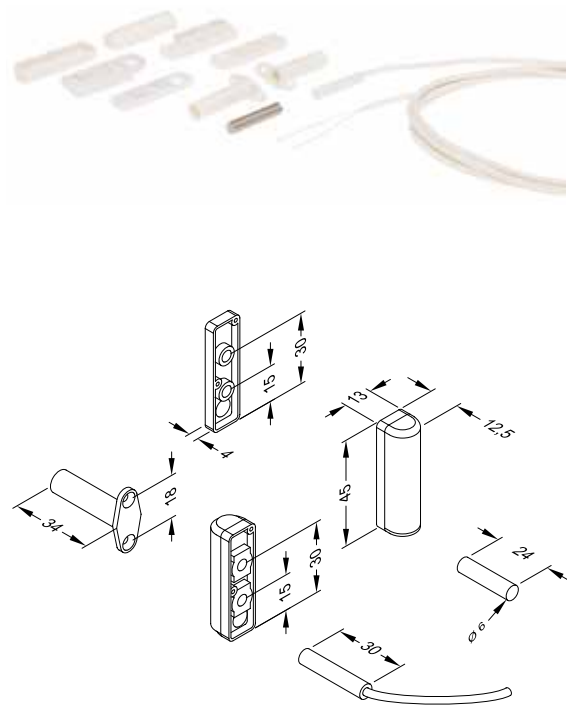
#### Model 10318

For direct current transmission from the door frame to the door leaf. Non-rusting flexible metal conduit. Fixing caps for mounting on the door frame and door leaf.

Designation for cable connectors	Length (inch)	for cable dia. (mm)	Order number
Nickel-plated brass	7	7	10318-----00
Nickel-plated brass	12	7	10318-30-----00
Nickel-plated brass	16	7	10318-40-----00
Nickel-plated brass	23	7	10318-60-----00
Nickel-plated brass	31	7	10318-80-----00
White plastic-coated	12	6	10318W-----00
Brown plastic-coated	12	6	10318B-----00

# Accessories

## Door Contacts / Mounting Kit



### Magnetic contacts (reed contacts)

Reed contacts are fused into a glass tube and so proof against the effects of both dust and water. A reed contact is actuated on a no-contact basis by a permanent magnet. The reed contact is recessed or mounted in a door frame, and its magnet is mounted on or recessed into the door. If the door is closed, the magnet acts on the contact (contact closed). However, if the door is opened beyond the relevant switching distance, the contact is interrupted (contact open).

Order No.  
**10380A-6-----00**

Order number	10380A-6-----00
Max. contact rating	200 V DC / 500 mA / 10W
Contact resistance	0,15
Contact type	Closer
Switching interval	15 mm
VdS class	Class A
VdS approval	G104729
Class of protection	IP 67
Length connecting cable	6 m
Number of wires	2-wire
Mounting	Set-round reed contact
Colour	grey white
Material housing	plastic
Operating temperature from	0 °C to +40 °C

# Cross-Reference-List

## Electric Strike Cross Reference Chart

effeff		Trimec	RCI	Adams Rite	Von Duprin	HES	Trine	Folger Adams
76-45	Panic device	ES260	0161	71R1	6112	7083	EN800	310-4
76-70 931 76-71 931	Mortise lock latch 3/4"		2114	7904	6210	1006K		652 Cyl
76-70 932 76-71 932			2124LH 2324LH			1006KD 1006KM	EN435	652RFL
76-70 933 76-71 933			2124RH 2324RH			1006KD 1006KM	EN435	652RFL
76-70 934 76-71 934			2134LH 2334LH				EN430	652SYL
76-70 935 76-71 935			2134RH 2334RH				EN430	652SYL
76-70 942 76-71 942			2119 2319					
76-131 76-331	Mortise lock latch 3/4"				6214 6215	7500	EN960	310-2
76-142 76-342	Cylindrical lock 5/8" (3/4")	ES200 ES2000	F41xx H43xx	7240	6211	4500	EN400	712 722 732
76-14 76-34	Cylindrical lock 5/8" (3/4")		41xx 43xx	73xx	5100	5000		110
76-17 76-37	Cylindrical lock 1/2" to 5/8"		71xx 73xx			5200	2007 2012 2678	
76-54	Cylindrical lock 5/8" (3/4")	ES300		71xx	5100	5200		20x
11BS 15BS 15CA		ES110	11BS 15BS 15CA				005 001 014	

Customer-Nr.:

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

[illegible]

Urgent orders can also be placed via email.

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

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

## Our products – quality, know-how and innovation



### Electric strikes

With electric strikes, you can unlock a door at the push of a button – without needing to go to the actual door yourself.

effeff electric strikes offer high standards of security and convenience and a suitable electric strike for every installation location. This we can guarantee worldwide as effeff takes into consideration both national and international rules and regulations.

effeff wins over with its certified and security electric strikes due to its sophisticated solutions for smoke pro-

tection doors, fire protection doors and doors along escape routes. Our wide range for high security areas provides solutions for glass doors, sliding doors and clean room doors as well as for explosive areas or seal door systems.

- Standard electric strikes
- Smoke and fire protection electric strikes
- Escape door electric strikes
- Special electric strikes
- Accessories



### MEDIATOR®

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

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

This innovative system ensures doors always lock automatically as soon as they close due to the self-locking escape door lock and an effeff linear electric strike. Doors can also be opened for visitors from inside apartments using the electric strike.

MEDIATOR® can do much more than this, however. It also ensures doors can be opened from the inside at any time using the door handle, even when doors are locked. This means everyone can leave the building in the event of an emergency, whether they have a key or not. Apartment block entrance doors can be retrofitted with MEDIATOR® quickly and easily at a very reasonable price.



### Security locks

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

- Mechanical security locks
- Microswitch security locks
- Motorized security locks
- Electric security locks
- Multipoint security locks
- Accessories



### Access control systems

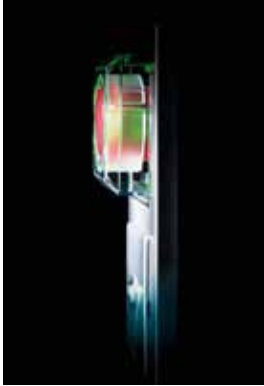
Whether the main or side entrance, strongroom, development department or laboratory, there are certain areas in buildings which need to be locked at all times.

Access control systems regulate access to protected areas, limiting entrance to authorised groups of people without needlessly disrupting their day-to-day business. A straightforward solution for greater security, effeff access control systems protect and control buildings, individual rooms or other security-relevant areas.

We supply a comprehensive range of different technologies, devices and systems, which can be tailored to meet respective specific security needs.

effeff access control systems meet our clients’ individual requirements and are used in private and public buildings, the health sector, leisure facilities, industrial facilities and production plants.

- Access control door fittings
- Access control systems



## Escape route technology

effeff's escape route systems fully comply with requirements for uncompromising personal safety and maximum protection for property.

You can depend on effeff's expertise and reliability in emergency situations. Our escape route systems guarantee safe operation of escape route doors, even though under normal circumstances doors may have integrated automatic locking systems or can only be opened by authorised users. Safer use of escape routes is assured at all times in the event of an emergency.

effeff electric escape door control systems provide protection and safety in places such as department stores, schools, kindergartens, office buildings, airports and exhibition halls.

We also supply ideal solutions for specific uses such as restricted areas in hospitals.

- Escape door locking systems
- Escape door monitoring



## Electric bolt

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

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

- Door dead bolts
- High-security dead bolts
- Motorised dead bolts
- Cabinet locks



## Electric holding magnets

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

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

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

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



## Arrester systems

Whether the main or side entrance, strongroom, development department or laboratory, there are certain areas in buildings which need to be locked at all times.

Access control systems regulate access to protected areas, limiting entrance to authorised groups of people without needlessly disrupting their day-to-day business.

A straightforward solution for greater security, effeff access control systems protect and control buildings, individual rooms or other security-relevant areas.

We supply a comprehensive range of different technologies,

devices and systems, which can be tailored to meet respective specific security needs.

effeff access control systems meet our clients' individual requirements and are used in private and public buildings, the health sector, leisure facilities, industrial facilities and production plants.

- Access control door fittings
- Access control systems

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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ASSA ABLOY is the global  
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dedicated to satisfying  
end-user needs for security,  
safety and convenience



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ASSA ABLOY  
Sicherheitstechnik GmbH  
Bildstockstrasse 20  
72458 Albstadt  
GERMANY  
Phone +49 7431 123-0  
Fax +49 7431 123-240  
[info@assaabloy.de](mailto:info@assaabloy.de)  
[www.assaabloy.de](http://www.assaabloy.de)

Alarm Controls Corporation  
19 Brandywine Drive  
PO Box 280  
Deer Park, NY 11729  
USA  
Phone +1 631-586- 4220  
Fax +1 631-586-6500  
[ffsales@alarmcontrols.com](mailto:ffsales@alarmcontrols.com)  
[www.alarmcontrols.com](http://www.alarmcontrols.com)