



Door Locks

As we know that no two projects are the same, we want to ensure that ZKTeco meets the requirements for each client through a perfect solution tailored to your needs. We offer a wide range of locks suitable for all kinds of materials such as aluminum, wood, metal or glass.

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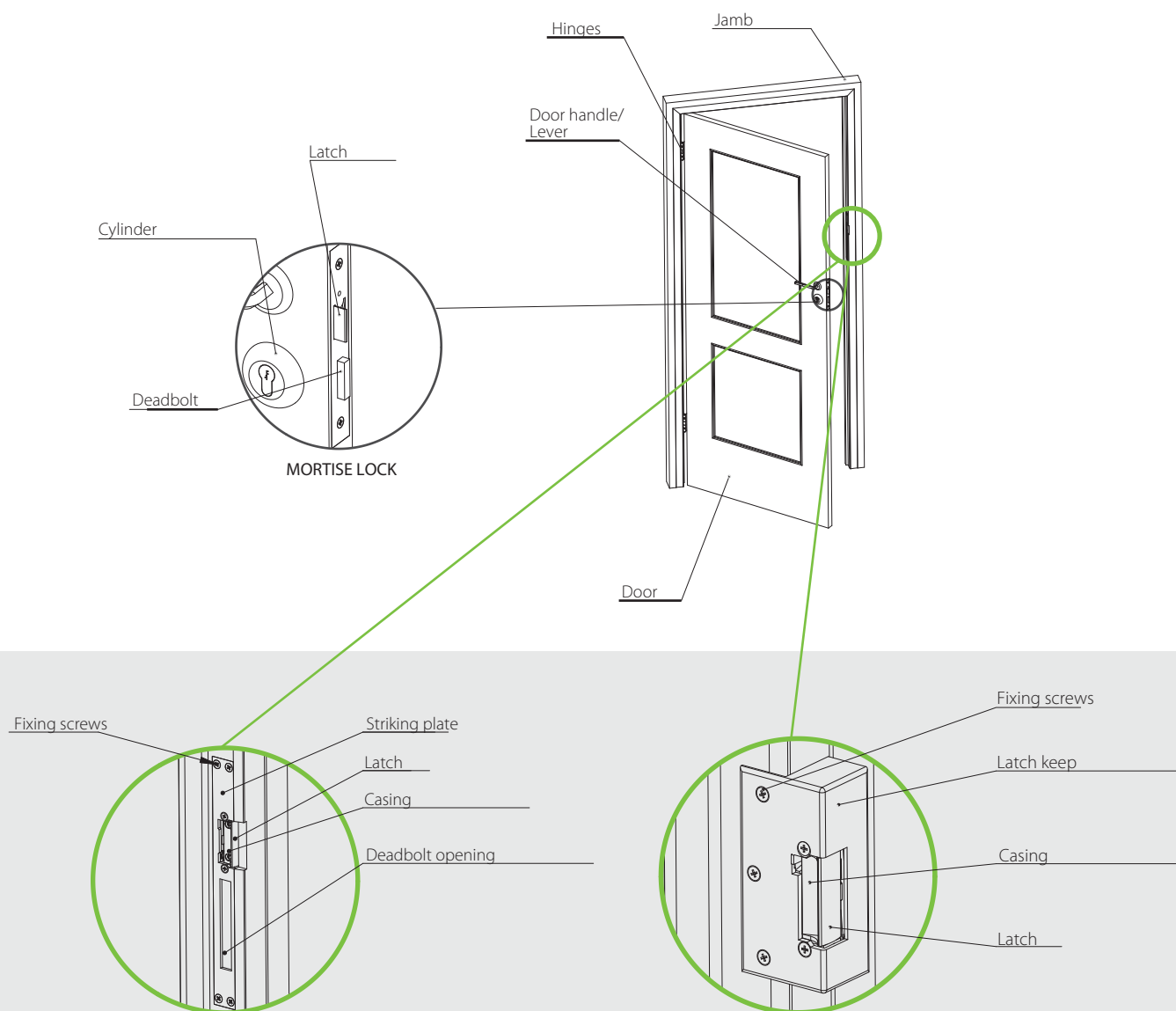
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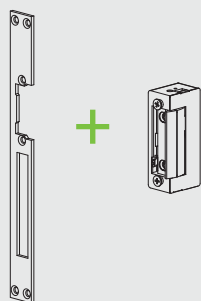
What is an Electric Strike Mechanism?

An electric strike mechanism is an electro-mechanical device which is generally installed in the door jamb and allows for remote opening using a low voltage electrical current.

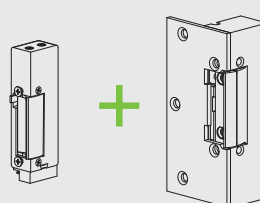


Mortise type lock

Latch type lock



A mortise lock is installed inside the door and door jamb and comprises a Lock Casing and a Striking plate / Mortise.



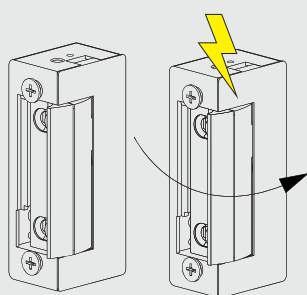
A latch lock is surface mounted to the door or door jamb and is used when the installation does not permit a mortise lock. A latch lock is comprised of a Lock Casing and a Latch Keep.

Operational modes

ZKTECO has a wide range of Electric Strikes with different functions and characteristics which allow our products to be applied to any type of installation. We have Electric Strikes for almost all applications: wood, aluminium, steel, iron, glass, heavy doors, fireproof doors... Our Electric Strikes work in three standard modes: **Normal**, **Automatic** and **Automatic Timed**, along with the variants and different versions which are derived from them. Other, specific, Electric Strikes for professional use with special functions are also available.

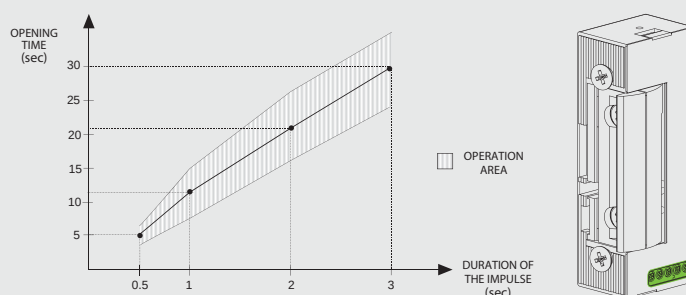
Normal Mode (NO)

Normal mode is blocked when "resting" (i.e. No current is applied). This ensures the door remains locked until an electrical impulse is received and opens the mechanism.



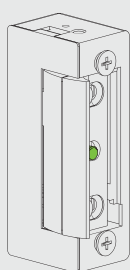
Automatic Timed Mode (At)

Automatic Timed mode is opened for a specific time. When the Electric Strike receives an electrical impulse the Electric Strike opens for a time which is proportional to the duration of the impulse (between 5 and 30 seconds), the mechanism will then return to the blocked, closed, state.

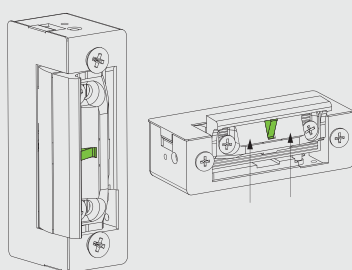


Automatic Mode (A, Ab, Aa)

Automatic mode allows for the Electric Strike to be opened upon receiving an electrical impulse although not necessarily immediately. This mode can open the mechanism from the moment the impulse is received until the door is opened and closed again. Our products allow for several automatic modes depending on the construction of the Electric Strike.



Automatic mode (A) keeps the Strike open until an access has been made – this function is possible thanks to a latch position tripper on the front of the mechanism which is activated by the electrical impulse.

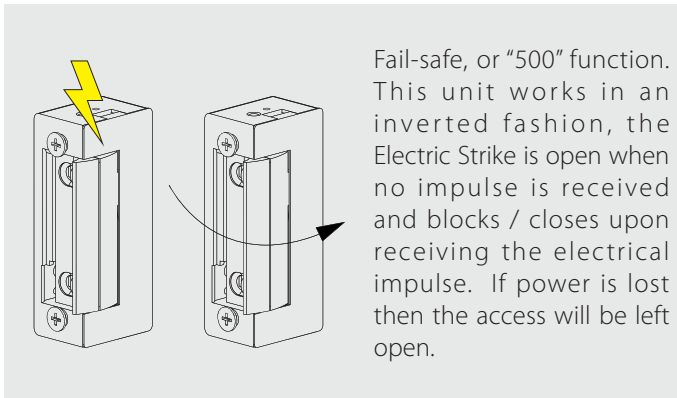


Sliding Automatic mode (Ab) is a new function integrated in our newer range of Strikes. The standard Automatic position tripper is substituted with a traveling tripper which moves along with a sliding latch and permits this to adjust efficiently to the striking plate.

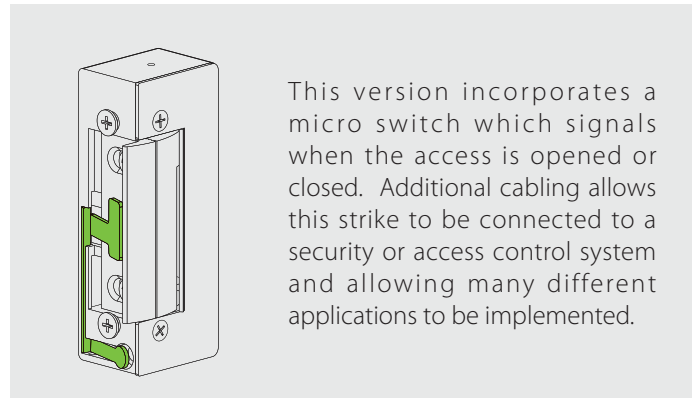


Invisible Automatic mode (Aa) implements the automatic mode internally, without any additional external moving parts. A brief pulsation period is recommended for correct operation of this version.

Inverted (NC)



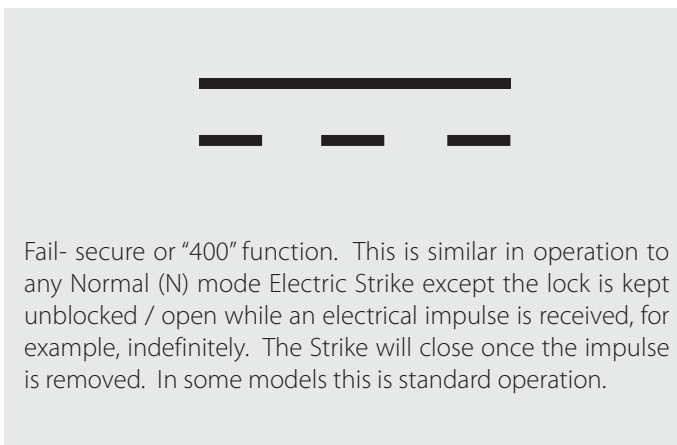
Switched (S)



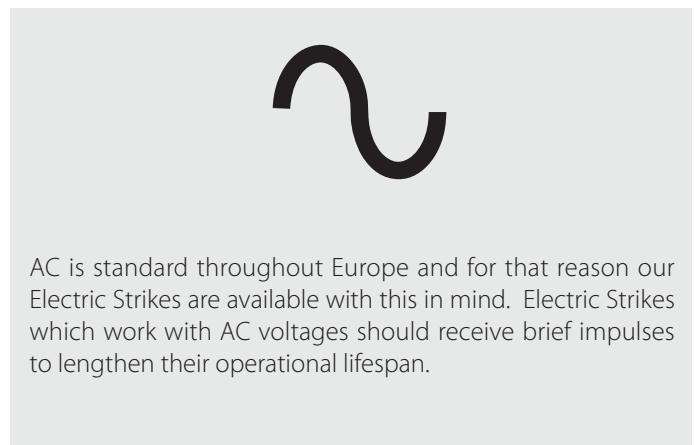
Available electrical options

In addition to the different modes and mechanical options offered, the majority of ZKTECO's Electric Strikes are also available with variants which depend on the type of voltage used.

Direct Current (DC)



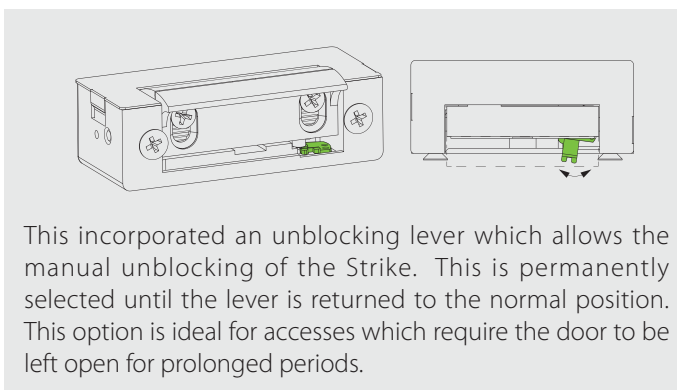
Alternating Current (AC)



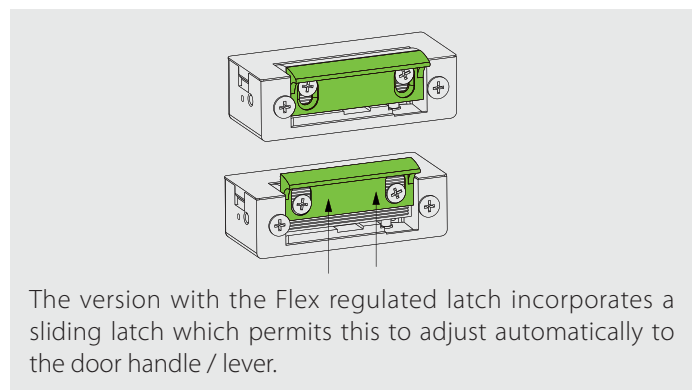
Additional mechanical characteristics

ZKTECO offer our customers a series of additional mechanical functions which are intended to complement the other existing functions. These are Unblocking and Adjustable.

Unblocking (U)

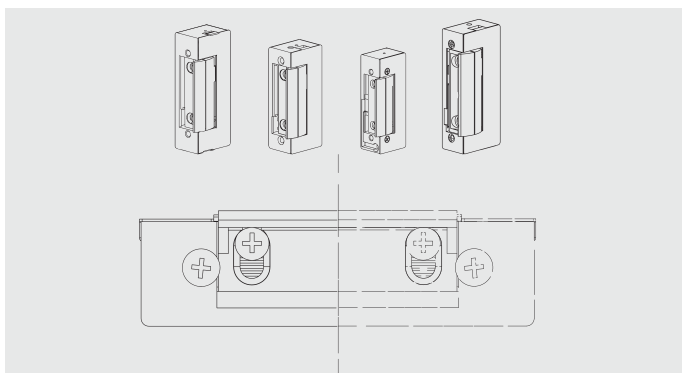


Adjustable (F)

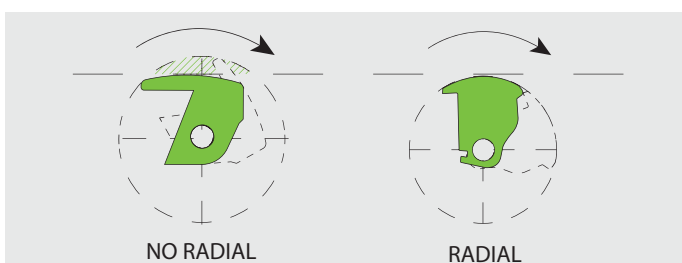


Reversibility, symmetry and radial latches

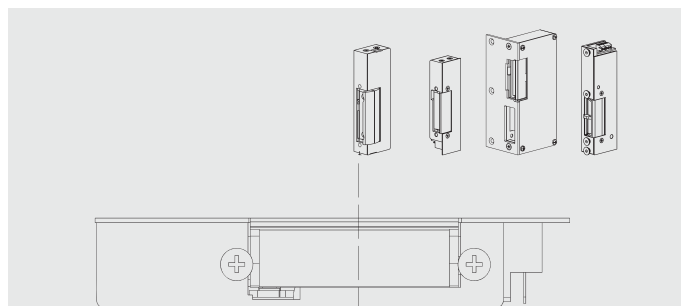
Within the Electric Strike classifications we can distinguish between different models which are symmetrical, reversible or radial.



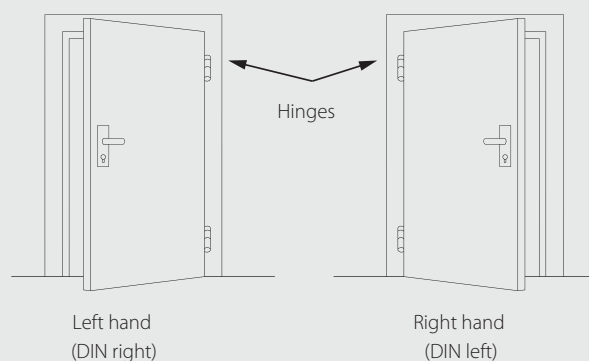
A **symmetrical** Electric Strike can be used in left handed or right handed installations. All symmetrical Strikes are also reversible.



The **radial** system incorporates a latch which rotates on its own axis and in this way reduces the perimeter of movement (see shaded area in diagram). The installation of this type of Electric Strike is easier to adjust and gives better visual results as it allows for a much narrower gap between the door and the jamb.



How to determine the side of the door



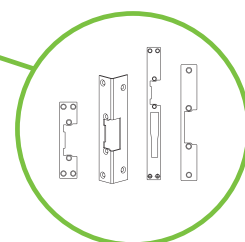
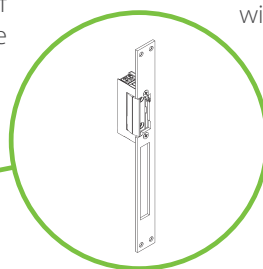
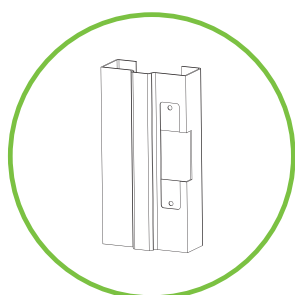
Non symmetrical Strikes can be **reversible** or non-reversible. For non-reversible models it should be specified if the door will be right handed or left handed as there are variants for both. This diagram helps you identify if your door is right or left handed.

Different components of an embedded door strike installation

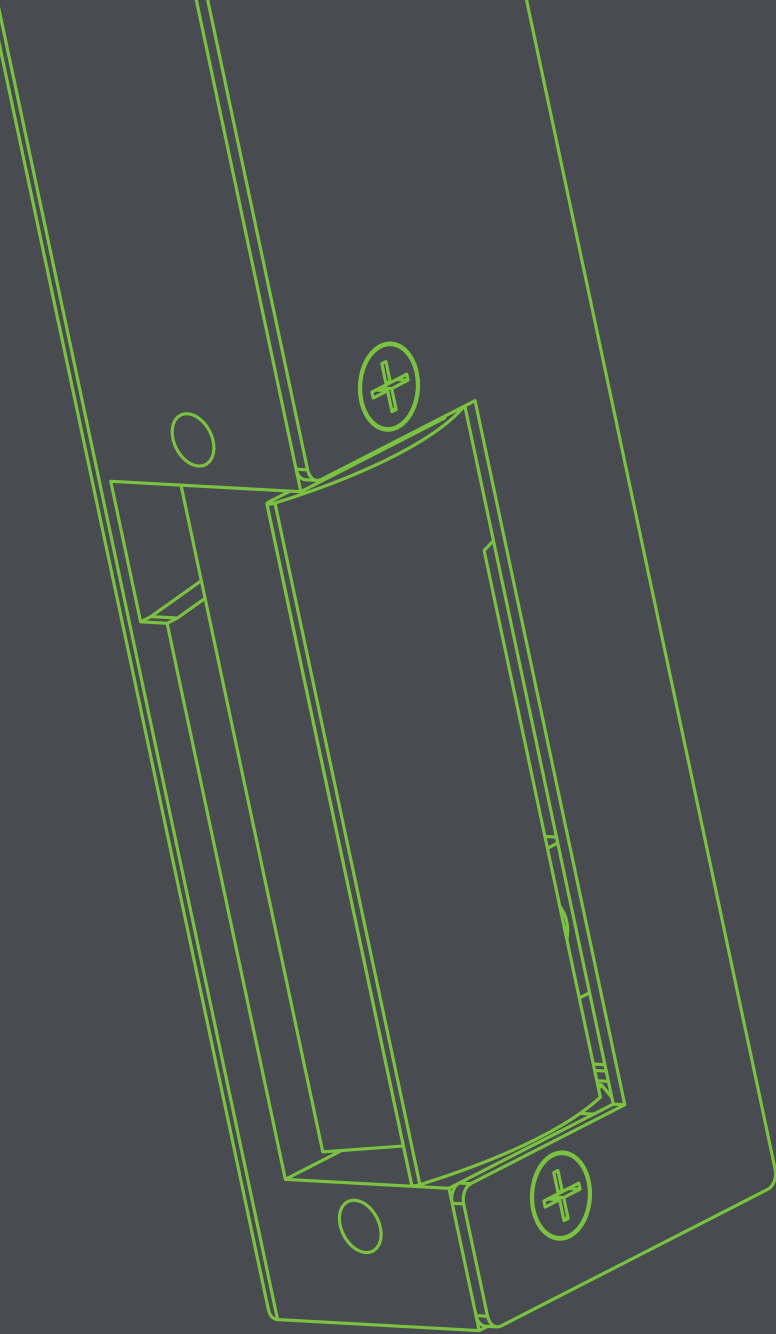
If you are an end-user or an installer who wishes to install our Electric Strikes all our products have been designed with ease of installation in mind, simple operation while maintaining maximum levels of security and reliability.

The first step to install one of our products is to make a notch in the door jamb with sufficient dimensions to house the mechanism of the Electric Strike. A longer notch will be required to ensure that the mortise is recessed flat with the door edge.

Electric Strike ready to be installed with the mortise mounted.



In ZKTECO we have a wide range of mortises in different finishes available for many profiles and different types of installation. Choose one which is best for your installation and mount it to the casing of your Electric Strike.





DOOR LOCKS

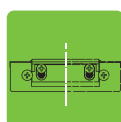
45/44 Series

Symmetric electric lock

The 45 Series is noted for being symmetrical and reversible.

The 44 Series, besides being symmetrical and reversible like the Series 45, and with the exact same dimensions, is distinctive in that the latch rotates radially.

- Symmetrical
- Reversible
- Radial latch (Series 44)

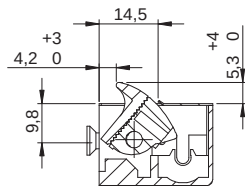
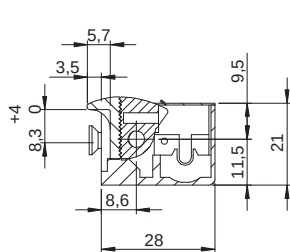
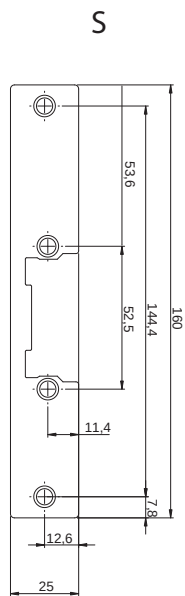
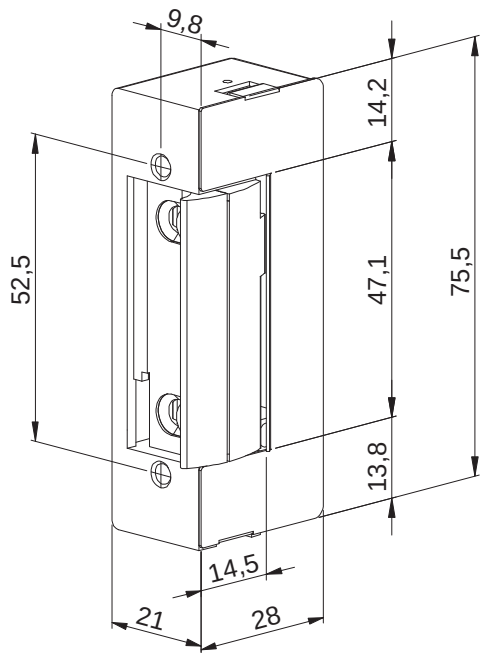


Technical Features

Serie 45					Serie 44				
Height	75,5 mm								
Width	21 mm								
Depth	28 mm								
Adjustable Jaw Range	4 mm				+1-1 mm				
Suits Latches With Maximum Throw Of	5,7 mm				5,1 mm				
Endurance Cycles Test In-plant	300.000								
Holding Force	3.250 N / 330 kg-f				3.450 N / 350 kg-f				
Operating Temperature Range	-15 °C to +40 °C								
Diode Or Varistor	Optional								
	6-12 V	8-12 V	24 V	12 VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)		
Rated Resistance (Ω)	8	17	58	30	45	132	60	230	
AC Current Consumption (mA)	600 (6V) 1200 (12V)	370 (8V) 560 (12V)	330						
Stabilized DC Current Consumption (mA)	750 (6V) 1500 (12V)	470 (8V) 700 (12V)		400 vDC contr.ated	260 vDC contr.ated	180 vDC contr.ated	200 vDC contr.ated	120 vDC contr.ated	
Continuously Operating Voltage Range In VDC (V)			-	11-12	11-12	23-24	11-12	23-24	
Max. Latch Preload AC (N)	Serie 45 400 (12V)	-	-	-	-	-	-	-	
	Serie 44 300 (12V)								

Casing

Recommended striking plate



- Grey painted finish
- Stainless steel

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
4502	✓							✓	✓	V AC
4503		✓							✓	V AC
4504		✓						✓	✓	V AC
4507	✓								✓	12V DC
4513						✓			✓	12V DC
4537				✓					✓	12V DC

* By regulating screws in latch

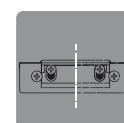
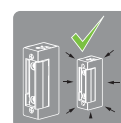
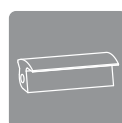
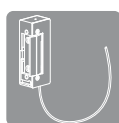
Must write 44xx instead of 45xx for 44 Series

Series 50

Reinforced electric lock

The 50 Series is characterized by its robustness, making it an ideal solution for high traffic or heavy doors. The latch steel guarantees fracture resistance of up to 800 kg. Symmetrical and reversible, the Series 50 locks are ideal for security installations.

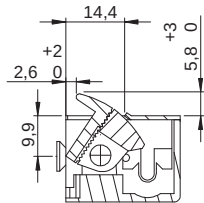
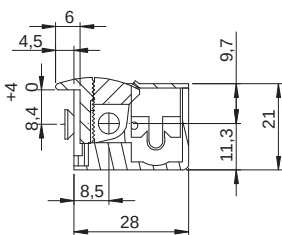
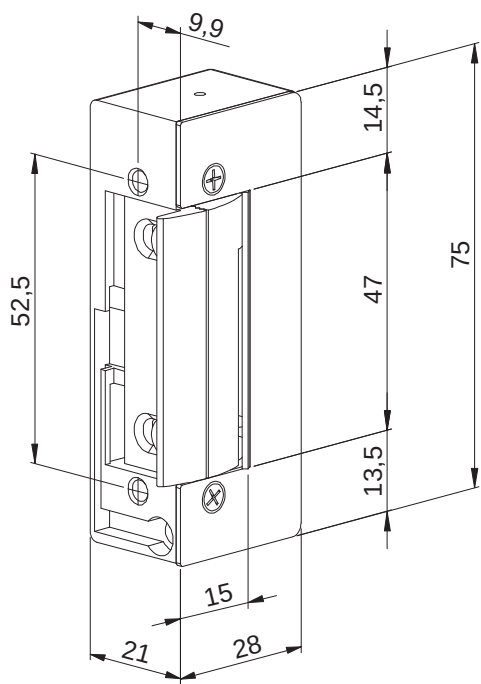
Available in adjustable and monoblock version, installation is facilitated by a long cable outlet. In the switch version the microswitch is located inside the monoblock; so that the lock does not lose symmetry.



- Fracture resistance 800kg
- Robust
- Possibility of internal microswitch
- Microswitch actuator in stainless steel
- Long wires output
- Ideal for heavy doors and high traffic
- Symmetrical
- Reversible
- Adjustable and monoblock version
- Reduced size

	8-12 V		24 V	12 VDC (412)		24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	8	17	58	30	45	132	60	230
AC Current Consumption (mA)	800 (8V)	370 (8V)	330					
	1200 (12V)	560 (12V)						
Stabilized DC Current Consumption (mA)	1000 (8V)	470 (8V)		400 VDC	260 VDC	180 VDC	200 VDC	120 VDC
	1500 (12V)	700 (12V)		cont. rated	cont. rated	cont. rated	cont. rated	cont. rated
Continuously Operating Voltage Range In VDC (V)			-	11-12	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	300 (12V)	-	-	-	-	-	-	-

Casing



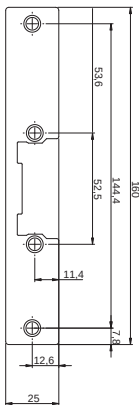
- Grey painted finish
- Stainless steel

Technical Features

Height	75 mm
Width	21 mm
Depth	28 mm
Adjustable Jaw Range	4 mm
Suits Latches With Maximum Throw Of	6 mm
Endurance Cycles Test In-plant	500.000
Holding Force	7.800 N / 800 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	Optional

Recommended striking plate

S



	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
5001	✓									V AC
5007	✓									12V DC
5013						✓				12V DC
5029	✓						✓			V AC
5030	✓						✓			12V DC
5031						✓	✓			12V DC

* By regulating screws in latch

Series 62

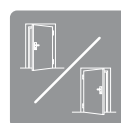
Waterproof electric lock

Series 62 is waterproof, dustproof and complies with IP65 certification. It is designed to ensure optimal performance of the lock in adverse environmental conditions.

The mechanism box is protected by a seal and an internal partition; thus, insulating the lock from water and dust. This model can incorporate, in turn, a manual release in the shape of a turning knob.



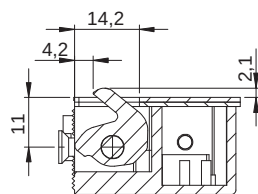
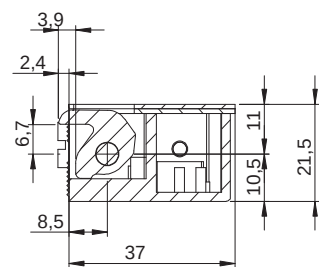
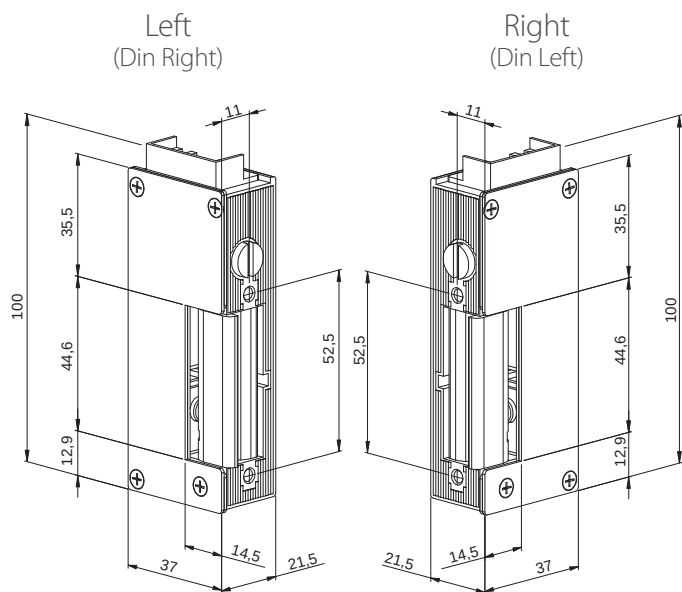
IP65



- IP65
- Waterproof , dustproof
- Nonreversible
- Protected by a seal.
- Suitable for outdoor installations and saline environments.

	8-12 V		24 V	12 VDC (412)	24 VDC (424)
Rated Resistance (Ω)	8	17	58	68	132
AC Current Consumption (mA)	800 (8V)	370 (8V)	330		
	1200 (12V)	560 (12V)			
Stabilized DC Current Consumption (mA)	1000 (8V)	470 (8V)		180 Vdc cont. rated	180 Vdc cont. rated
	1500 (12V)	700 (12V)			
Continuously Operating Voltage Range In VDC (V)			-	11-12	23-24
Max. Latch Preload AC (N)	120 (12V)	-	-	-	-

Casing

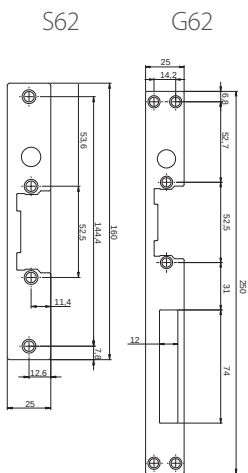


- Grey painted finish
- Stainless steel

Technical Features

Height	100 mm
Width	21,5 mm
Profundo	37 mm
Adjustable Jaw Range	-
Suits Latches With Maximum Throw Of	7,7 mm
Endurance Cycles Test In-plant	300.000
Holding Force	3.900 N / 400 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional

Recommended striking plate



	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
6216R	✓							✓		V AC
6216L	✓							✓		V AC
6221R	✓									12V DC
6221L	✓									12V DC
6227R						✓				12V DC
6227L						✓				12V DC

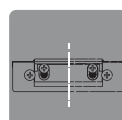
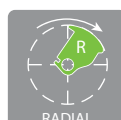
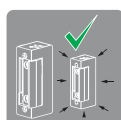
* By regulating screws in latch

Series 99

Multi-voltage electric strike mechanism

Our most versatile, next generation, series of electric door strikes has reduced dimensions (only 25.5mm deep) that allow the Series 99 to be installed in any door jamb, including modern aluminium and PVC profiles.

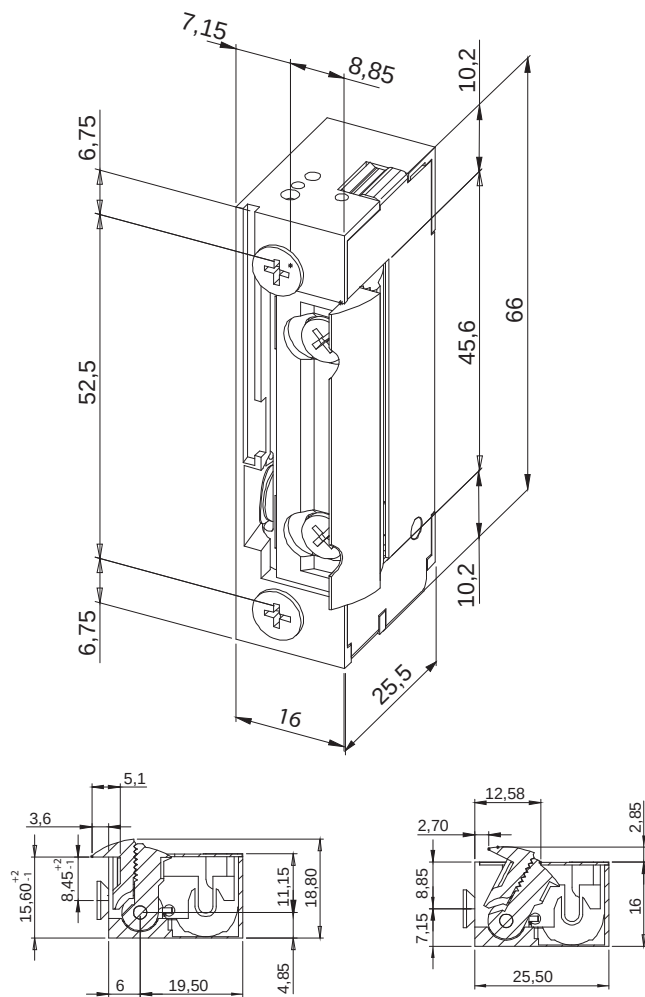
The Series 99's coil has optimum performance in both AC and DC installations permitting a range of voltages from 10v to 24v



- Multi-voltage
- AC & DC Operation
- Reduced dimensions
- Radial latch
- Symmetric design
- Reversible
- EN 14846 certified

	10-24 V	6-12 V	8-12 V	24 V	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	43	8	17	58	132	51	160
AC Current Consumption (mA)	175 (10V)	600 (6V)	370 (8V)	330			
	250 (12V)	1200 (12V)	560 (12V)				
	500 (24V)						
Stabilized DC Current Consumption (mA)	230 (10V)	750 (6V)	470 (8V)		180 Vdc contrated	235 Vdc contrated	150 Vdc contrated
	280 (12V)	1500 (12V)	700 (12V)				
	560 (24V)						
Continuously Operating Voltage Range In VDC (V)	11-13			-	23-24	11-12	23-24
Max. Latch Preload AC (N)	250N (12V)	-	-	-	-	-	-
	360N (24V)	-	-				
Max. Latch preload DC (N)	55N (12V)	-	-	-	-	-	-
	220N (24V)	-	-				

Casing



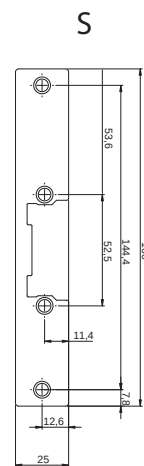
 Grey painted finish

■ Stainless steel

Technical Features

Height	66 mm
Width	16 mm
Depth	25,5 mm
Adjustable Jaw Range	+2-1 mm
Suits Latches With Maximum Throw Of	5,1 mm
Endurance Cycles Test In-plant	400.000
Holding Force	3.230 N / 330 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	Optional

Recommended striking plate



	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
9901	✓								✓	10-24V AC/DC
9902	✓			✓				✓	✓	10-24V AC/DC
9938				✓					✓	10-24V AC/DC
9939				✓				✓	✓	10-24V AC/DC
9913					✓				✓	12V DC
9932	✓						✓		✓	10-24V AC/DC
9934					✓		✓		✓	12V DC

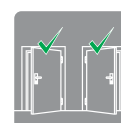
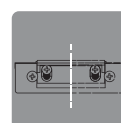
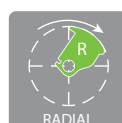
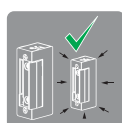
* By regulating screws in latch

99 TOP Series

Multi-voltage electric lock

Latest generation characterized by its versatility.

The TOP variant of this series introduces a new system for guiding the latch into the latch lock for easy door opening and avoids the need for a frame notch.


HI-TECH


- New system with latch ramp guide
- Cover with galling system
- Multivoltage
- AC and DC operation
- Reduced size
- Radial latch
- Symmetrical
- Reversible
- EN 14846 certification

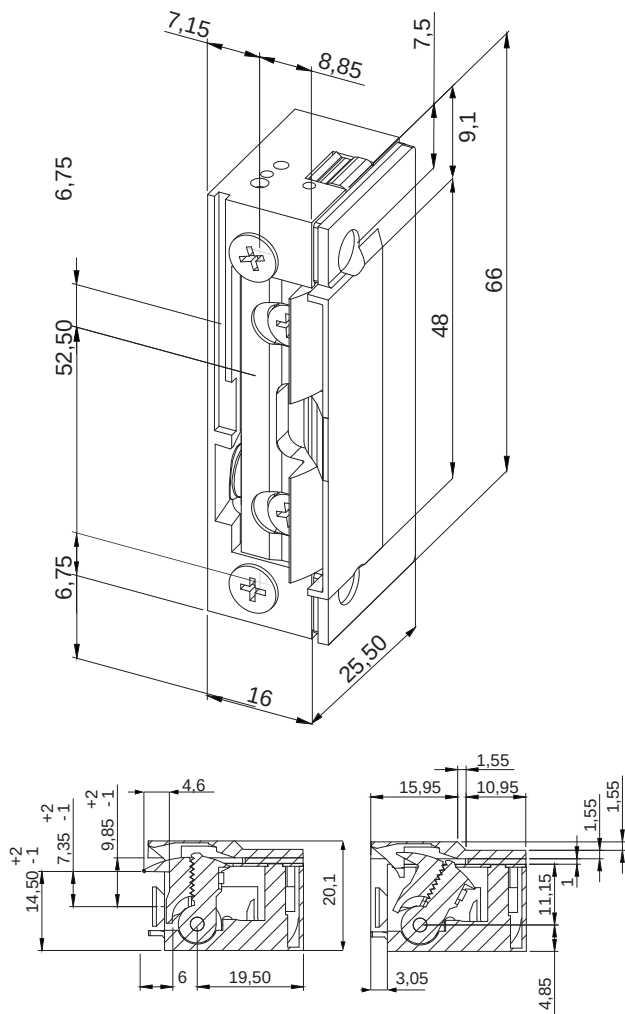


Model **99** with installation with cut in frame



Model **99 TOP** with installation without cut in frame

Casing



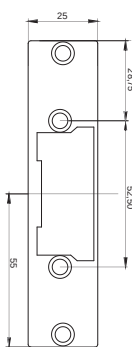
Stainless steel

Technical Features

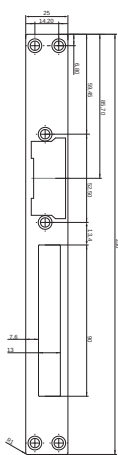
Height	66 mm
Width	16 mm
Depth	25,5 mm
Adjustable Jaw Range	+2-1 mm
Suits Latches With Maximum Throw Of	5,1 mm
Endurance Cycles Test In-plant	400.000
Holding Force	3.230 N / 330 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	Optional

Recommended striking plate

YB



YL



	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
9902T	✓							✓	✓	10-24V AC/DC
9904T		✓						✓	✓	10-24V AC/DC
9913T						✓			✓	12V DC
9932T	✓						✓		✓	10-24V AC/DC
9934T						✓	✓		✓	12V DC

* By regulating screws in latch

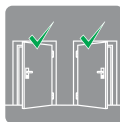
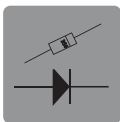
Series 77

Electric lock Anti-Pressure

In the 77 Series ZKTeco features a door lock intended to be fitted to safety and emergency doors. Its internal construction allows unlocking under pressures of up to 450 kg, according to certificate NF_S_61-937 with number CET0100362. It is also certified EN 14846. Additionally, it incorporates a diode that prevents electronic interference and extends the life of the coil.



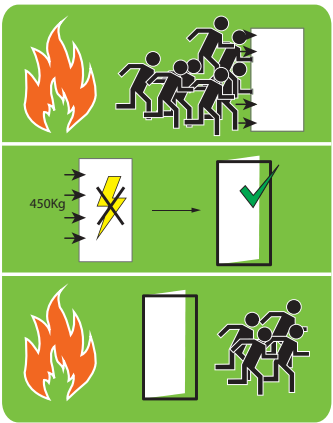
HI-TECH



- Opening with a resistance pressure of up to 450 kg
- High security installations
- Integrated diode
- Pressure resistance certification
- Certification 14846 for emergency doors
- Non Reversible

	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	37	150
AC Current Consumption (mA)		
Stabilized DC Current Consumption (mA)	320 (12V)	160 (24V)
Continuously Operating Voltage Range In VDC (V)	11-13 V 300-350	23-25 V 150-170
Max. Latch Preload AC (N)	-	-
Max. Latch Preload DC (N)	4500	4500

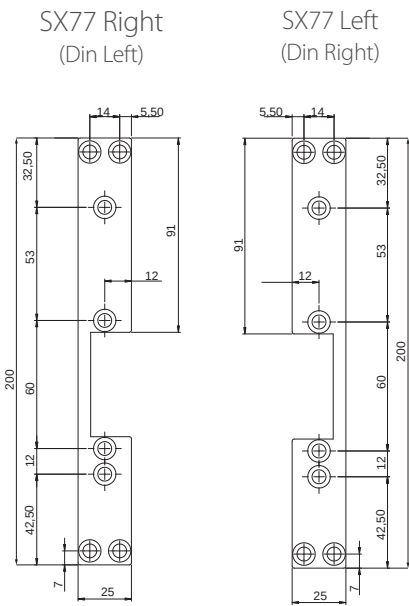
Emergency situations where often, pressure is exerted on the door which can complicate or impide the opening.



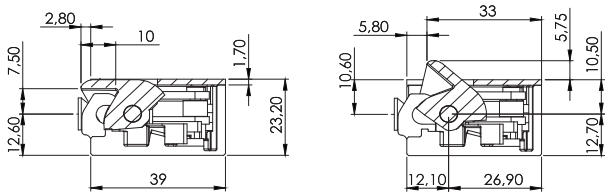
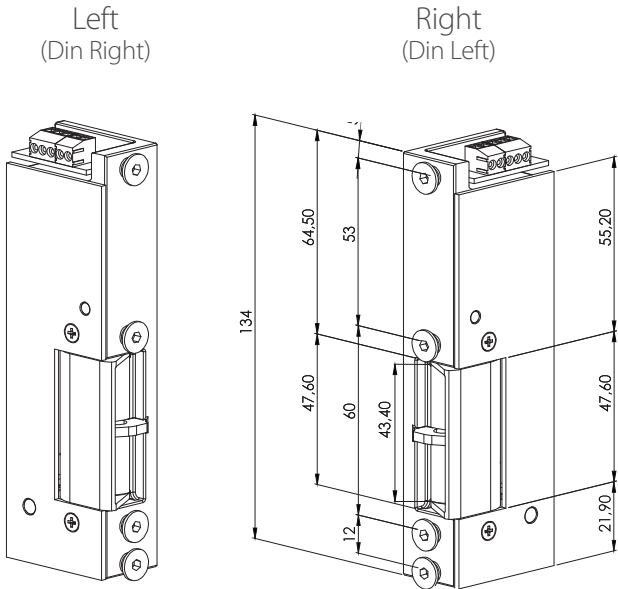
Technical Features

Height	134 mm
Width	39 mm
Depth	23,2 mm
Adjustable Jaw Range	2 mm
Suits Latches With Maximum Throw Of	10 mm
Endurance Cycles Test In-plant	500.000
Holding Force	7.350 N / 750 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Standard
Microswitch	Optional

Recommended striking plate



Casing



Stainless steel

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
7713R24						✓			✓	24V DC
7713L24						✓			✓	24V DC
7734R24						✓	✓		✓	24V DC
7734L24						✓	✓		✓	24V DC

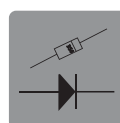
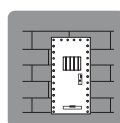
* By regulating screws in latch

Series 77 HR

High resistance electric lock

The 77 Series, in its version of high resistance, is characterized by its robustness and suitability for heavy and high security doors.

- Fracture resistance up to 1,300 Kg
- Integrated diode

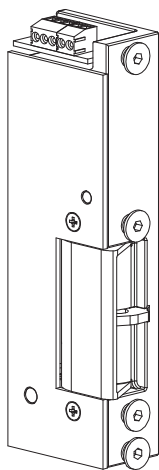

HI-TECH


Technical Features

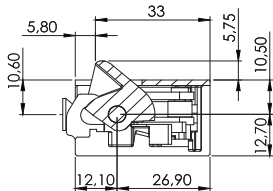
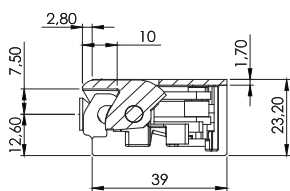
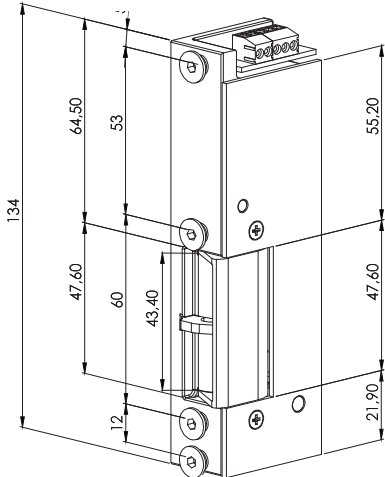
Height	134 mm			
Width	39 mm			
Depth	23,2 mm			
Adjustable Jaw Range	2 mm			
Suits Latches With Maximum Throw Of	10 mm			
Endurance Cycles Test In-plant	500.000			
Holding Force	12.700 N / 1.300 kg-f			
Operating Temperature Range	-15 °C to +40 °C			
Diode Or Varistor	Optional			
Microswitch	Optional			
	12 V		24 VAC	
Rated Resistance (Ω)	8	30	70	70
AC Current Consumption (mA)	1200	320	140	
Stabilized DC Current Consumption (mA)		400		350

Casing

Left
(Din Right)

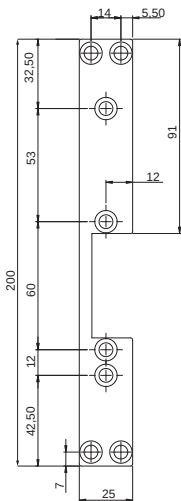


Right
(Din Left)

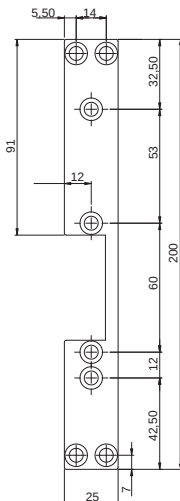


Recommended striking plate

SX77 Right
(Din Left)



SX77 Left
(Din Right)



Stainless steel

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
7707R	✓								✓	12V DC
7707L	✓								✓	12V DC
7733R	✓						✓		✓	12V DC
7733L	✓						✓		✓	12V DC

* By regulating screws in latch

Series 87

Electric lock for Glass Doors

The series 87 is made up of a hinged door latch for frame installation without door lock to be installed into single glass panes up to 12 millimeters thick.

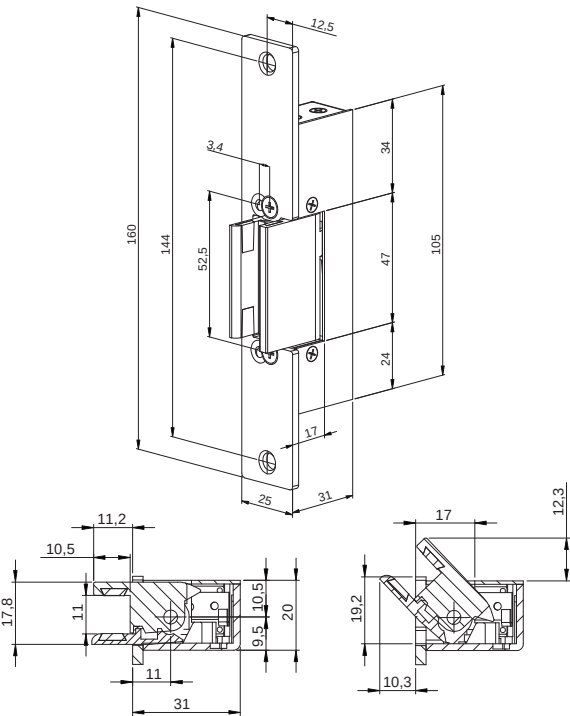
- Glass door frame glass panes up to 12 mm thick
- Does not require mechanical lock
- Easy installation



Technical Features

Height	105 mm							
Width	20 mm							
Depth	28 mm							
Adjustable Jaw Range	-							
Suits Latches With Maximum Throw Of	11,2 mm							
Endurance Cycles Test In-plant	250.000							
Holding Force	2.550 N / 260 kg-f							
Operating Temperature Range	-15 °C to +40 °C							
Diode Or Varistor	Optional							
	8-12 V		24 V		12 VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	8	17	30	58	68	132	70	230
AC Current Consumption (mA)	800 (8V)	370 (8V)		330				
	1200 (12V)	560 (12V)						
Stabilized DC Current Consumption (mA)	1000 (8V)	470 (8V)	260 (8V)		180	180	150	120
	1500 (12V)	700 (12V)	400 (12V)		cont. rated	cont. rated	cont. rated	cont. rated
Continuously Operating Voltage Range In VDC (V)			-	-	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	100 (12V)	-	-	-	-	-	-	-

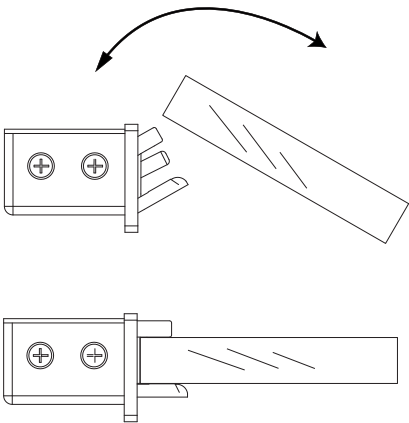
Casing



Installation on side frame



Attachment



Stainless steel

Installation on upper frame



- NORMAL
- STANDARD AUTOMATIC
- INVISIBLE AUTOMATIC
- TIMED AUTOMATIC
- SLIDING AUTOMATIC
- INVERTED
- SWITCHED
- UNBLOCKING
- ADJUSTABLE *
- WORKING VOLTAGE

8727



12V DC

* By regulating screws in latch

Series 47

British / American electric lock

The 47 Series are locks especially made to fit ANSI type doors, reduced size, symmetrical and reversible, distinguishable by the depth and length of the bolt. Ideal for British and American door fixtures.

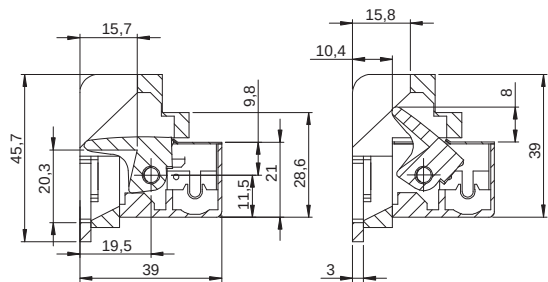
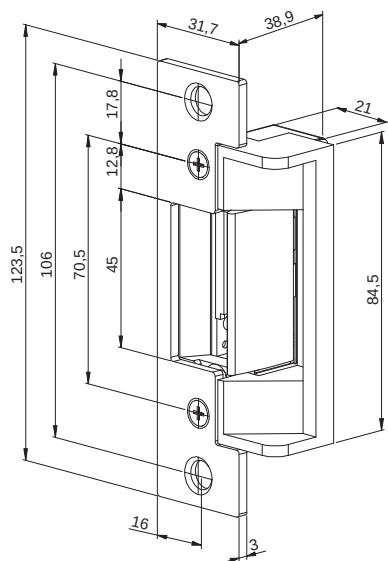
It has added lateral protection that impedes manipulation from the exterior. Several frames available.



- For American and British doors
- Extended latches
- Deeper latches
- For metal frames
- Available in reinforced version

	8-16 V	24 V	14-24 V	12VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	17	58	45	68	132	58	230
AC Current Consumption (mA)	370 (8V)	330					
	750 (12V)						
Stabilized DC Current Consumption (mA)	470 (8V)		260	180 Vdc contr. rated	180 Vdc contr. rated	200Vdc contr. rated	120 Vdc contr. rated
	940 (12V)						
Continuously Operating Voltage Range In VDC (V)	11-13	-	11-12	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	400 (12V)	-	-	-	-	-	-

Casing



Stainless steel

Technical Features

Height	84,5 mm
Width	45,7 mm
Depth	39 mm
Adjustable Jaw Range	-
Suits Latches With Maximum Throw Of	15,7 mm
Endurance Cycles Test In-plant	300.000
Holding Force	3.450 N / 350 kg-f Reinforced Version 4.400 N / 450 Kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	Optional

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
4707	✓								✓	12 VDC
4713					✓				✓	12 VDC
4733	✓						✓		✓	12 VDC
4734					✓		✓		✓	12 VDC

* By regulating screws in latch

Series 46

British / American electric lock

The 46 Series are locks especially made to fit ANSI type doors, reduced size, symmetrical and reversible, distinguishable by the depth and length of the bolt. Ideal for British and American door fixtures. It has added lateral protection that impedes manipulation from the exterior. Several frames available.

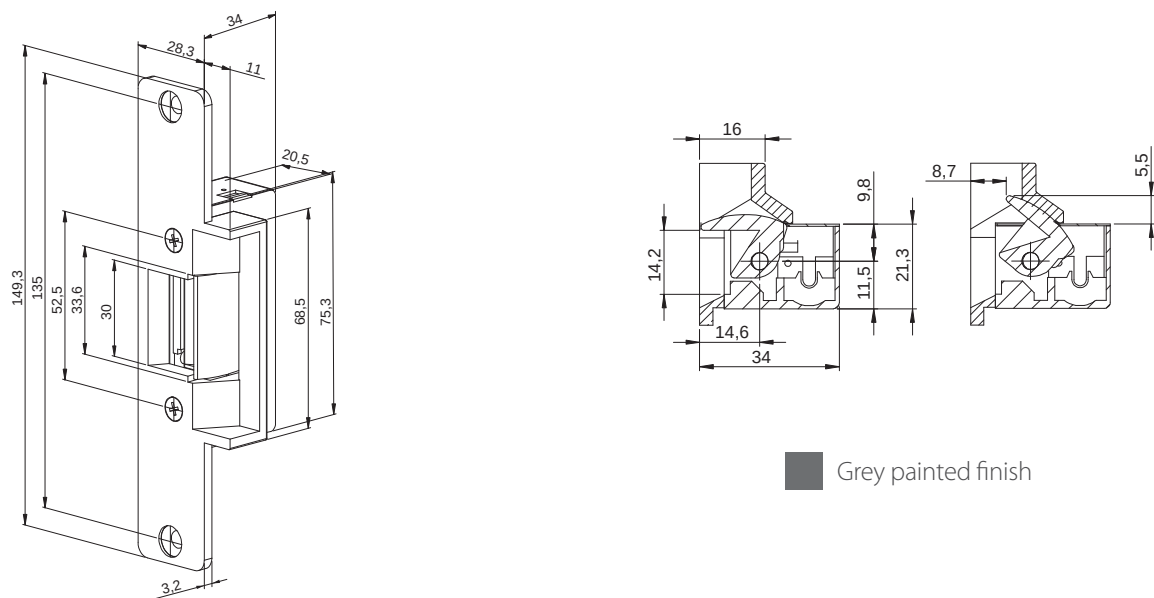
With a body length of 75 mm, it is primarily intended for tubular locks.



- For American and British doors
- Extended latches
- Deeper latches
- For metal frames
- Available in reinforced version

	8-16 V	24 V	14-24 V	12VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	17	58	45	68	132	58	230
AC Current Consumption (mA)	370 (8V)	330					
	750 (12V)						
Stabilized DC Current Consumption (mA)	470 (8V)		260	180 Vdc cont.rated	180 Vdc cont.rated	200 Vdc cont.rated	120 Vdc cont.rated
	940 (12V)						
Continuously Operating Voltage Range In VDC (V)	11-13	-	11-12	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	200 (12V)	-	-	-	-	-	-

Casing



Technical Features

Height	75,3 mm
Width	39,3 mm
Depth	34 mm
Adjustable Jaw Range	-
Suits Latches With Maximum Throw Of	14,6 mm
Endurance Cycles Test In-plant	300.000
Holding Force	3.450 N / 350 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	-

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
4621	✓									12 VDC
4627					✓					12 VDC

* By regulating screws in latch

Series 84

British / American electric lock



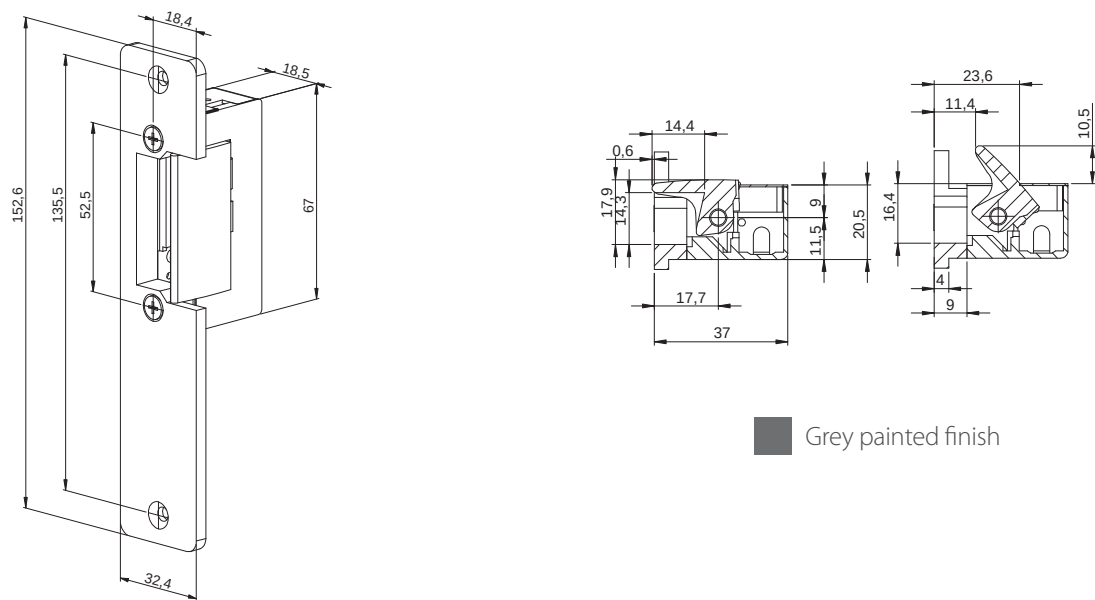
Series 84 are reversible locks most commonly used with American door installations, characterized by a particularly broad weave and a deeper and longer than usual latch.



- For American and British doors
- Extended latches
- Deeper latches
- For metal frames
- Available in reinforced version

	8-16 V	24 V	14-24 V	12VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	17	58	45	68	132	58	230
AC Current Consumption (mA)	370 (8V)	330					
	750 (12V)						
Stabilized DC Current Consumption (mA)	470 (8V)		260	180 Vdc cont. rated	180 Vdc cont. rated	200 Vdc cont. rated	120 Vdc cont. rated
	940 (12V)						
Continuously Operating Voltage Range In VDC (V)	11-13	-	11-12	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	400 (12V)	-	-	-	-	-	-

Casing



Technical Features

Height	67 mm
Width	20,5 mm
Depth	37,4 mm
Adjustable Jaw Range	-
Suits Latches With Maximum Throw Of	14,4 mm
Endurance Cycles Test In-plant	300.000
Holding Force	3.450 N / 350 kg-f
Operating Temperature Range	-15 °C to +40 °C
Diode Or Varistor	Optional
Microswitch	-

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
8402	✓							✓	✓	V AC
8407	✓								✓	12 VDC
8408	✓							✓	✓	12 VDC
8413					✓				✓	12 VDC

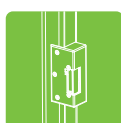
* By regulating screws in latch

20/21/27 Series

Reversible latch lock

The series 20, 21 and 27 are composed of superimposed reversible door locks suitable for door combinations without deadbolts.

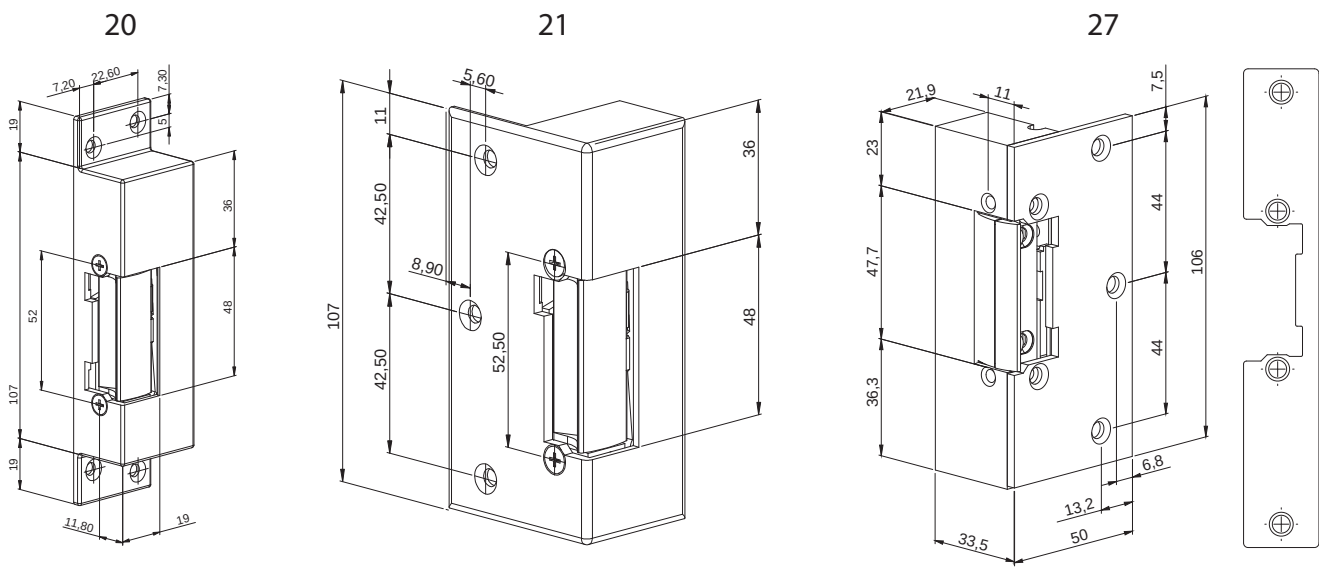
- Latch installation
- Reversible



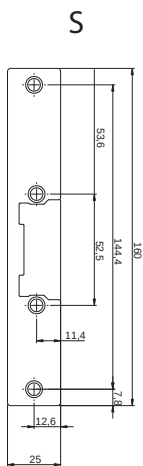
Technical Features

	Serie 20			Serie 21		Serie 27		
Height	145 mm			107 mm		106 mm		
Width	37 mm			52 mm		50 mm		
Depth	25 mm			25 mm		33,5 mm		
Adjustable Jaw Range	4 mm			4 mm		3 mm		
Suits Latches With Maximum Throw Of	9,48 mm			9,48 mm		5,8 mm		
Endurance Cycles Test In-plant				300.000				
Holding Force				2.950 N / 300 kg-f				
Operating Temperature Range				-15 °C to +40 °C				
Diode Or Varistor				Optional				
	8-12 V			24 V	12 VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)
Rated Resistance (Ω)	8	17	30	58	68	132	60	230
AC Current Consumption (mA)	800 (8V)	370 (8V)	260 (8V)					
	1200 (12V)	560 (12V)	400 (12V)					
Stabilized DC Current Consumption (mA)	1000 (8V)	470 (8V)		330	260 VDC	180 VDC	200 VDC	120 VDC
	1500 (12V)	700 (12V)			contrated	contrated	contrated	contrated
Continuously Operating Voltage Range In VDC (V)				-	11-12	11-12	23-24	11-12
	Serie 20 100 (12V)							
Max. Latch Preload AC (N)	Serie 21 100 (12V)			-	-	-	-	-
	Serie 27 130 (12V)							

Casing



Recommended striking plate



- Grey painted finish (206) (207) (203)
- Chrome (201) (205)
- Gold plated (202) (204)

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
2013						✓				12 V DC
2015	✓									V AC
2021	✓									12V DC
2113						✓				12 V DC
2115	✓									V AC
2121	✓									12 V DC
2713						✓				12 V DC
2715	✓									V AC
2721	✓									12 V DC

* By regulating screws in latch

82/82P Series

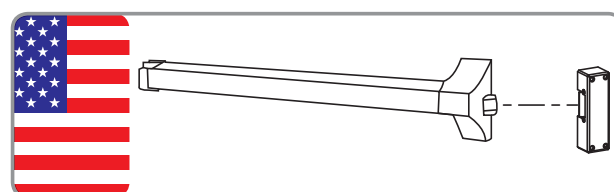
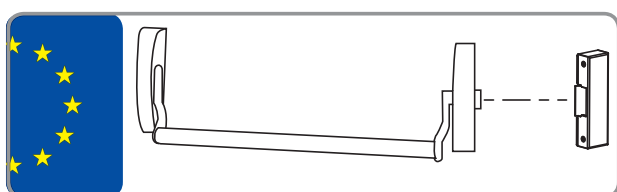
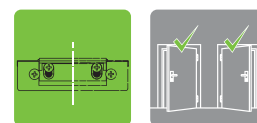
Anti-Panic electric lock

The 82 Series consists of reversible surface locks, with concealed fixing, concave cover latch and is adaptable to a panic lock latch. They come with eight 1 millimeter thick cover supplements that allow installation with virtually all types of panic locks.

The 82P variant is particularly suitable for American type panic bars. It comes standard with a latch for a perfect fit with the bar. Optionally, it can be ordered with a projector compatible with panic locks that include a counter latch (security lock system which prevents opening of the lock.)

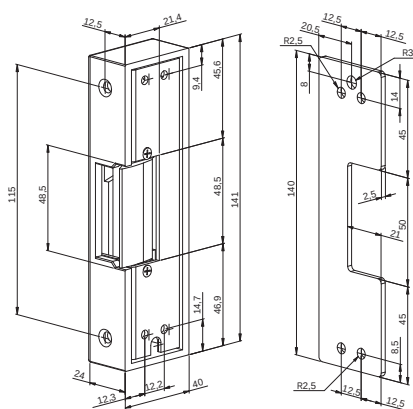


- For panic latch bar
- Reversible
- For American standards (82P)
- For European standards (82)
- Available in reinforced version

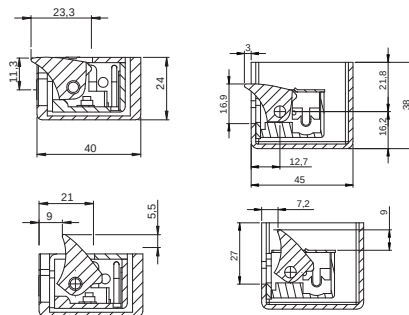


	8-12 V		24 V	12 VDC (412)	24 VDC (424)	12 VDC (512)	24 VDC (524)	
Rated Resistance (Ω)	8	17	30	58	68	132	70	230
AC Current Consumption (mA)	800 (8V)	370 (8V)	330					
	1200 (12V)	560 (12V)						
Stabilized DC Current Consumption (mA)	1000 (8V)	470 (8V)	260 (8V)		180 vDC	180 vDC	150 vDC	120 vDC
	1500 (12V)	700 (12V)	400 (12V)		cont. rated	cont. rated	cont. rated	cont. rated
Continuously Operating Voltage Range In VDC (V)			-	-	11-12	23-24	11-12	23-24
Max. Latch Preload AC (N)	Series 82 100 (12V)	-	-	-	-	-	-	-
	Series 82P 100 (12V)							

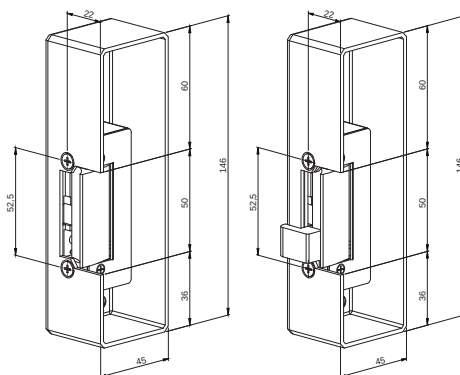
Casing



82



■ Black painted finish

 Chrome

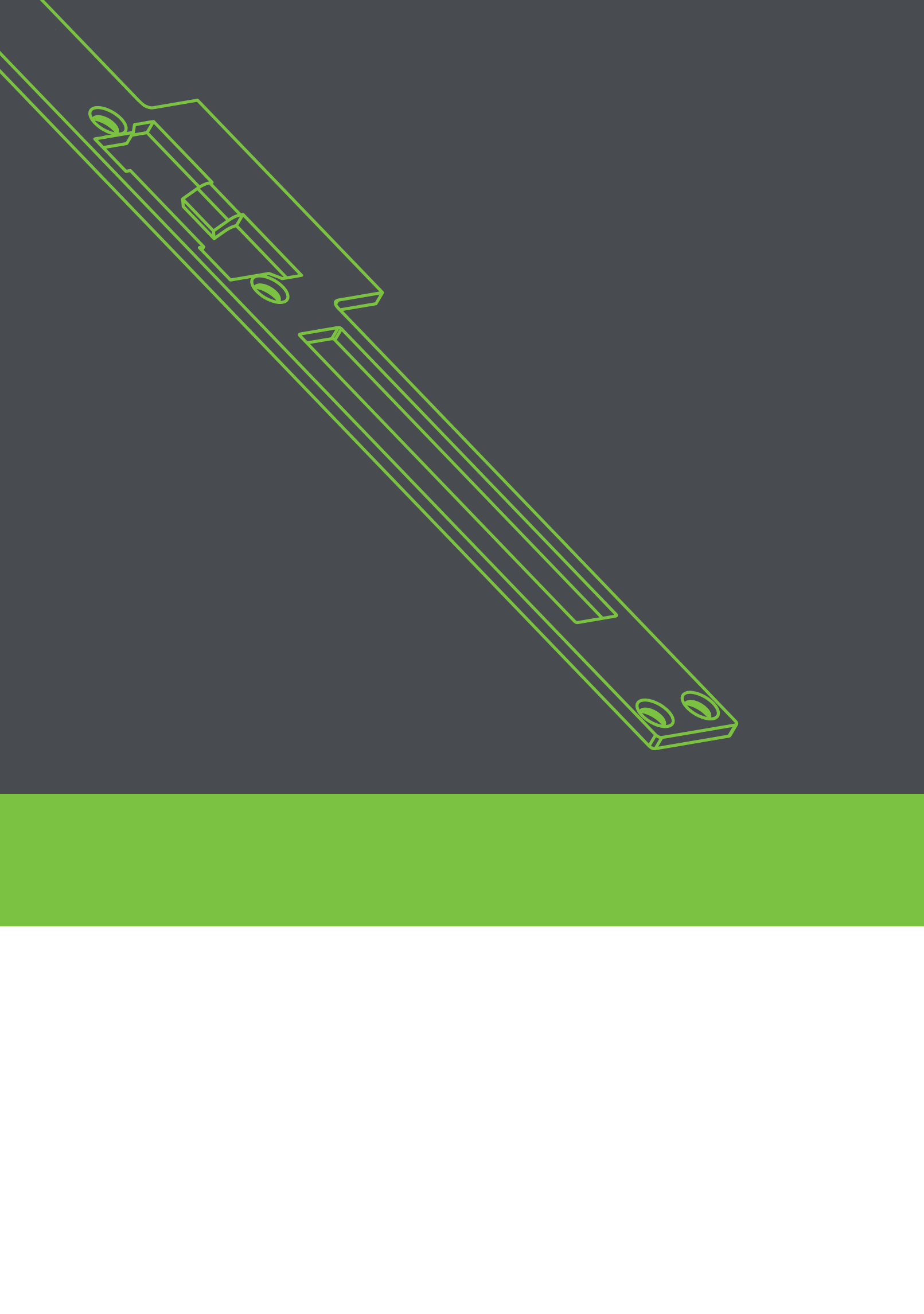
82P

Technical Features

	Series 82	Series 82P
Height	140 mm	146 mm
Width	26,5 mm	38 mm
Depth	40 mm	45 mm
Adjustable Jaw Range	-	
Suits Latches With Maximum Throw Of	10,4 mm	10,11 mm
Endurance Cycles Test In-plant	300.000	
Holding Force	2.950 N / 330 kg-f (Reinforced version 5.900 N / 600 kg-f)	
Operating Temperature Range	-15 °C to +40 °C	
Diode Or Varistor	Optional	
Microswitch	Optional	-

	NORMAL	STANDARD AUTOMATIC	INVISIBLE AUTOMATIC	TIMED AUTOMATIC	SLIDING AUTOMATIC	INVERTED	SWITCHED	UNBLOCKING	ADJUSTABLE *	WORKING VOLTAGE
8215	✓									V AC
8221	✓									12V DC
8227						✓				12V DC
8233						✓	✓			12V DC
8215P	✓									V AC
8221P	✓									12V DC
8227P						✓				12V DC
8233P						✓	✓			12V DC

* By regulating screws in latch





STRIKING PLATES

Striking plate

Combinable with embedded electric locks

Compatibility types

	Short striking plates					Long striking plates		
	10	18	19	20	41	21	22	42
	S	SX77 R	SX77 L	YB	YS	G	M	YL
45/44	✓					✓	✓	
50	✓					✓	✓	
62*	✓					✓		
99	✓					✓	✓	
99 TOP	✓			✓	✓	✓		✓
77		✓	✓					
77 HR		✓	✓					
87								
82/82P								
47								
46								
84								

* Requires a modification in striking plate for switched version

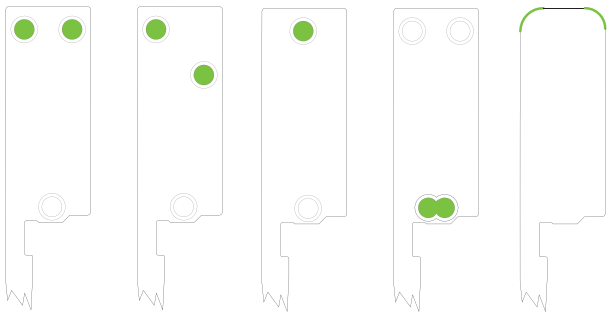
Types of striking plates



Short striking plates

Long striking plates

Attachment options

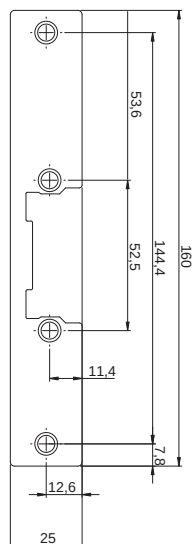


Type of finish

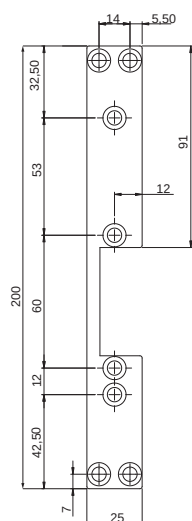
- Grey painted finish (G)
- Stainless steel (X)

Short striking plates

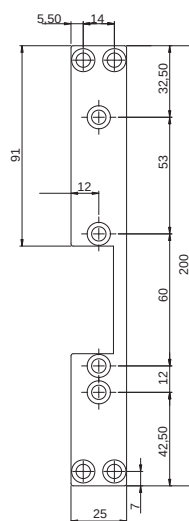
10 (S)



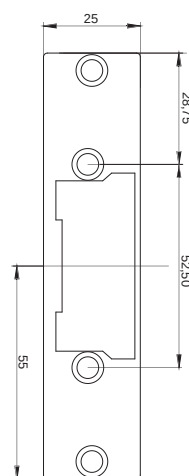
18 (SX77 R)



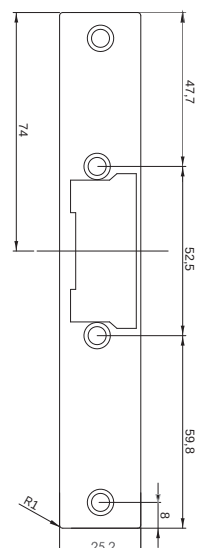
19 (SX77 L)



20 (YB)

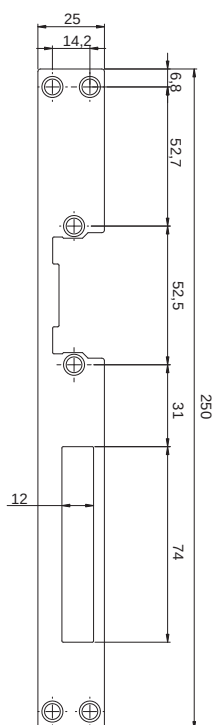


41 (YS)

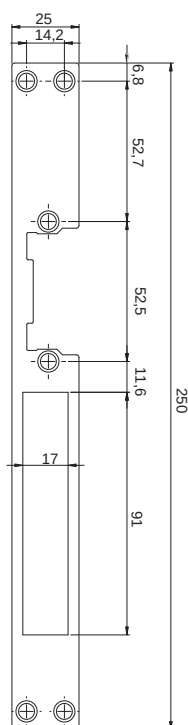


Long striking plates

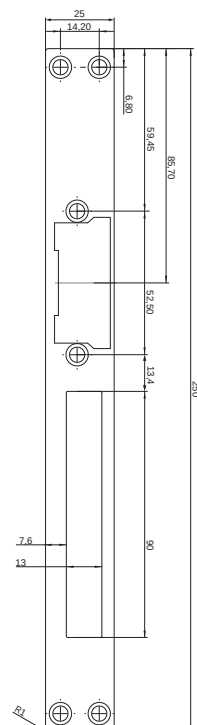
21 (G)

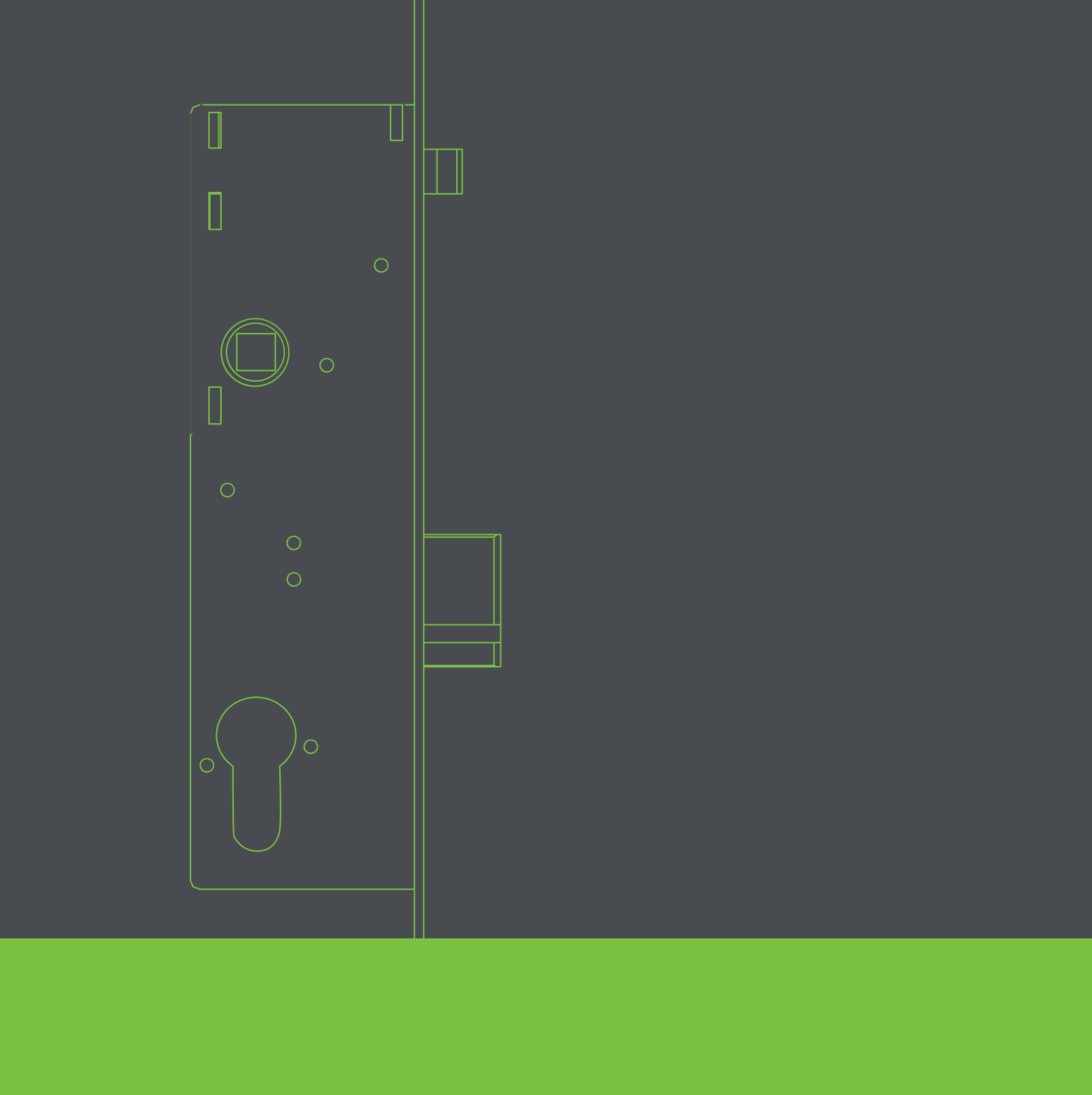


22 (M)



42 (YL)





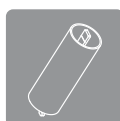


SPECIAL LOCKS

D96 Series

Reversible Latch lock

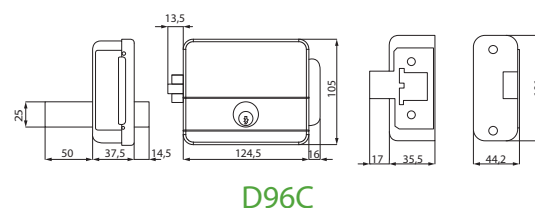
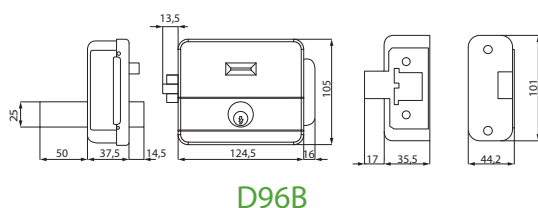
- Versatile
- Reversible
- Adjustable outer cylinder
- AC and DC operation
- Waterproof coil



D96 Latch lock is a reversible and adjustable outer cylinder (inputs 50 to 70 mm). It works either in AC and DC and its coil is waterproof to extend its life. The standard outer cylinder has a length of 50 mm. With the CL extender, however, it can have a maximum length of 90 mm. The D96 / B variant incorporates a cylinder inside to lock the release button leaving only the electric opening enabled.

Technical Features

Height	105 mm	
Width	124,5 mm	
Depth	37,5 mm	
	12 VDC	12 VAC
Rated Resistance (Ω)	7,3	7,3
Stabilized DC Current Consumption (mA)	1700	
AC Current Consumption (mA)		815



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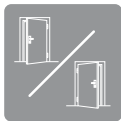
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D97 Series

Latch lock

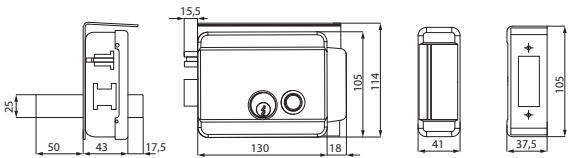
- Long output cable for easy installation
- Inner cylinder that can block the lock release button
- Manual release option



The D97 is a superimposed external electric lock featuring a controllable cylinder cover and long output cables. Must be ordered left or right hand and is supplied with round key lock and five keys. It works in DC and AC. The finish is light gray. Provided with an inner cylinder that blocks the release button, it can also be used for only interior electrical opening.

Technical Features

Height	96 mm
Width	126 mm
Depth	42 mm
	12 VDC/VAC
Rated Resistance (Ω)	4
DC Current Consumption (mA)	3000



	INTERIOR OPENING with button	INTERIOR OPENING only electrical	INTERIOR OPENING with key	RIGHT HAND	LEFT HAND	EXTERIOR CYLINDER length
D97-B1 R	✓	✓		✓		50 mm
D97-B1-L	✓	✓			✓	50 mm

D98 Series

Latch lock

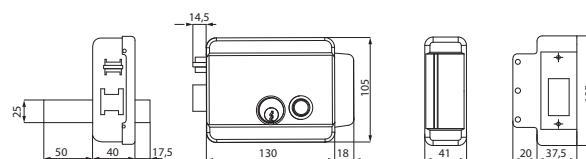
- Long output cable for easy installation
- Inner cylinder that allows the lock release button
- Manual release option
- Suitable for interior and exterior opening



The D98 stands out for its suitability for both indoor and outdoor opening: to reverse the direction of the lock by pulling the handle and turning 180 degrees. The outer cylinder is adjustable and the inner cylinder allows the locking of the button. There are five keys and a round cylinder. There are left and right variations.

Technical Features

Height	96 mm
Width	126 mm
Depth	42 mm
	12 VDC/VAC
Rated Resistance (Ω)	4
DC Current Consumption (mA)	3000



	INTERIOR OPENING with button	INTERIOR OPENING only electrical	INTERIOR OPENING with key	RIGHT HAND	LEFT HAND	EXTERIOR CYLINDER length
D98-B1 R	✓	✓		✓		50 mm
D98-B1-L	✓	✓			✓	50 mm

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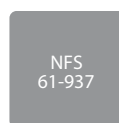
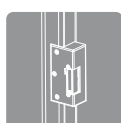
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Series ProFast

Electromagnetic lock latch

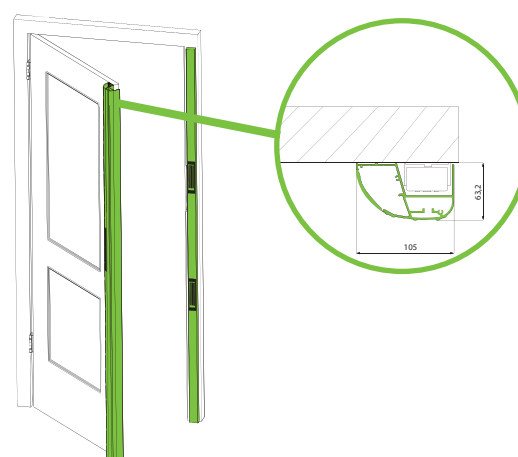
The ProFAST closure system is a novelty product comprising of an aluminium frame which is mounted on the door and another on the door frame to which two embedded electromagnetic locks are installed. Once mounted it opens through an integrated door handle and when closed, the profile with the suction cups is completely hidden by the door profile. This system can be quickly and easily installed (10 minutes) and the finish is modern and aesthetic with wires hidden inside the frames. This solution is suitable for offices, shops, public buildings, etc. and for all types of doors (wood, metal and glass) and can operate from 12 to 48V giving the facility a holding force of up to 600 Kg .



- Very fast installation
- Latch assembly
- Easy installation
- For doors of metal, wood and glass
- NFS 61-937 certified
- Anti -vandalism

Technical Features

Height	2190 / 2500 mm
Width	105 mm
Depth	63 mm
	12 / 24 / 48 VDC
Holding Force (Kg)	2 x 300 Kg
DC Current Consumption (mA)	550 (per lock)
	275 (per lock)
	190 (both locks)





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