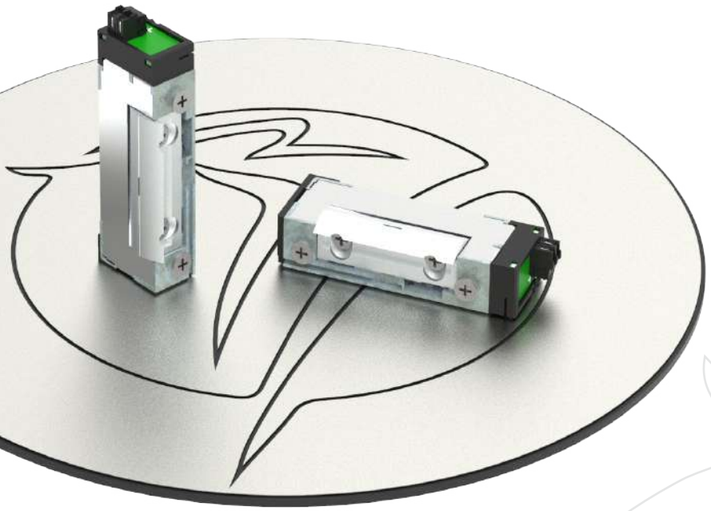
EN

GENERAL CATALOGUE

DORCAS

AGILITY
INNOVATION
QUALITY

THANK YOU FOR INSPIRING US!



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OUR STORY

In 1971, in Siete Aguas, a town full of history and tradition, MONTAJES ELECTRÓNICOS DORCAS, S.L. was set up by José Vicente Ibánez and several other partners, with all the excitement and enthusiasm that comes from setting off on an adventure that hasn't finished yet.

Since its foundation, it has maintained the philosophy instilled by José Vicente Ibáñez: **People together, united and happy.**

In 1982, Spain and its economy were changing, DORCAS defied the crisis and strengthened its position in the national market, specialising in the manufacture of electromechanical opening systems.

10 years later the export market started to grow. CAD systems were introduced to facilitate industrial automation and by the year 2000 DORCAS had built a worldwide presence, taking its products to more than 70 countries spread over 5 continents.

In 2002, DORCAS moved to new installations as a result of the company's significant growth. In 2008 two of DORCAS' most relevant products to date, the 54 series, the most sold series, and the DUO, an electromechanical lock introducing a groundbreaking system.

In 2011, when the company celebrated 40 years in business, Pablo Ibáñez, José Vicente's son, was appointed CEO of DORCAS, conserving the same philosophy handed down by his father and increasing the product range to meet the needs of the market and of our customers.

Once again, in 2015, DORCAS grew strongly, incorporating more automation in its processes, thereby embarking on a new market strategy. After this strategy, introduced by Pablo Ibáñez, in 2018 secured the number 2 spot in the world in terms of strike production volume.

Since 2018 it has continued to grow consistently. Our non-conformist and persevering nature has allowed us, step by step, to develop a very extensive range of products, to the point of having more than 5000 different models of electric lock openers adapted to different standards and to the different needs of the 5 continents.

After more than 50 years in the business, today at DORCAS we are still committed to the future and that is why innovation is such a distinctive feature of our company; we have an active R&D department that uses the latest technologies and tools to design new models and optimal solutions.

WE ARE GRATEFUL FOR WHAT WE HAVE, BUT WE HAVE OUR SIGHTS SET ON MORE

CORPORATE VALUES

AGILITY INNOVATION QUALITY

We listed to our customers' suggestions to be more **agile** on adapting the product to a new requirement and therefore achieve excellence in each of our products.

Innovation and the latest technologies from our R&D department are key for us to constantly offer new models and new solutions. And all this, with the aim of adequately serving the needs of a constantly evolving market, offering appropriate, personalised and up-to-date service.

At DORCAS, we pride ourselves on offering the best products on the market in this sector.

Quality certificates from top laboratories, patents and designs adapted to the different international standards and to each specific situation back up our range of solutions.

WHAT DO WE OFFER AT DORCAS?

From the outset, we have specialised in the design and manufacture of electromechanical opening systems and, with the aim of offering the optimal solution in all kinds of situations, we have managed to expand our product range to a large degree. Today, we continue to work on this with great enthusiasm and application, with our sights set on the future.

Thanks to these efforts and the perseverance of our team, we at DORCAS can proudly say that we offer 100% effective solutions to cover any need, anywhere.

Our range currently includes over 10 different types of product, from strikes to access controls, electromechanical locks, door operators, electromagnetic locks, push buttons, transformers, among others.

HOW FAR DO OUR PRODUCTS REACH?

From the outset at DORCAS we have been strongly established in Europe.

Our sales team travels the world attending to the needs of our customers, providing the personalised service that marks us out from the rest. Opening up new markets in emerging countries.

With a strong international vocation, DORCAS currently markets its products in more than 75 countries, spread over the five continents, adapting to the most varied standards and circumstances.

BENCHMARKED BY LOCATIONS WORLDWIDE

Eurodisney
Paris

Santiago Bernabeu Stadium
Madrid

City of Arts and Sciences
Valencia

Adolfo Suarez *Airport*
Madrid

Charles de Gaulle Airport
Paris

El Prat Airport
Barcelona

Burj Khalifa
Dubai

Palm Jumeirah
Dubai

WHAT DO YOU GET?

EXPERIENCE

In 50 years DORCAS has always been at the forefront of electric strikes, meeting the needs of a constantly evolving market. We are proud of everything we have achieved over these 50 years plus, but we have our sights set on a lot more in the next 50.

"ATTITUDE IS THE KEY TO SUCCESS"

MANUFACTURE

To guarantee the 100% of the quality of our products we undertake all the manufacturing processes from the idea through to the packaging. All our products have passed the strictest quality controls. Successfully tested products have turned our brand into the leader in electric strikes.

"YOU DON'T SAY THINGS, YOU DO THEM. BECAUSE WHEN YOU DO THEM, THEY SPEAK FOR THEMSELVES"

TECHNOLOGY

Our innovation philosophy is based on a commitment to the most advanced technologies. So we invest in the research and development of products and solutions with safety and efficiency as the prime concerns in order to remain leader.

"WE KNOW WHAT WE ARE, BUT WE DON'T YET KNOW WHAT WE CAN BECOME"

ADVICE

Tell us what you need and we will offer you the ideal products. We will tell you what the best way to go about it is. We are at your disposal.

If you need a new tailored solution for your project, we will create it.

"ONLY THINGS YOU DON'T TRY TO DO ARE IMPOSSIBLE"

CUSTOMISATION (OEM)

Thanks to our extensive experience, at DORCAS we are consummate experts in the customisation of our product range, working together with our customers and carrying out this process quickly and efficiently, achieving a high level of customer satisfaction.

"THE REAL LUXURY IS THE CUSTOMISATION"

AFTER SALE SERVICE

We make the best team available to ensure you get the best possible experience before, during and after the purchase. This way, we maintain a lasting relationship with our customers, always meeting their expectations and needs.

"INSTEAD OF FOCUSING ON THE COMPETITION, FOCUS ON THE CUSTOMER"

DORCAS ICONOGRAPHY

Alternating (AC) and direct (DC) current

Alternating current

Direct current

12V in DC

Multi-voltage from 10 to 24 in AC or DC

Bi-voltage 12 or 24 in DC

Unlocking

Non-radial latch

Radial latch

Symmetrical

Flex flap adjustment

Monitoring

x kg Breakage limit

Timer

Easy to fit

Flush-mounted installation

Surface-mounted installation

DST technology

Fail secure & fail safe

Fail secure

Fail safe

Non-reversible

Reversible

Repositioning

Din left

Din right

Preload

x kg of preload in fail secure

x kg of preload in fail safe and fail secure

Monoblock latch

For panic bars

Key opening

Weather resistant

Universal

Automatic normal

Automatic sliding

For sliding door

For double glass leaf

For glass leaf

Long latch

Deep latch

TOP cover system

Small size

Evacuation routes

Fire-resistant

Fire-resistant 60 minutes

Fire-resistant 120 minutes

Water resistant IP68

Water resistant

Dust resistant

CE Marking

Standard EN 14846

Standard EN 61 -937

Maximum security

For armoured doors

High-resistance

Electric opening

Opens electrically or with key

Opens electrically or manually

Opens manually or with key

Opens with push-button, manual or key

Opens with card, key or keyboard

Opening with card, key or remote control

Day and night

Audio signal

Motorised

Keyboard

Card

Card or key fob

Remote control

Recognition by fingerprint

Face recognition

Pinion mechanism

Cam mechanism

User register

Schedule management

Bluetooth

4G

For businesses

For people with reduced mobility

Invisible

Master key systems

DORCAS app

New product

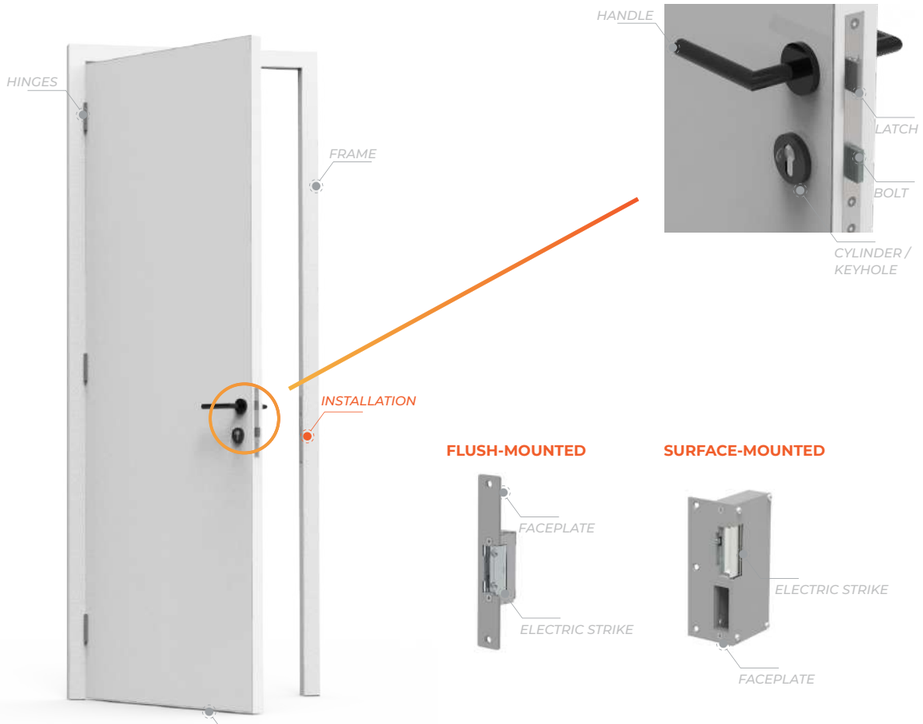
ELECTRIC STRIKES

WHAT IS AN ELECTRIC STRIKE?

An electric strike is an electromechanical device that is installed in the door frame, enabling the door to be opened by an electrical operation.

At DORCAS we have a wide range of electric strikes with different functions and features that make our product the solution to any problem or need.

AT THE FOREFRONT OF
ELECTRIC STRIKES



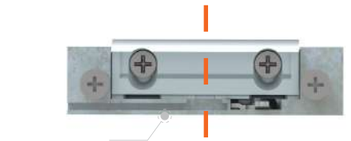
FLUSH-MOUNTED

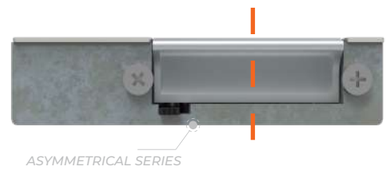
SURFACE-MOUNTED

SYMMETRY

We have always worked in such a way as to offer 100% symmetrical solutions to make it easier for the user to select and to install. The great advantage of the symmetrical models is that the mortising in the door frame will be identical in a din left or din right installation. All symmetrical strikes are also reversible, which makes them suitable for both din left and din right installations.

If we add certain features of the series, such as monitoring, the symmetry of the model may be lost.





REVERSIBILITY

In the case of non-symmetrical strikes, these can be reversible, such as the 30 series, or non-reversible, such as the 77 series. For non-reversible models, a choice of hand, din left or din right, must be made in accordance with the DIN 107 regulation:

REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

TYPE OF INSTALLATION

FLUSH-MOUNTED

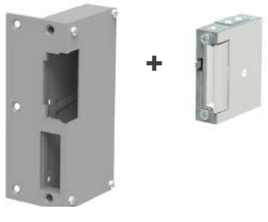
A flush-mounted strike is installed inside the door frame.

It consists of a bracket or faceplate and a mechanism box.

SURFACE-MOUNTED

A surface-mounted strike is installed on the door frame when the installation does not allow for flush-mounting.

It is composed of a mechanism box and a cover to be surface-mounted.



TYPES OF OPERATION

NORMAL FUNCTION *N*

In the normal function (N) of a door strike, in its idle position it remains closed keeping the door locked and when it receives an electrical impulse, the door strike unlocks allowing the door to be opened. The unlocked time will be the same as the electrical impulse time.

STANDARD DELAY ACTION *A*

Standard delay action (A) provides the door strike with a memory function, that is, when it receives an electrical impulse and is unlocked, the electric strike will remain unlocked allowing the door to be opened until the door is opened.

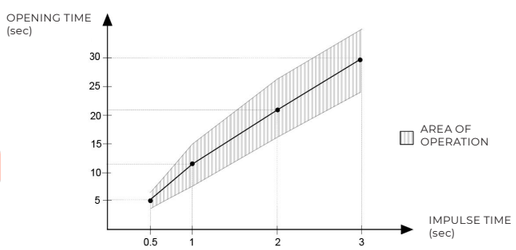
Standard delay action (A) This function is made possible by a bolt on the bracket of the mechanism in combination with the door's latch, which activates the automatic function when the strike receives current.

Sliding delay action (Ab) is a new feature incorporated in some of DORCAS' latest electric strikes. The bolt of the delay action mode has been replaced by a part that moves together with the flap when it is fitted to the door latch, improving the automatic operating range compared to the above.

Invisible delay action (Aa) gives the electric strike the delay action without any additional mechanism or part external to it thanks to its internal construction. A short electrical pulse period is recommended for this version to operate correctly.

TIME DELAY ACTION *At*

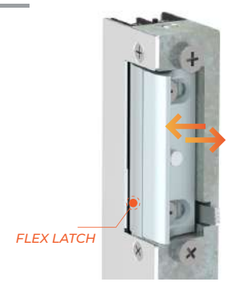
Time delay action (At) provides the automatic function for a specific time. When the electric strike receives an electrical impulse, the door is ready to open for a time proportional to the duration of the impulse (between 5 and 30 sec.) and then closes again if it has not been opened.



FUNCTIONS

FLEX LATCH

The FLEX latch version consists of a jaw that allows movement in the design's mounting holes. We can adjust the position of the jaw to different positions depending on the series the strike belongs to. With this adjustment we get a more accurate alignment with the latch of the lock reducing the door's clearance and getting a more precise door installation.

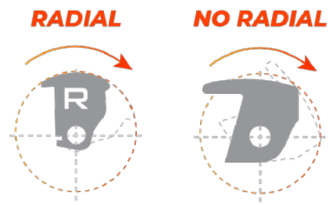


MONOBLOCK LATCH

The monoblock latch version is the more traditional option, and more reinforced models can be offered with it.

RADIAL / NON-RADIAL LATCH

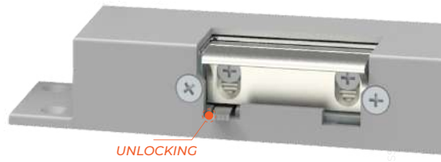
The radial latch option incorporates a system that rotates on an axis displaced towards the base of the electric strike itself, allowing the door to be opened with a smaller rotation arc of the latch. Thanks to this option, the cut-out to be made in the door frame is considerably smaller and it also allows the electric strike to be upgraded with additional functions such as top systems.



UNLOCKING

This consists of a mechanical and manual lever that enables us to leave the electric strike permanently unlocked. To activate the unlocking we just have to move the lever to obtain permanent opening without needing any electricity. When we want to put the electric strike back to its normal state, we move the lever in the opposite direction.

This option is ideal for main street doors where you want to leave the door open for long periods of time: building works, porters' lodge, etc.



MONITORING

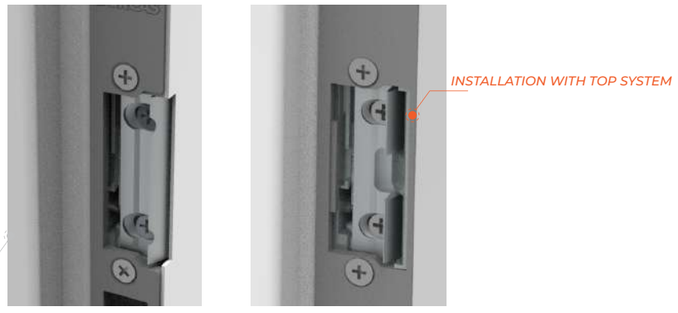
305 monitoring offers the chance to incorporate a microswitch or activator that gives us information on the door's status (open or closed). The series of electronic strikes fitted with 305 monitoring have a COM / NO - NC to indicate the door's status.

325 monitoring, additional to 305, provides us with information on the system's status (locked or unlocked).

TOP SYSTEM

The TOP system is entered in DORCAS as a new system that facilitates the guiding (entry and exit) of the latch in the strike. This system avoids having to make cut-outs in the frame.

MORE PRECISE AND ATTRACTIVE INSTALLATIONS



TOP

TOP version with a central guide ramp, which facilitates the guiding of the latch into the strike.

Version in STEEL
Version in MIM

DOUBLE TOP

It has been developed to enable the TOP system to be combined with automatic sliding (AB), something not available until now. Furthermore, the two ramps provide a greater range of action.

TOP 2

This version has an exterior extension that facilitates the entry of the latch, making for a less aggressive closure. This system allows for the refitting of a NO TOP electric strike and faceplate with a cut-out already made in the frame. Especially indicated for PVC.

ELECTRICAL FUNCTIONS

FAIL SECURE

The electric strike idle position is closed.

On receiving current the system unlocks allowing the door to be opened.

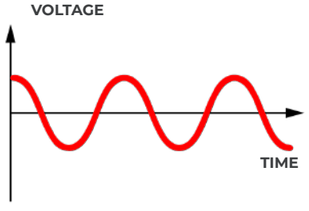
FAIL SAFE

The electri strike idle position is opened.

On receiving current the system locks allowing the door to be closed.

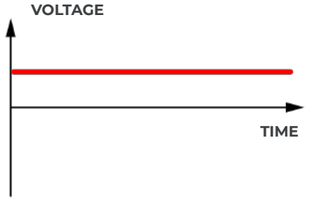
ALTERNATING CURRENT

Alternating current is the most used and widespread form of energy. This type of power supply is the one in which we hear the classic buzzing when power is supplied. This type of power supply is indicated for use by pulsing or short spaces of time (3,5,10 seconds).



DIRECT CURRENT

Direct current allows for a more silent supply and it is also the current indicated for applications that require continual or long periods of supply (400 - 500). It is also the current used in low-consumption electric strikes.



In direct current, the **%ED** or electrical load value needs explaining. It is a value indicated as a percentage that indicates the maximum powering time permitted so as not to damage the electricity system. DORCAS bases its %ED on a 10-minute cycle.
For example, if a strike is 20%ED, it means that the maximum electrical load cycle is 2 minutes with power, 8 minutes without power. 100%ED means that the electrical system can be powered uninterruptedly.

DST TECHNOLOGY

What is DST technology? At the R&D department we work on the development of new systems that provide products with more efficient and functional ways of working.

The DST (DORCAS SLIDING TECHNOLOGY) system ensures mechanical opening, both in normal type (fail secure) electric strikes and reversed (fail safe) electric strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not authorised.

THE TECHNOLOGY THAT CHANGES EVERYTHING.

TRADITIONAL TECHNOLOGY
SHORT BAR - LONG BAR

System in which we administer electricity and a coil moves the short bar, which releases the interlock with the long bar and allows the electric strike to open.

DST TECHNOLOGY
DORCAS SLIDING TECHNOLOGY

System in which electricity is administered, a coil pushes a sphere that allows the slider to move backwards so that the strike opens.

1 DST SYSTEM

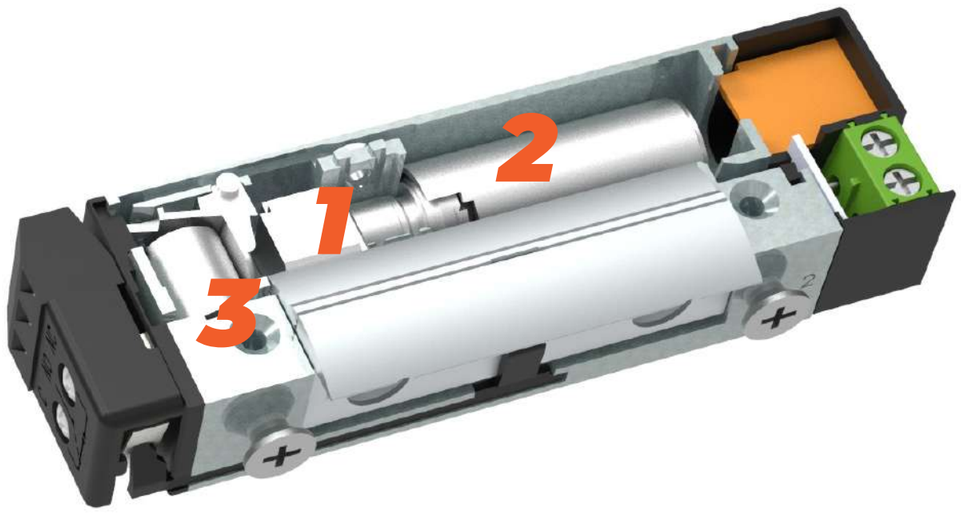
Innovative system that allows for opening with the preload.

2 MAIN COIL

The main coil is the one that receives the current, interacts with element 1, enabling the opening to be performed.

3 BACK-UP LOCKING

System with a second coil that ensures that the strike locks in the event of an unauthorised opening.



THE TECHNOLOGY THAT CHANGES EVERYTHING NEW

PRELOAD AT 20 KG.

Thanks to DST technology opening is possible with a preload of up to 20 kg.

FAIL SAFE

The FAIL SAFE version has a screw for regulating the opening force.

12VDC

FAIL SECURE

Another of the advantages of DST technology is that it admits preload both in FAIL SECURE and in FAIL SAFE.

12VDC

Currently 4 series of DORCAS electric strikes incorporate DST technology:

91 Series is a series developed for the Nordic market, it incorporates double monitoring (325), allowing to obtain the status signal of the door and of the internal locking system through a connector. **SF91 Series** retains all the advantages of the 91 series but is designed for fire doors.

100 Series is a electric strike of a very small size, just 16 mm wide. **SF100 Series** retains all the advantages of the 100 series but is designed for fire doors.

91 SERIES

SF91 SERIES

100 SERIES

SF100 SERIES

DORCAS
STANDARD

This series is well established in the market, they are the perfect resource, both for new installations, due to their functionality and simplicity, and for refitting.

DORCAS

STANDARD

31 SERIES

Our series that is well-established in the market, **perfect for replacement and refitting** of strikes already installed.

3	C	5	0	-	0	0	1 0	0

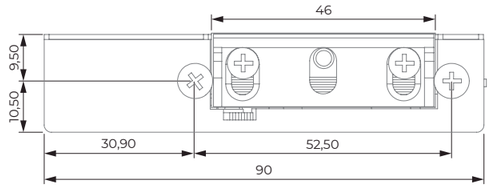
EN 14846-2008 - System 1

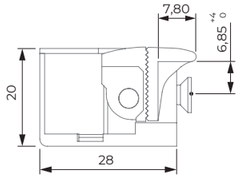
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	20 mm
Depth	28 mm
Latch insertion depth	7.80 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

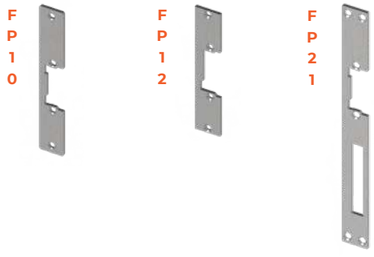
FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

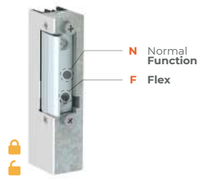
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

31 N

31 ND

31 NF

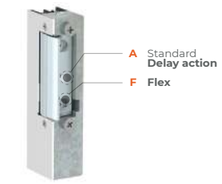


31 NDF

31 A

31 AD

31 AF

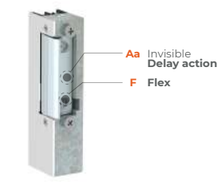


31 ADF

31 Aa

31 AaD

31 AaF



31 AaDF

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
					N	A			
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

45 SERIES

Series 45 stands out due to being symmetrical and reversible.

It offers very good **funcionality and simplicity**, both for new installations and for refitting.

3 C 5 0 - 0 0 10 0

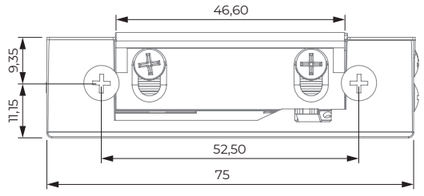
EN 14846-2008 - System 1

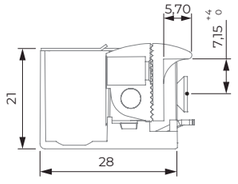
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75 mm / 82.80 mm (305)
Width	21 mm
Depth	28 mm
Latch insertion depth	5.70 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

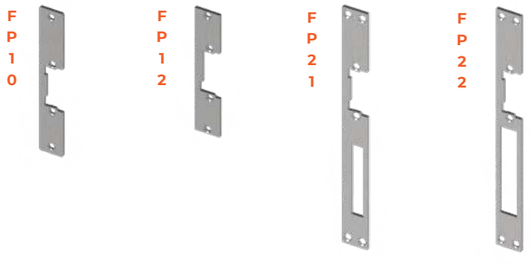
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



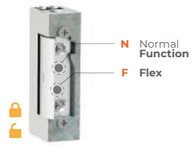
For more information on compatible faceplates, see page 160 et seq.

REGULATION

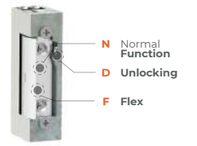
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

45 NF



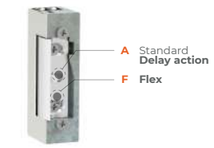
45 NDF



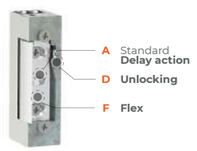
45 NF 305

45 NDF 305

45 AF

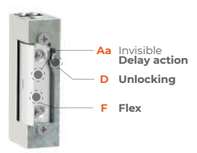


45 ADF



45 AaF

45 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

54 SERIES

In addition to being symmetrical and reversible its **small dimensions**, (67 mm high) make it ideal for both new construction and refitting in installations where the dimensions are small.

A version with an automatic sliding system (Ab) is available, which covers a wider operating range.

3	C	5	0	-	0	0	1 0	0

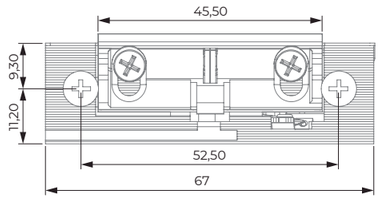
EN 14846-2008 - System 1

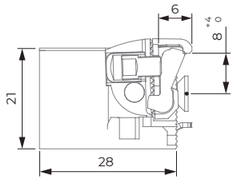
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm / 74.8 mm (305)
Width	21 mm
Depth	28 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

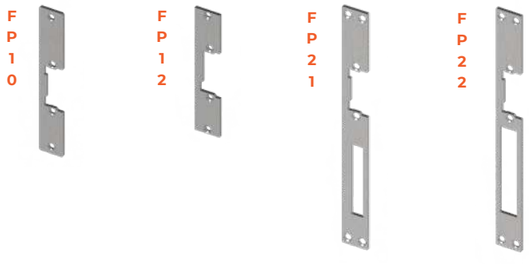
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

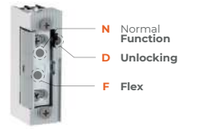
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

54 NF

Jaw option **A54+**

54 NDF

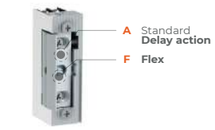


Jaw option **A54+**

54 NF 305

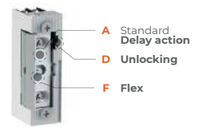
54 NDF 305

54 AF



Jaw option **A54+**

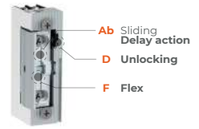
54 ADF



Jaw option **A54+**

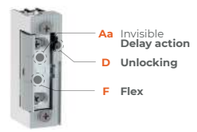
54 AbF

54 AbDF



54 AaF

54 AaDF



SPECIAL JAWS

A54+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

41 SERIES

Symmetrical and reversible series. Its small dimensions allow it to be installed perfectly integrated in most **European profiles** both aluminium and PVC.

SMALL SIZE

3	C	5	0	-	0	0	0	0

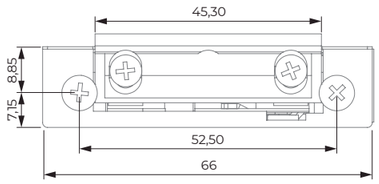
EN 14846-2008 - System 1

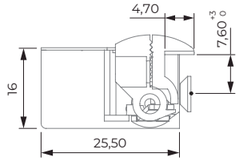
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm
Width	16 mm
Depth	25,50 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

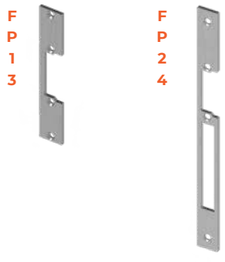
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



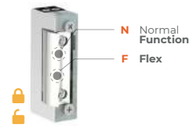
For more information on compatible faceplates, see page 160 et seq.

REGULATION

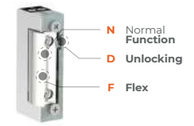
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

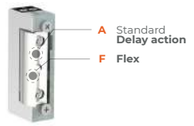
41 NF



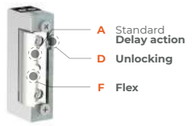
41 NDF



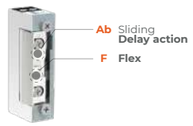
41 AF



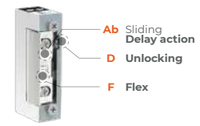
41 ADF



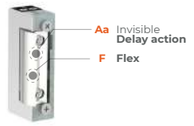
41 AbF



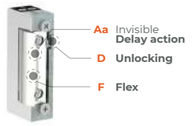
41 AbDF



41 AaF



41 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	30	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	400	200	210	110
MAX. PRELOAD OPEN AC (N)	200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

42 SERIES

Non-symmetrical series specific for installation in profiles.

Its small dimensions (16.5 mm wide) allow it to be installed perfectly integrated in most **European profiles** both aluminium and PVC.

AC-DC

INSTALLATION SPECIFICATIONS

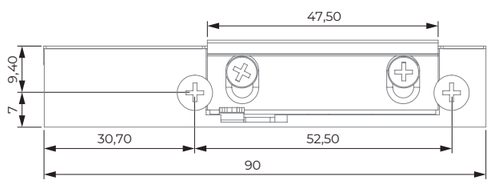
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	16.50 mm
Depth	28 mm
Latch insertion depth	5.8 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,450 N
Operating temperature	-25 / +50 °C

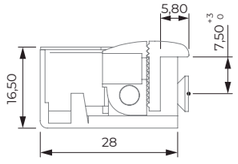
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES

FP11

FP24

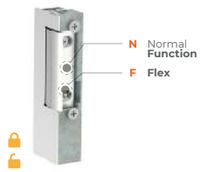
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

42 NF



42 NDF

42 AaF

42 AaDF

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
			N	A			
COIL RESISTANCE (Ω)	8	17	68	58	132	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	180	210	200	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

43 SERIES

Derived from the 42 series, the 43 series maintains the main characteristics but is equipped with **radial latch**, which allows optimising the rotation of the latch and therefore a more aesthetic installation is achieved, as the door frame requires a smaller dimensioned cut-out.

3	C	5	0	-	0	0	0	0

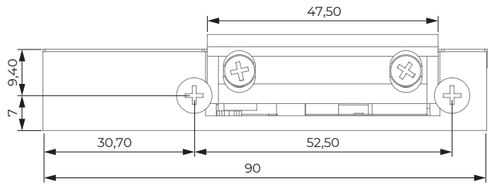
EN 14846-2008 - System 1

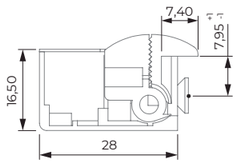
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	16.50 mm
Depth	28 mm
Latch insertion depth	7.4 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	2,750 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES

FP11

FP24

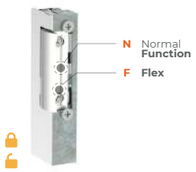
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

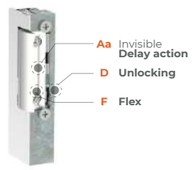
43 NF



43 NDF

43 AaF

43 AaDF



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
			N	A			
COIL RESISTANCE (Ω)	8	17	68	58	132	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	180	210	200	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

44 SERIES

Derived from the 45 series, the 44 series maintains the main characteristics but is equipped with **radial latch**, which allows optimising the rotation of the latch and therefore a more aesthetic installation is achieved, as the door frame requires a smaller dimensioned cut-out.

3	C	5	0	-	0	0	1 0	0

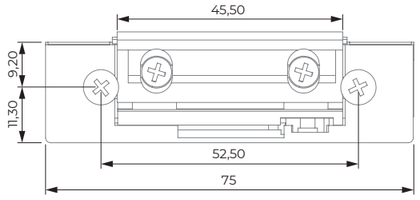
EN 14846-2008 - System 1

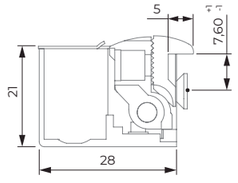
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm
Width	21 mm
Depth	28 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

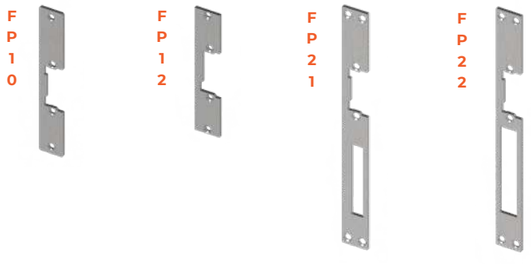
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

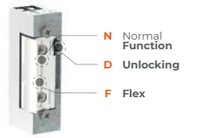
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

44 NF

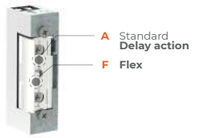
Jaw option **A44 U2**
Jaw option **A44 U2 0.5**

44 NDF

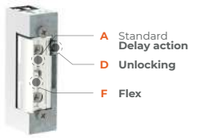


Jaw option **A44 U2**
Jaw option **A44 U2 0.5**

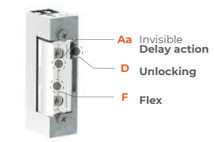
44 AF



44 ADF



44 AaDF



SPECIAL JAWS

A44 U2
Manufactured in NICKEL PLATED STEEL

A44 U2 0.5
Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

STANDARD

50 SERIES

Reinforced, symmetrical and reversible series. Its steel latch gives it a **breaking strength of 800 kg**, making it an excellent series for installations that require additional security, heavy doors or high traffic. It has a cable outlet to facilitate its installation.

REINFORCED

3	C	5	0	-	0	0	1 0	0

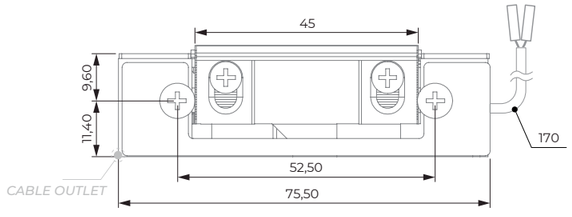
EN 14846-2008 - System 1

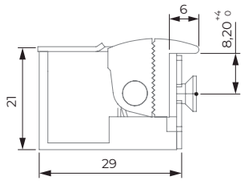
INSTALLATION SPECIFICATIONS

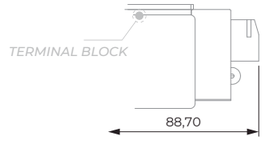
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75.50 / 88.70 (block) mm
Width	21 mm
Depth	29 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

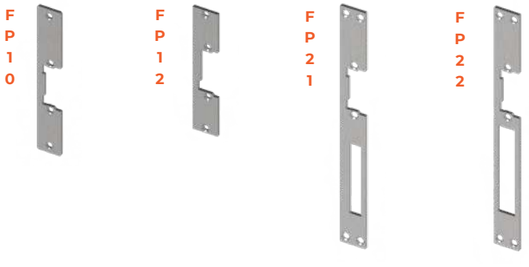
Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional







RECOMMENDED FACEPLATES



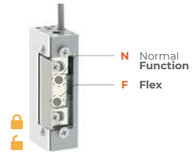
For more information on compatible faceplates, see page 160 et seq.

REGULATION

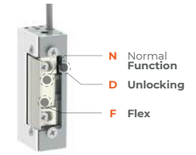
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

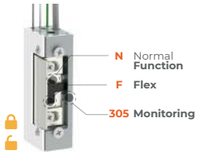
50 NF



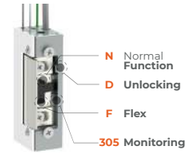
50 NDF



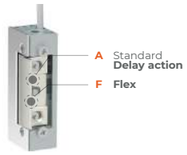
50 NF 305



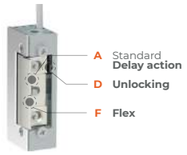
50 NDF 305



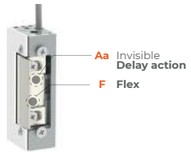
50 AF



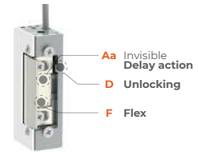
50 ADF



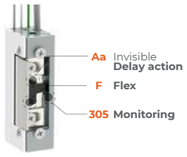
50 AaF



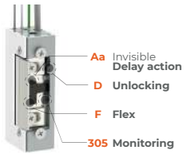
50 AaDF



50 AaF 305



50 AaDF 305



DORCAS offers in its 50 series the option of choosing the model with terminal block or cable outlet.

Terminal block Cable outlet

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB						
COIL RESISTANCE (Ω)	43	38	8	17	58	132	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

Ideal series to combine with rim without latch. Are installed directly on the surface of the frame.

DORCAS

RIM WITHOUT LATCH

20 SERIES

Reversible series for surface-mounted installations.

Ideal for combining with surface-mounted rim without latch. Are installed directly on the surface of the frame leaving the **screws visible.**

3	C	5	0	-	0	0	1 0	0

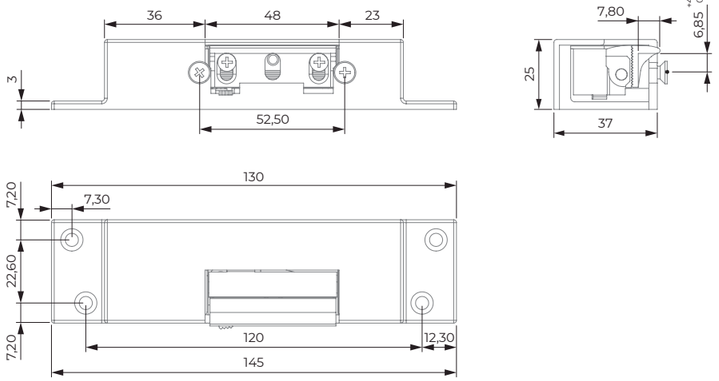
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	145 mm
Width	37 mm
Depth	25 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

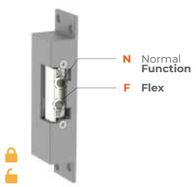
PLATED GREY BROWN

REGULATION

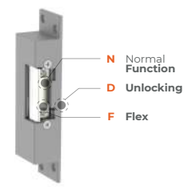
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

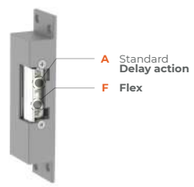
20 NF



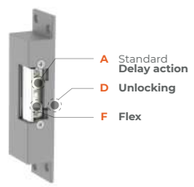
20 NDF



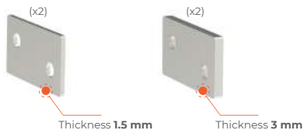
20 AF



20 ADF



The DORCAS 20 series incorporates 4 supplements to be added to the installation if necessary.



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE N	FAIL SECURE A	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

21 SERIES

Reversible series for surface-mounted installations.

Ideal for combining with surface-mounted rim without latch. Despite being a flush-mounted series, the **screws are concealed** when fitted.

3 C 5 0 - 0 0 1 0 0

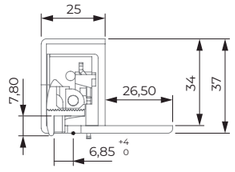
EN 14846-2008 - System 1

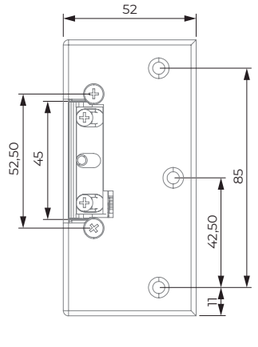
INSTALLATION SPECIFICATIONS

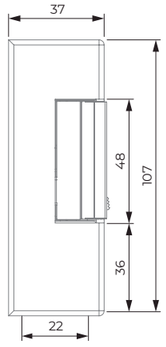
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	25 mm / 52 mm
Depth	37 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES

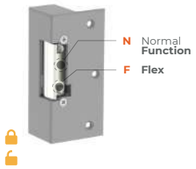
PLATED GREY BROWN

REGULATION

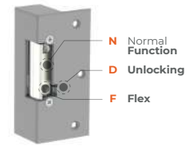
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

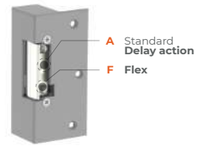
21 NF



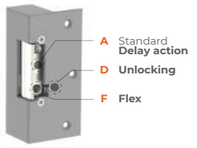
21 NDF



21 AF



21 ADF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE N	FAIL SECURE A	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

27 SERIES

RIM WITHOUT LATCH

Reversible series for surface-mounted installations. Unlike the 21 series, the casing is divided into two parts to enable its installation, **both surface-mounted and flush-mounted**, adding an faceplate only.

Ideal for combining with rim without latch. Despite being a surface-mounted series, the screws are concealed when fitted.

SURFACE-MOUNTED OR FLUSH-MOUNTED

3	C	5	0	-	0	0	1 0	0

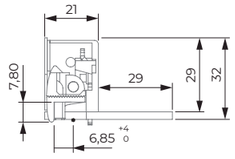
EN 14846-2008 - System 1

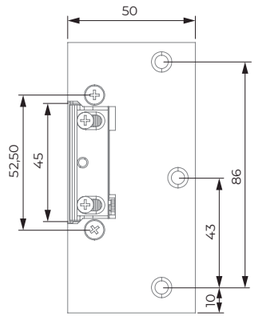
INSTALLATION SPECIFICATIONS

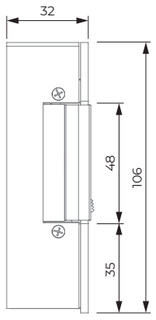
Type of installation	Surface-Mounted / Flush-Mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	25 mm / 52 mm
Depth	37 mm
Latch insertion depth	7.8 mm / 11.80 mm (Monoblock)
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Optional
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





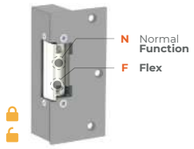


REGULATION

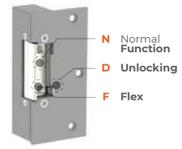
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

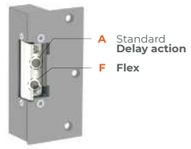
27 NF



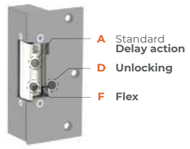
27 NDF



27 AF



27 ADF



The casing that incorporates the 27 series is divided into two pieces. With this design we can install the electric strike when we keep the casing, and when we detach the casing we have a flush-mounted strike, to which we would have to add an faceplate to complete the installation.

SURFACE-MOUNTED

FLUSH-MOUNTED

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SECURE	FAIL SAFE	FAIL SAFE
					N	A			
COIL RESISTANCE (Ω)	8	17	30	58	68	58	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	260	340	-	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	380	410	180	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-		-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITHOUT LATCH

INGERSOLL SERIES

Series developed specifically for automatic locking doors, interior or exterior, fitted with **Ingersoll SC-71 type locks.**

3	C	5	0	-	0	0	0	0

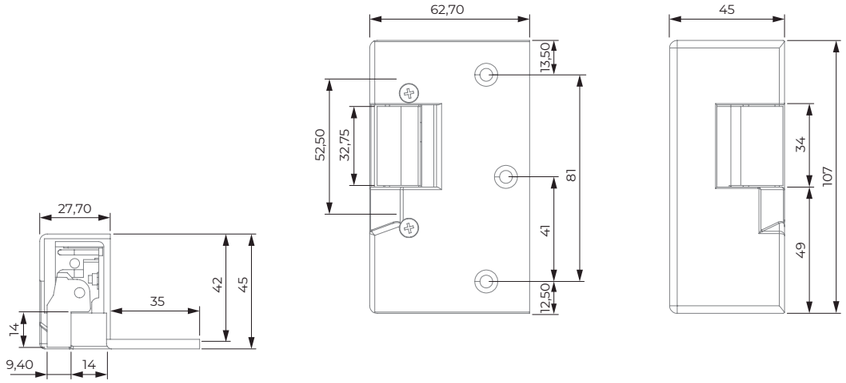
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	107 mm
Width	27.70 mm / 62.70 mm
Depth	45 mm
Latch insertion depth	14 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

PLATED

BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

INGERSOLL N

INGERSOLL ™ **SC71** Ingersoll cylinder locks combine the security of 10 levers with exceptional style. The bolt is automatically actuated when the door is closed and is withdrawn by means of the inside lever or the outside key. The handle is locked with an additional turn of the key from the outside. The bolt can be held back by means of a twist lock on the side of the case.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	180	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-		-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-		-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

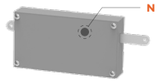
RIM WITHOUT LATCH

80 SERIES

Strike with chain. The best solution to quickly and cost-effectively automate the opening doors fitted with **surface locks with pull handle.**

MODELS

80 N



INSTALLATION SPECIFICATIONS

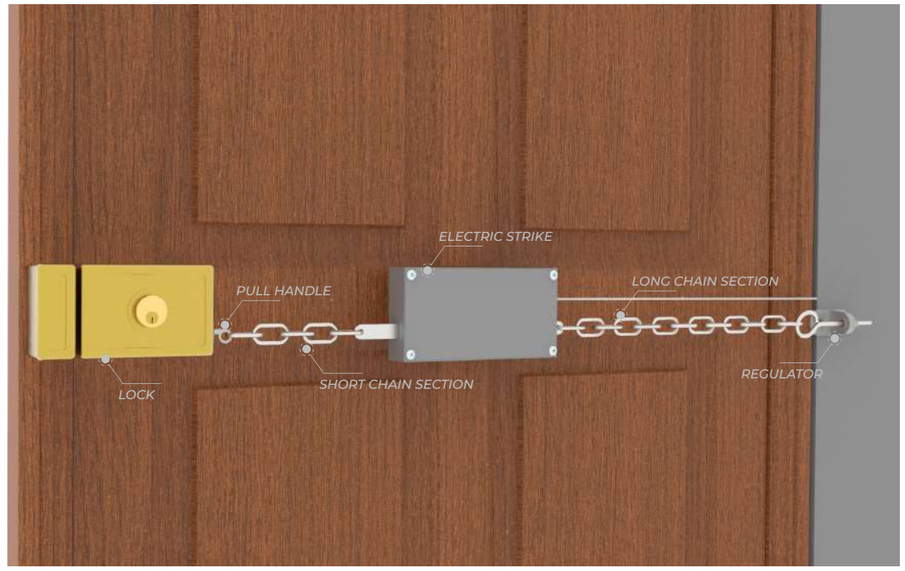
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	64.3 mm
Width	122 mm
Depth	24.3 mm
Latch insertion depth	-
Flex latch adjustment (F)	-
Electrically tested cycles	250,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

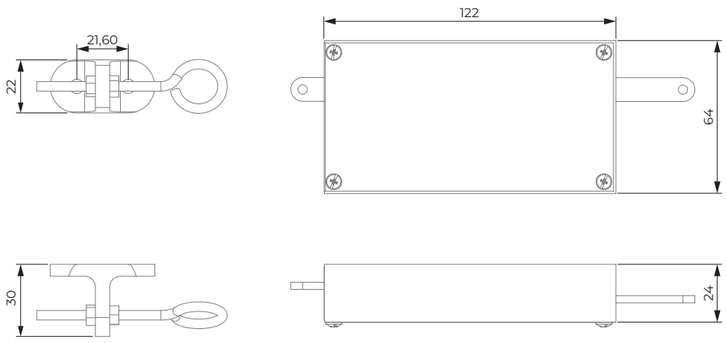
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional





REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

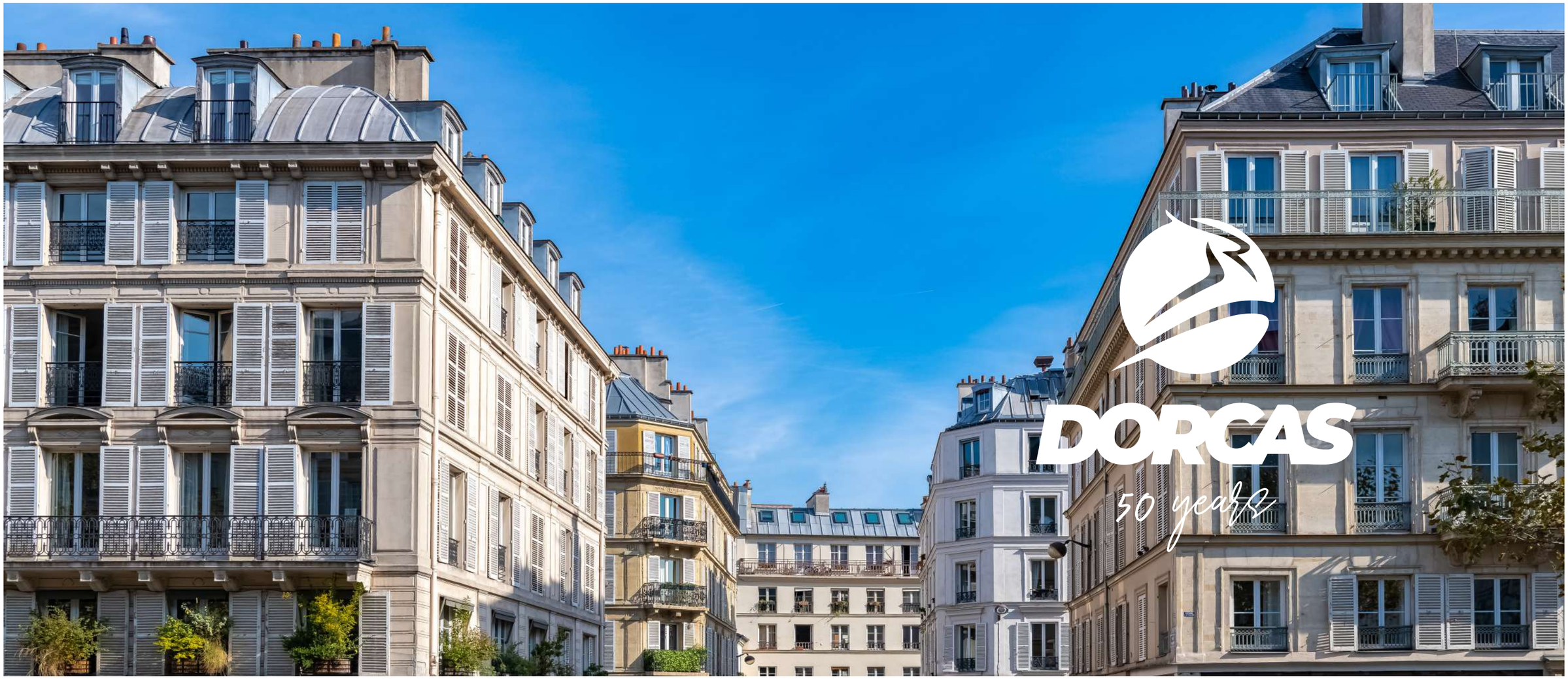
ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	8-12
	AC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	8
ELECTRICAL DUTY CYCLE (%ED)	20%ED
AC CURRENT CONSUMPTION (mA)	800 (8 V) 1200 (12 V)
DC CURRENT CONSUMPTION (mA)	-
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

Ideal series to combine with rim with latch. Are installed directly on the surface of the frame.



DORCAS

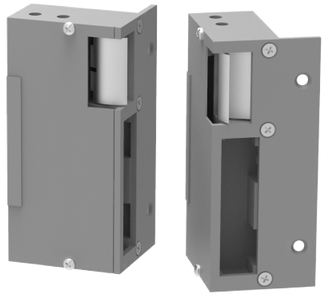
RIM WITH LATCH

23 SERIES

120 mm surface-mounted strikes with concealed fastening **for vertical bolt locks** with bolt of thickness 20 mm.

Weather resistant and therefore can be placed outdoors.

REVERSIBLE



3	C	5	0	-	0	0	0	0

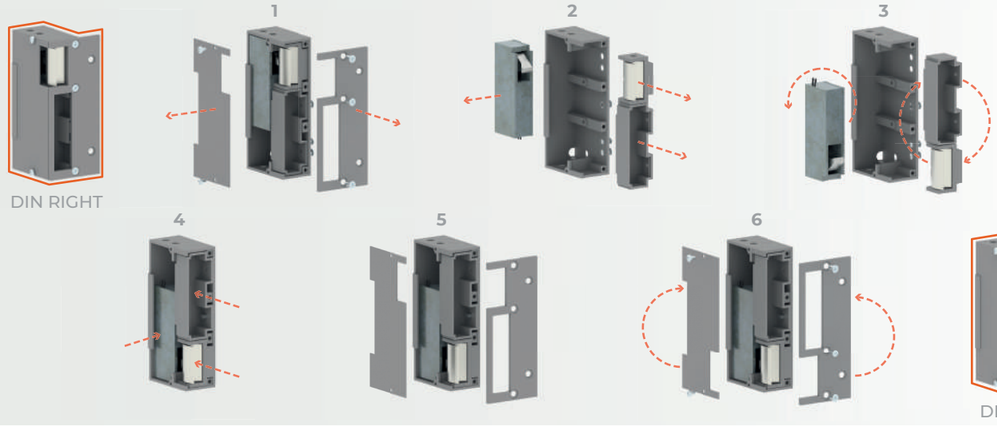
EN 14846-2008 - System 1

MODELS

23 N

23 Aa

The 23 series is **reversible**, for the change of hand we have to follow some simple steps:

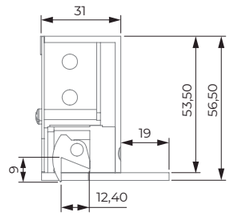


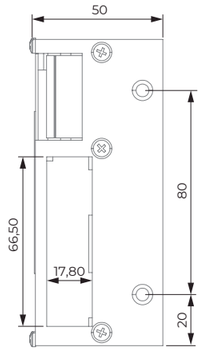
INSTALLATION SPECIFICATIONS

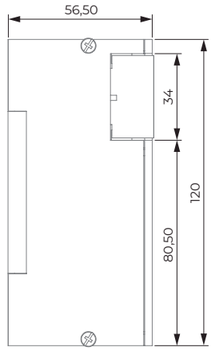
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	120 mm
Width	50 mm / 31 mm
Depth	56.50 mm / 53.50 mm
Latch insertion depth	9 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

FUNCTIONS

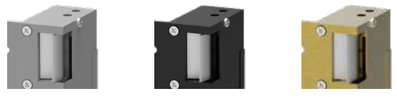
Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES



GREY BLACK BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	12-24	12	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	20	30	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	500 (12 V) 1000 (24 V)	260	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	600 (12 V) 1100 (24 V)	380	190	110
MAX. PRELOAD OPEN AC (N)	100	90	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

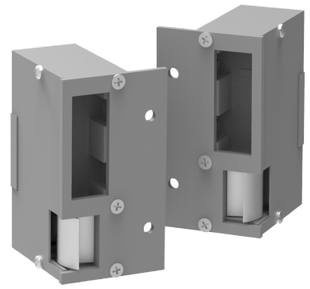
RIM WITH LATCH

24 SERIES

90 mm surface-mounted strikes with concealed fastening **for horizontal bolt locks** with bolt of thickness 20 mm.

Weather resistant and therefore can be placed outdoors.

REVERSIBLE

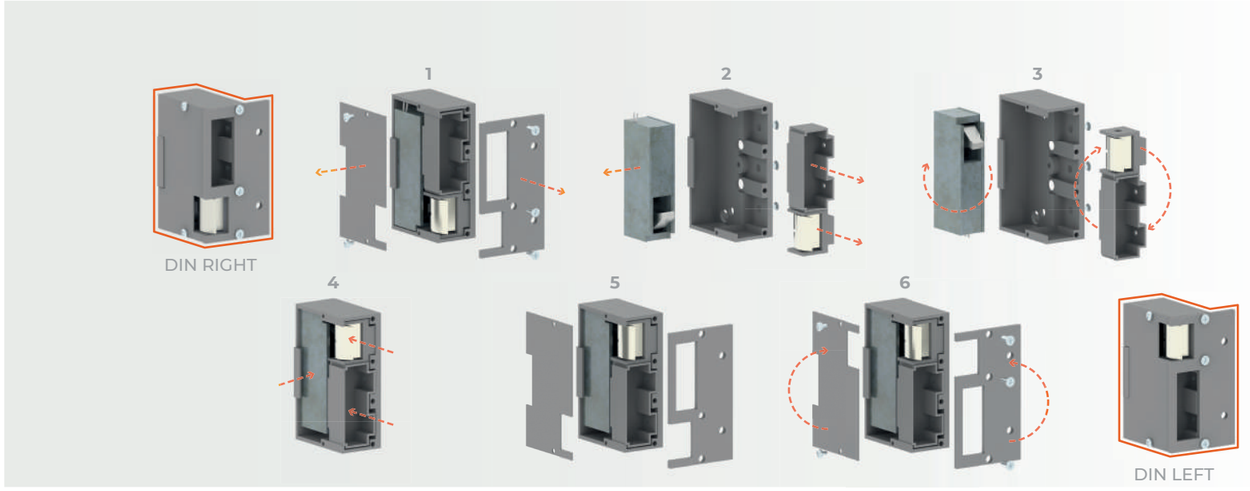


MODELS

24 N

24 Aa

The 24 series is **reversible**, for the change of hand we have to follow some simple steps:



INSTALLATION SPECIFICATIONS

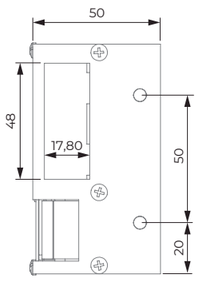
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	90 mm
Width	50 mm / 31 mm
Depth	56.50 mm / 53.50 mm
Latch insertion depth	9 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

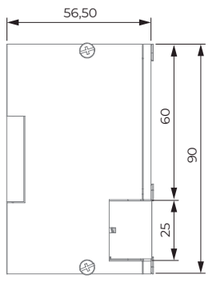
3	C	5	0	-	0	0	0	0

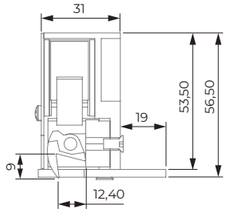
EN 14846-2008 - System 1

FUNCTIONS

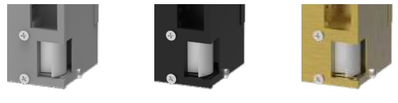
Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional







FINISHES



GREY BLACK BRONZE

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	12-24	12	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	20	30	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	100%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	500 (12 V) 1000 (24 V)	260	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	600 (12 V) 1100 (24 V)	380	190	110
MAX. PRELOAD OPEN AC (N)	100	90	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-

Maximum coil tolerance 5%.

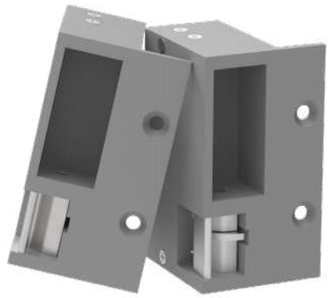
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

25 SERIES

Series for surface-mounted installations. Ideal for combining with surface-mounted **horizontal locks** with **bolt type 125.** Despite being a surface-mounted series, the screws are concealed when fitted.



INSTALLATION SPECIFICATIONS

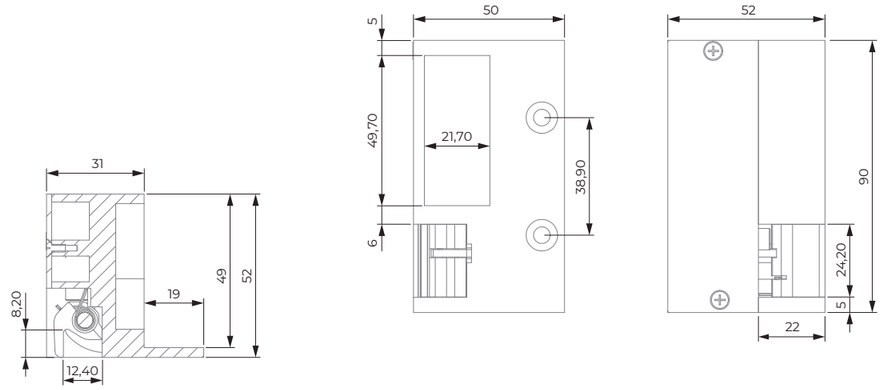
Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	90 mm
Width	50 mm / 31 mm
Depth	52 mm / 49 mm
Latch insertion depth	8.2 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

GREY BLACK BROWN

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

25 N

25 A

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12-24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	68	230	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	500 (12 V) 1000 (24 V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	600 (12 V) 1100 (24 V)	190	110	190	110
MAX. PRELOAD OPEN AC (N)	100	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	10	-	-	-	-

Maximum coil tolerance 5%.

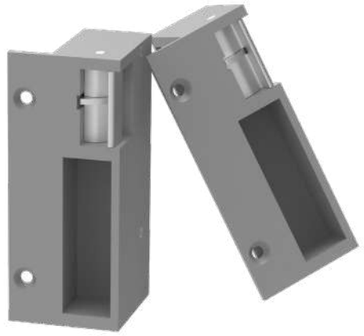
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

26 SERIES

Series for surface-mounted installations. Ideal for combining with surface-mounted **vertical locks** with **bolt type 56**. Despite being a surface-mounted series, the screws are concealed when fitted.



INSTALLATION SPECIFICATIONS

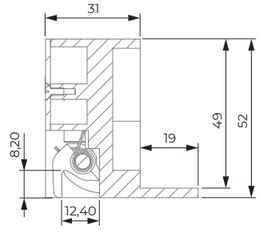
Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	96 mm
Width	54 mm / 33 mm
Depth	54 mm / 51 mm
Latch insertion depth	8.2 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

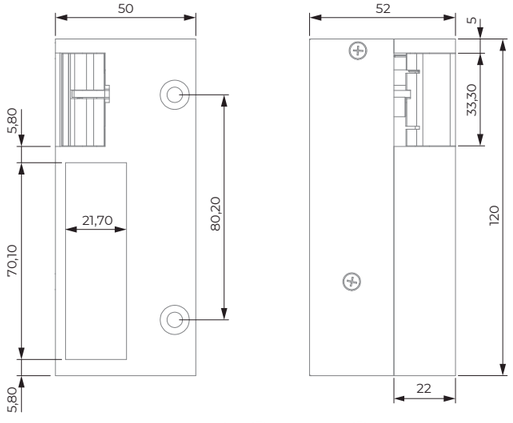
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional





FINISHES

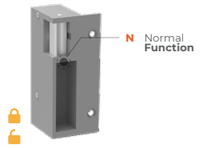
GREY BLACK BRONZE

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

26 N



26 A

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12-24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	30	68	230	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	500 (12 V) 1000 (24 V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	600 (12 V) 1100 (24 V)	190	110	190	110
MAX. PRELOAD OPEN AC (N)	100	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	10	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

RIM WITH LATCH

66 SERIES

Reversible **universal** series for surface-mounted installations.

It stands out for its great versatility, as it is compatible with the majority of surface-mounted locks on the market.

UNIVERSAL REVERSIBLE

3	C	5	0	-	0	0	0	0

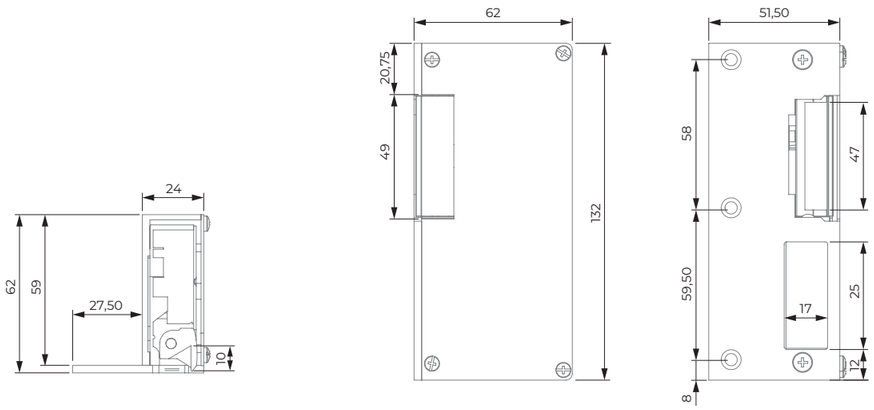
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	132 mm
Width	51.50 mm / 24.10 mm
Depth	62 mm / 59 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	250,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Yes
Microswitch (305)	No
Bidirectional diode	Optional



FINISHES

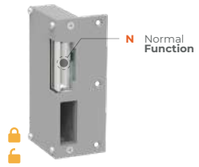
GREY BLACK BROWN

REGULATION

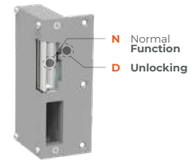
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

66 N

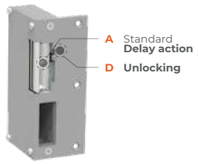


66 ND

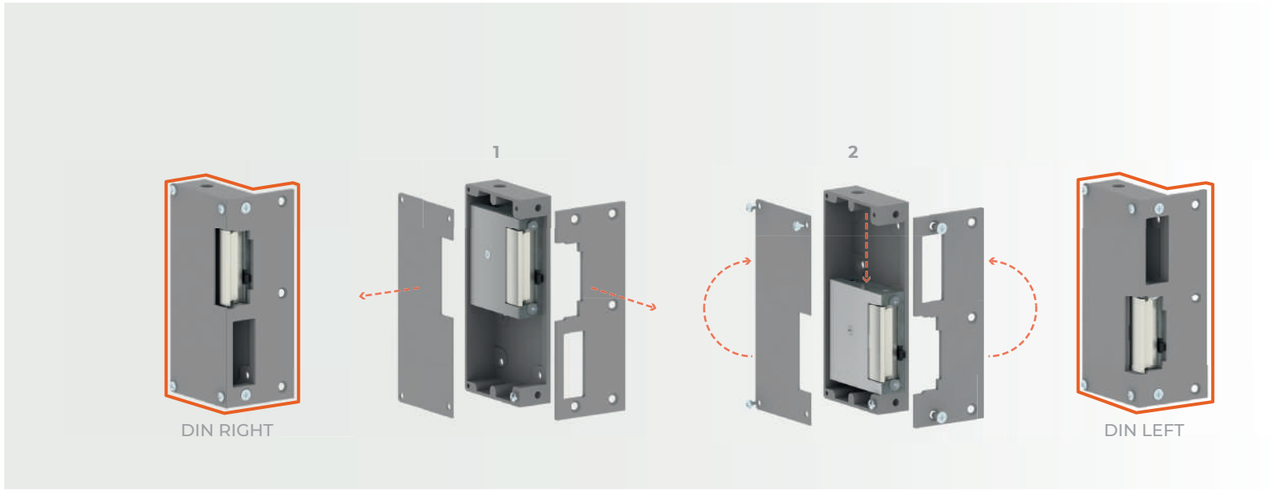


66 A

66 AD



The 66 series is **reversible universal**, is compatible with most locks on the market and to carry out the change of hand we have to follow some simple steps:



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-
	Maximum coil tolerance 5%.						
	%ED has been calculated in accordance with standard time of 10 minutes.						

DORCAS
SLIDING DOORS

Installing sliding doors is becoming more and more common, which is why DORCAS incorporates a range of specific strikes for such installations.

DORCAS

SLIDING DOORS

89 SERIES

Specific series for **sliding door or sliders**. Easy to install and operate. As well as the electrical actuation, it also allows manual opening with a key cylinder.

Electrical operation can be fail safe or fail secure.

3 C 5 0 - 0 0 0 0

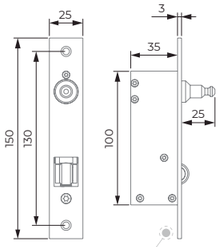
EN 14846-2008 - System 1

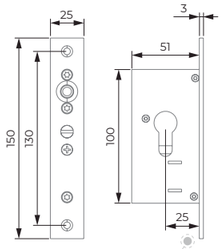
INSTALLATION SPECIFICATIONS

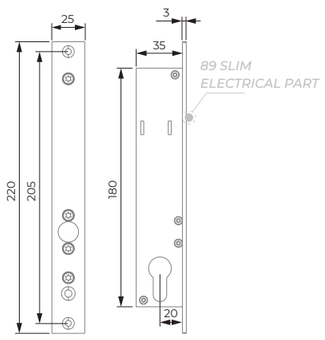
Type of installation	Flush-mounted / Surface-mounted
Reversible	Yes
Symmetrical	No
Height (Mechanical)	100 mm
Height (Electrical)	100 mm / 180 mm (SLIM)
Width (Mechanical)	20 mm
Width (Electrical)	20 mm
Depth (Mechanical)	35 mm
Depth (Electrical)	51 mm / 35 mm (SLIM)
Electrically tested cycles	200,000
Break-in resistance	7,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional







SURFACE-MOUNTED CASING

DORCAS has surface-mounted casings, both for the normal version and for the slim version.

REGULATION

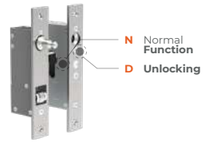
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

CONVENIENT AND SECURE! NEW

MODELS

89 N

89 ND



89 N SLIM

DORCAS provides or offers or counts with a **slim** version, which is dimensionally suitable (35 mm deep) for aluminium profiles with narrow frames.

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

	89		89 SLIM	
VOLTAGE RANGE	12	24	12	24
	AC-DC	AC-DC	AC-DC	AC-DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	17	58	17	58
ELECTRICAL DUTY CYCLE (%ED)	20%ED	20%ED	20%ED	20%ED
AC CURRENT CONSUMPTION (mA)	525	340	525	340
DC CURRENT CONSUMPTION (mA)	700	410	700	410
MAX. PRELOAD OPEN AC (N)	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-
	Maximum coil tolerance 5%.		Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.		%ED has been calculated in accordance with standard time of 10 minutes.	

89 SLIM	
12(512)	24(524)
DC	DC
FAIL SAFE	FAIL SAFE
34	150
100%ED 12 VDC	100%ED 24 VDC
-	-
360	160
-	-
4000	4000

DORCAS
GLASS DOORS

Our series of special strikes for glass doors, models for 1 or 2 leaves. From strikes that are installed in the frame to strikes that are installed directly on the door leaf.

DORCAS

GLASS DOORS

34 SERIES

Symmetrical and reversible series. Its **small and special dimensions** make it a specific series to be incorporated in fitting for glass doors.

INSTALLATION SPECIFICATIONS

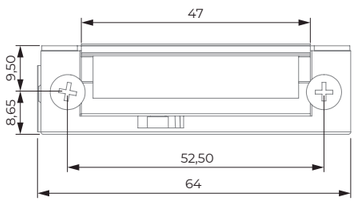
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	64 mm
Width	28.20 mm
Depth	55 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

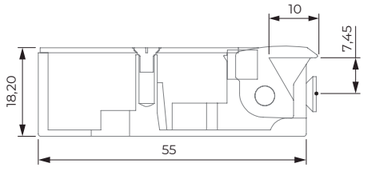
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

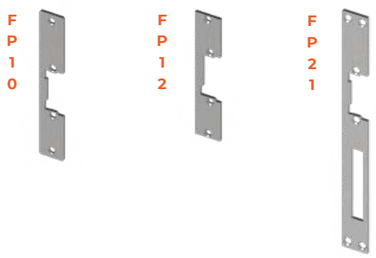
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

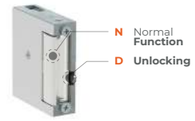
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

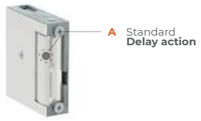
MODELS

34 N

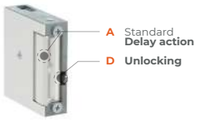
34 ND



34 A



34 AD



The 34 series is ideal to be incorporated in fitting for glass doors:

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

GLASS DOORS

83 SERIES

Special series that offers a unique solution for **double leaf glass doors**. It consists of a mechanical lock and an electric strike which are surface mounted by inserting the glass leaf (up to 12 mm thick). In addition to the electric opening, it allows a handle to be installed on the inside of the mechanical part.

3	C	5	0	-	0	0	0	0

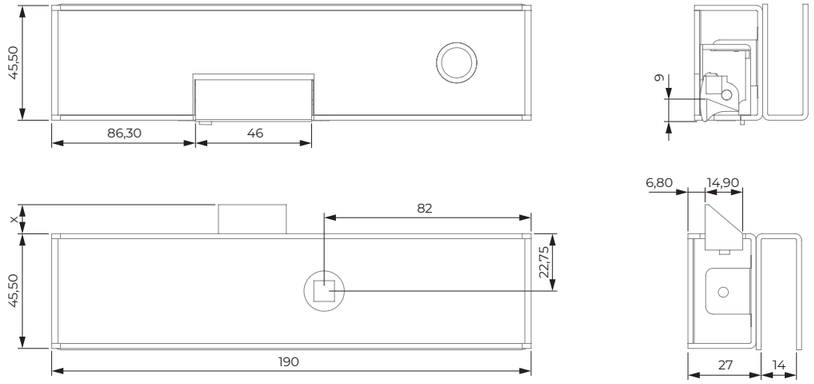
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	190 mm
Width	27 mm / 45 mm
Depth	45.50 mm
Latch insertion depth	7.80 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

83 NF

- **N** Normal **Function**
- **F** **Flex**

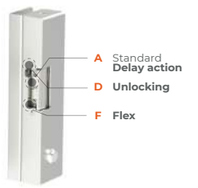
83 NDF

- **N** Normal **Function**
- **D** **Unlocking**
- **F** **Flex**

83 AF

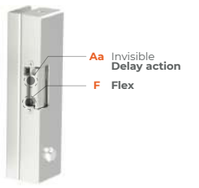
- **A** Standard **Delay action**
- **F** **Flex**

83 ADF



- **A** Standard **Delay action**
- **D** **Unlocking**
- **F** **Flex**

83 AaF



- **Aa** Invisible **Delay action**
- **F** **Flex**

83 AaDF

- **Aa** Invisible **Delay action**
- **D** **Unlocking**
- **F** **Flex**

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

GLASS DOORS

87 SERIES

Special series for installation on **glass doors with frame**. Doesn't need a mechanical lock, as its hinged latch holds the glass leaf directly. (maximum thickness 12 mm).

INSTALLATION SPECIFICATIONS

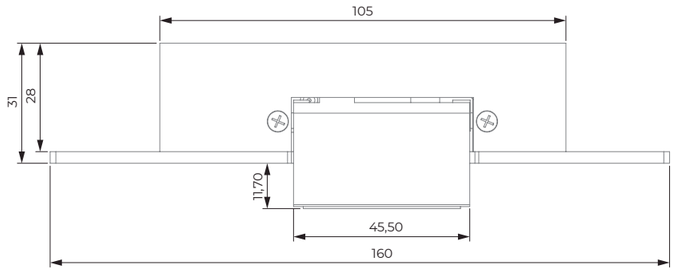
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	105 mm
Width	20 mm
Depth	28 mm
Latch insertion depth	11 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,550 N
Operating temperature	-25 / +50 °C

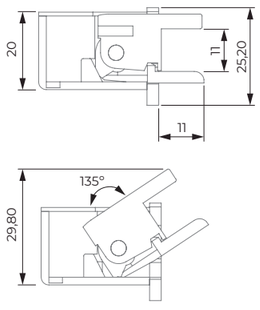
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	No
Bidirectional diode	Optional





REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

87 N

87 Aa

Series 87 can be installed both on the top part of the frame and on its side:

TOP INSTALLATION

LATERAL INSTALLATION

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	68	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
TIMED

Thanks to the automatic timed function, the system is secured against unwanted intrusions due to error or accident.

DORCAS

TIMED

56 SERIES

Symmetrical and reversible series with heightened security thanks to the **automatic timing function**. Its system remains unlocked for a time proportional to the duration of the power supply, after which it is locked again to prevent unwanted access.

3	C	5	0	-	0	0	0	0

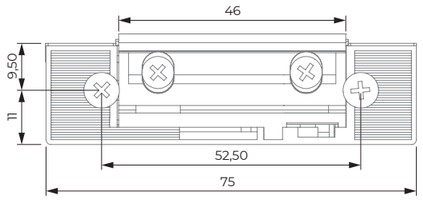
EN 14846-2008 - System 1

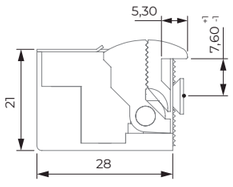
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75 mm
Width	21 mm
Depth	28 mm
Latch insertion depth	5.30 mm
Flex latch adjustment (F)	+1 -1 mm
Electrically tested cycles	200,000
Break-in resistance	3,000 N
Operating temperature	-25 / +50 °C

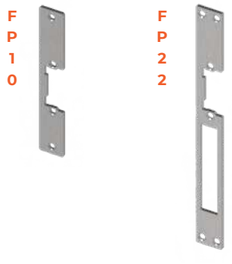
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



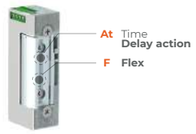
For more information on compatible faceplates, see page 160 et seq.

REGULATION

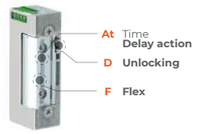
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

56 AtF

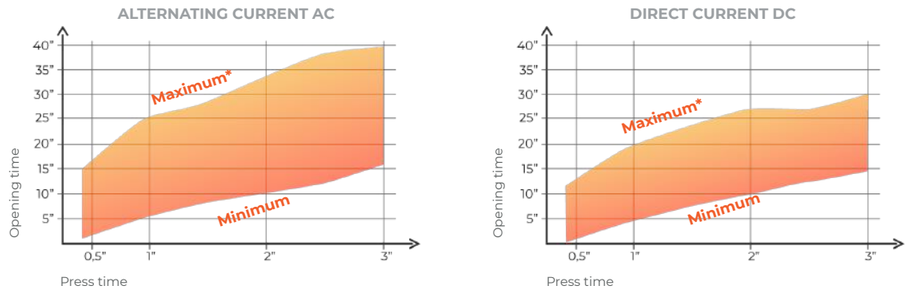


56 AtDF



The time it gives us to enter depends on the duration of the press; for a 1-second press, we will have from 25 seconds of opening (AC), up to a maximum of 40 seconds.

MORE SECURE



The maximum opening times occur when the time between one press and another is less than 7 minutes.
Press times of over 3 seconds are not recommended.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-12
	AC-DC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	30
ELECTRICAL DUTY CYCLE (%ED)	TIMED
AC CURRENT CONSUMPTION (mA)	650 (12 V)
DC CURRENT CONSUMPTION (mA)	650 (12 V)
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

AMERICAN MARKET

Specially designed series for the American market, where the locks have wider faceplates and a deeper and longer latch than usual.

DORCAS

AMERICAN MARKET

46 SERIES

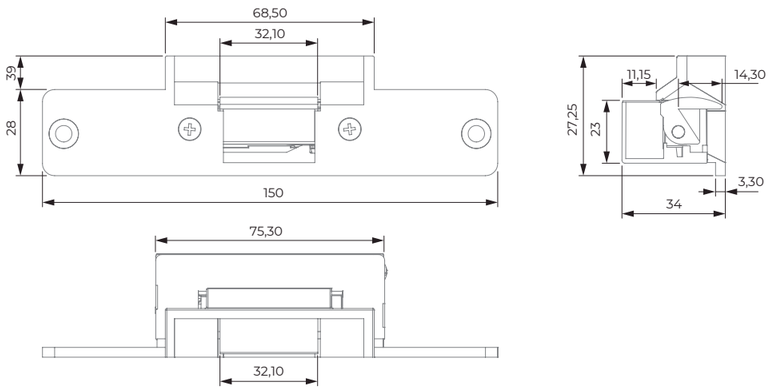
Symmetrical and reversible series, designed to be combined with **ANSI type locks**. Its body of length 75 mm means that it is mainly aimed at tubular type locks.

3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75.30 mm / 83.20 mm (305)
Width	39.30 mm
Depth	34 mm
Latch insertion depth	14.30 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	3,450 N
Operating temperature	-25 / +50 °C



FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional

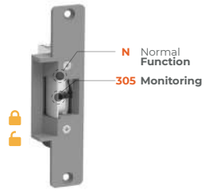
REGULATION

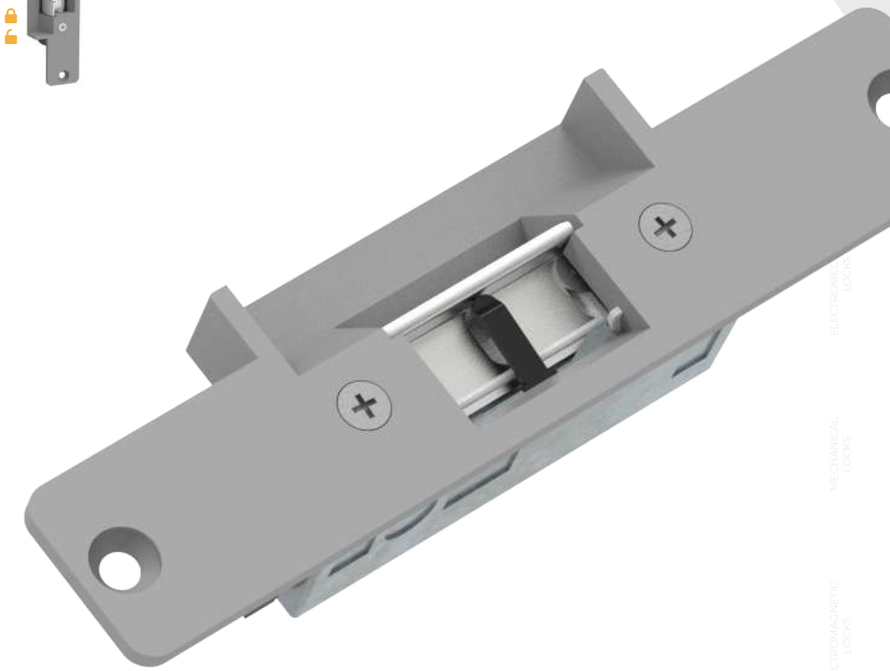
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

46 N

46 N 305





For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	8-16	14-24	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	DC	AC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	45	58	68	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	370 (8 V) 750 (12 V)	-	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	470 (8 V) 940 (12 V)	260 (14V)	-	180	200	210	110
MAX. PRELOAD OPEN AC (N)	200N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

AMERICAN MARKET

47 SERIES

Symmetrical and reversible series, to be combined with **ANSI type locks**. Its latch of special length and depth make it ideal for American locks. Also, its lateral add-on makes it difficult to manipulate from the outside.

INSTALLATION SPECIFICATIONS

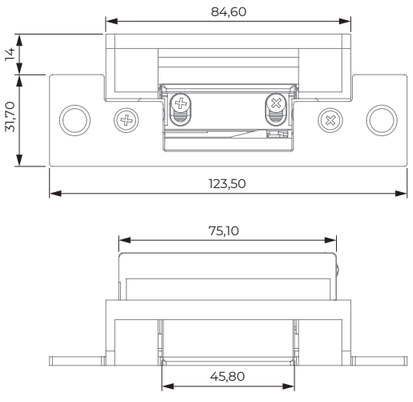
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	123.50 mm
Width	45.70 mm
Depth	39 mm
Latch insertion depth	13.70 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,450 N / 4,000 N (Reinforced)
Operating temperature	-25 / +50 °C

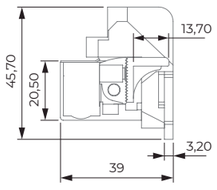
3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional



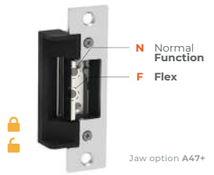


REGULATION

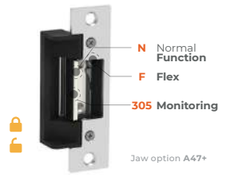
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

47 NF



47 NF 305



SPECIAL JAWS

A47+

Manufactured in NICKEL PLATED STEEL.

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	8-16	14-24	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	DC	AC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	45	58	68	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	370 (8 V) 750 (12 V)	-	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	470 (8 V) 940 (12 V)	260 (14V)	-	180	200	210	110
MAX. PRELOAD OPEN AC (N)	200N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-
	Maximum coil tolerance 5%						
	%ED has been calculated in accordance with standard time of 10 minutes.						

DORCAS

AMERICAN MARKET

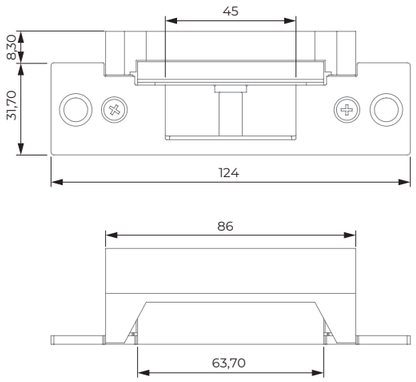
57 SERIES

Symmetrical and reversible series, to be combined with **ANSI type locks**. Its latch of special length and depth make it ideal for American locks. Also, its lateral add-on makes it difficult to manipulate from the outside.

Its operation can be changed from fail secure to fail safe by turning a screw.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	124 mm
Width	45.70 mm
Depth	39 mm
Latch insertion depth	13.70 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,450 N
Operating temperature	-25 / +50 °C



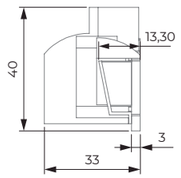
FAIL SECURE & FAIL SAFE

3	C	5	0	-	0	0	1	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Yes
Bidirectional diode	Optional



REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

57 N 305

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

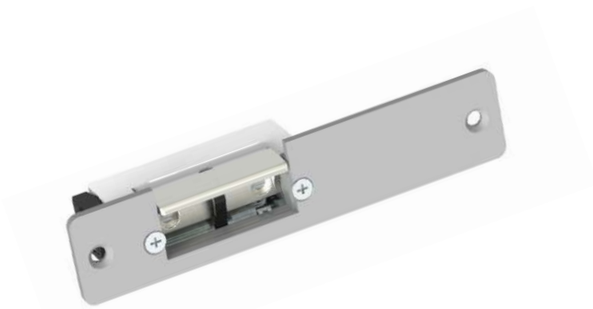
VOLTAGE RANGE	12-24
	DC
FUNCTIONMENT	FAIL SECURE FAIL SAFE
COIL RESISTANCE (Ω)	43 + 170
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12/24 VDC
AC CURRENT CONSUMPTION (mA)	-
DC CURRENT CONSUMPTION (mA)	280 (12 V) 140 (24 V)
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

AMERICAN MARKET

84 SERIES

Symmetrical and reversible series to be combined with wide-faceplate American locks and a **deeper and longer latch than usual.**



INSTALLATION SPECIFICATIONS

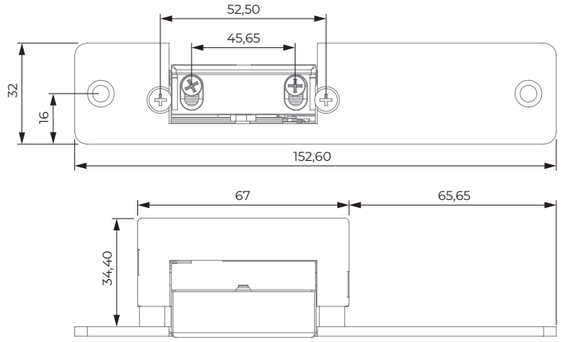
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm
Width	20.50 mm
Depth	34.40 mm
Latch insertion depth	12.30 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	3,450 N
Operating temperature	-25 / +50 °C

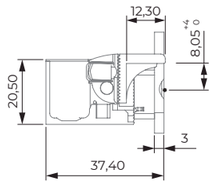
3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional



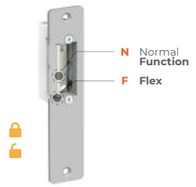


REGULATION

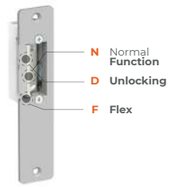
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

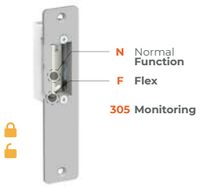
84 NF



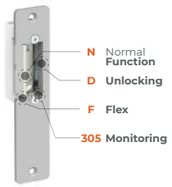
84 NDF



84 NF 305

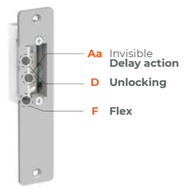


84 NDF 305



84 AaF

84 AaDF



For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	38	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	200N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS NORDIC MARKET

Series designed and built for Nordic style doors. Thanks to the materials it is made from and its structure, it withstands a very high retention force.

It incorporates our innovative DST technology, which guarantees opening in preload situations up to 20 kg.

DORCAS

NORDIC MARKET

91 SERIES

Both the FAIL SECURE and FAIL SAFE versions feature a single **12-24 VDC power supply**, requiring very low power consumption (0.5 A).

It incorporates double monitoring (305 and 325), allowing a signal to be obtained on the status of the door and of the internal locking system by means of a connector.

20 KG FAIL SAFE FAIL SECURE · 12/24 VDC

3 C 5 0 - 0 0 1 0 0

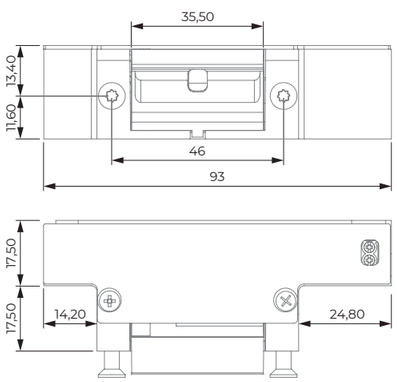
EN 14846-2008 - System 1

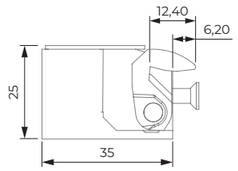
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	93 mm
Width	25 mm
Depth	35 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	8,000 N
Operating temperature	-25 / +50 °C

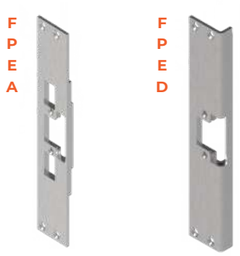
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

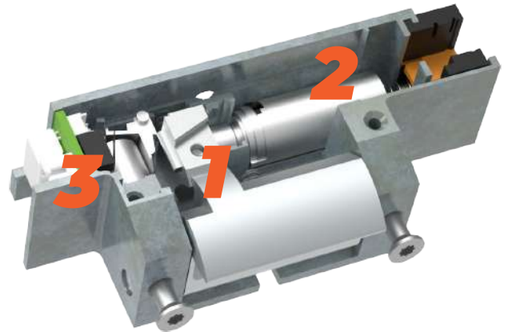
PRELOAD IN FAIL SAFE NEW

MODELS

91 N 325

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING



DST

The FAIL SAFE version has a screw for regulating the opening force.

PATENTED DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12-24 DC	12-24 DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	30	30
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	480 (12 V) 320 (24 V)	480 (12 V) 320 (24 V)
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

DORCAS

NORDIC MARKET

SF91 SERIES

The SF91 series conserves all the advantages of the 91 series but is designed for **RF doors**. It is able to open wth a preload of up to 20 kg.

Developed for Scandinavian style doors.

3 X 2 F - 0 0 1 0 0

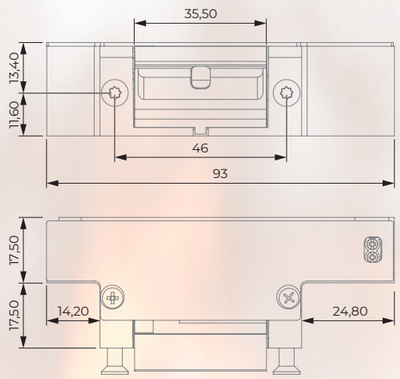
EN 14846-2008 - System 1

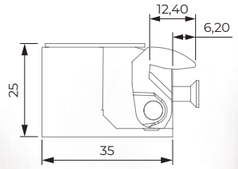
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	93 mm
Width	25 mm
Depth	35 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	8,000 N
Operating temperature	-25 / +50 °C

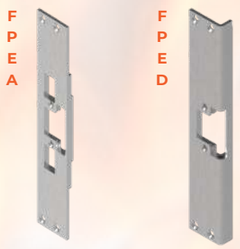
FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

PRELOAD IN FAIL SAFE FOR RF DOORS

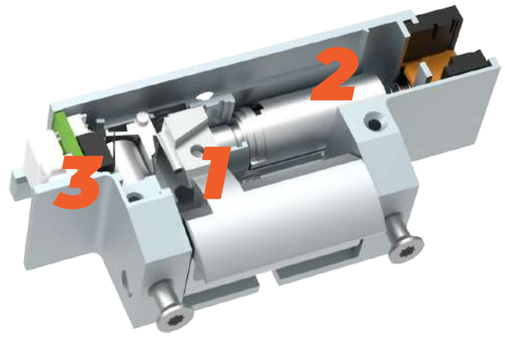
NEW

MODELS

SF91 N 325

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING



DST

The FAIL SAFE version has a screw for regulating the opening force.

PATENTED DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12-24 DC	12-24 DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	30	30
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	480 (12 V) 320 (24 V)	480 (12 V) 320 (24 V)
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

NORDIC MARKET

54 SCAN SERIES

Derived from the 54 series, symmetrical and reversible, it has **small dimensions** (67 mm high). It has been designed and built for Scandinavian style doors.

Ideal both for new construction and refitting in installations where the dimensions are small.

3	C	5	0	-	0	0	1 0	0

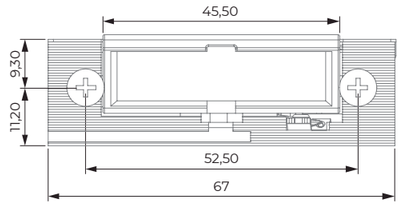
EN 14846-2008 - System 1

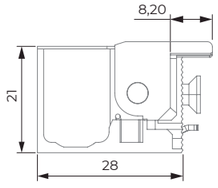
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	67 mm / 74.8 mm (305)
Width	21 mm
Depth	28 mm
Latch insertion depth	8.20 mm
Flex latch adjustment (F)	No
Electrically tested cycles	200,000
Break-in resistance	3,250 N
Operating temperature	-25 / +50 °C

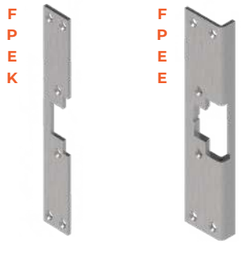
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

54 SCAN N

54 SCAN ND

54 SCAN N 305

54 SCAN ND 305

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	35	8	17	58	38	132	58	240
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	230 (10 V) 270 (12 V) 540 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	290 (10 V) 350 (12 V) 690 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	320	200	210	110
MAX. PRELOAD OPEN AC (N)	60N (12 V)		200N (12 V)	200N (12 V)	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	30N (12 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS WATERPROOF

Conceived for exterior installations which can be affected by water action. Thanks to the design and the components we obtain a watertight series (IP65).

DORCAS

WATERPROOF

62 SERIES

Non-reversible **waterproof (IP65)** series. Ideal for outdoor installations thanks to its watertight seal and an internal partition to prevent water and dust penetration.

As an option, we have watertight unlocking system.

INSTALLATION SPECIFICATIONS

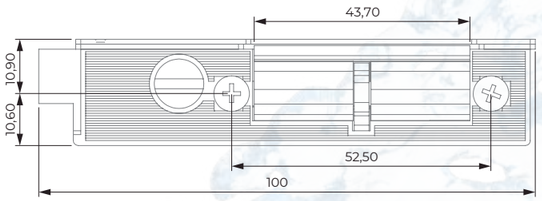
Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	100 mm
Width	21.50 mm
Depth	37 mm
Latch insertion depth	7.70 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	4,000 N
Operating temperature	-25 / +50 °C

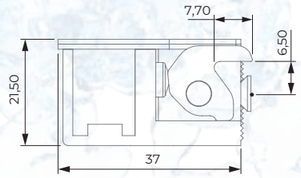
3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

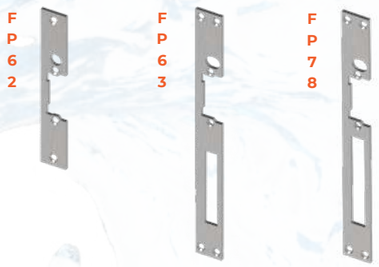
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

62 N

62 ND

62 Aa

62 AaD

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	120N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
FIRE RESISTANCE

Series specifically designed for installation and use in fire doors, with RF (fire resistance) and EI 120 (integrity and watertightness) homologation according to UNE-EN 1634-1:2000.

Dorcas offers an EC certified range according to standard EN 14846 endorsed by the D.O.P

DORCAS

FIRE RESISTANCE

52 SERIES

Series developed for fire doors, symmetrical and reversible. CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

It also has maximum breakage resistance of 1,000 kg and has a cable outlet to facilitate its installation.

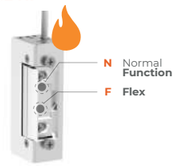
3	C	2	F	-	0	0	1 0	0

EN 14846-2008 - System 1

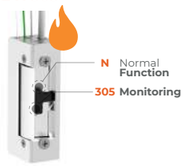
MODELS

52 N

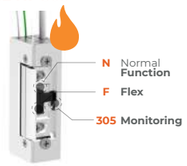
52 NF



52 N 305



52 NF 305



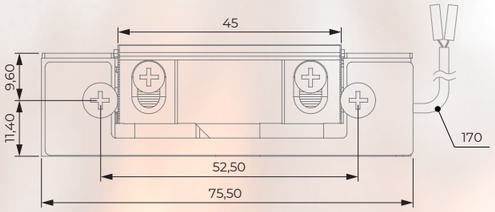
INSTALLATION SPECIFICATIONS

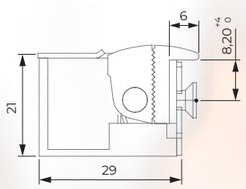
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	75.5 mm
Width	21 mm
Depth	29 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+4 -0 mm
Electrically tested cycles	200,000
Break-in resistance	9,850 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional

CERTIFICATION The 52 series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.





ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)
	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	8	17	58	43	220
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	280	120
MAX. PRELOAD OPEN AC (N)	200N (12 V)	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-
CE MARKING FOR RF DOORS	Yes	Yes	Yes	Yes	Yes

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

RECOMMENDED FACEPLATES

FP12

FP22

For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

EVACUATION ROUTES

Door release design intended for installation on security and emergency doors, emergency situations where a preload is often exerted on the door, making it difficult or impossible to open.

Manufactured both for the European market and for the American market.

DORCAS

EVACUATION ROUTES

77 SERIES

Special series for evacuation routes. Its system allows **unlocking with loads of up to 450 kg**. Compliance with standard UNE-EN 13637 and NFS 61937. Version available with a status signal (305) or double status signal (325).

PI1

We recommend installing the 77 series strike with latch PI1

450 Kg | NFS 61-937

3	7	6	0	1	0	4	4	0	0	B

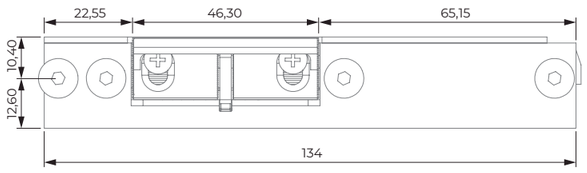
UNE EN 13637:2016

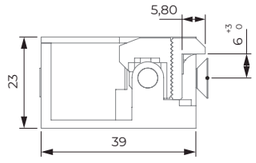
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23.20 mm
Depth	39 mm
Latch insertion depth	5.80 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,450 N
Operating temperature	-25 / +50 °C

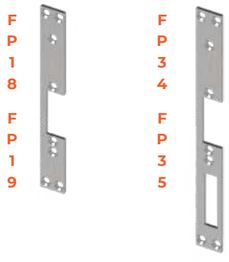
FUNCTIONS

Flex latch	Yes
Monoblock latch	Optional
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



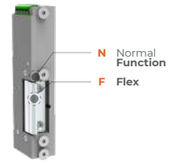
For more information on compatible faceplates, see page 160 et seq.

REGULATION

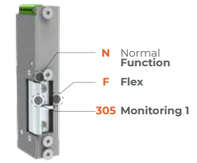
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

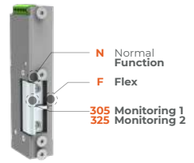
77 NF



77 NF 305



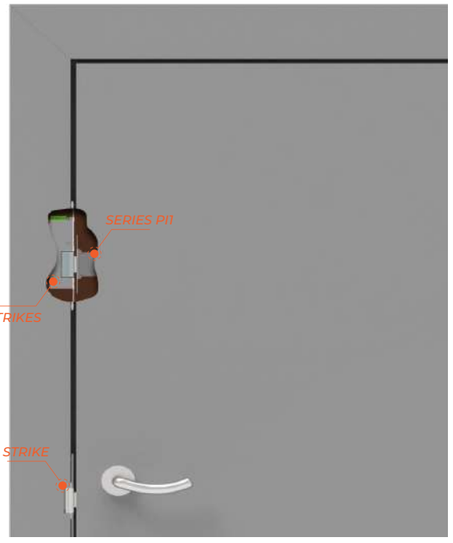
77 NF 325



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT | DIN RIGHT

FAIL SAFE



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512)	24(524)	48(548)
	DC	DC	DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

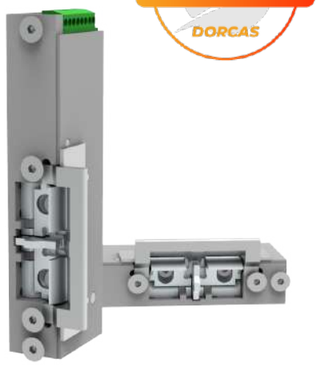
DORCAS

EVACUATION ROUTES

777 SERIES

Series that optimises the 77 series while keeping the opening with up to 450 kg load. Its upgrades consist of a **radial latch** and a **TOP system**.

Also available with a status signal (305) or double status signal (325).



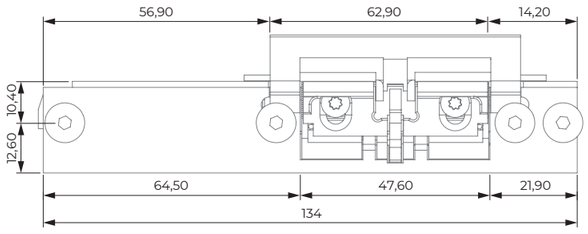
DORCAS TOP SYSTEM · 450 Kg · NFS 61-937 · RADIAL

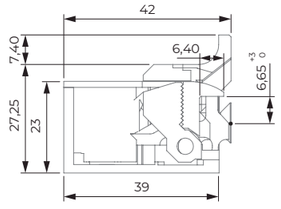
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	34.65 mm
Depth	39 mm
Latch insertion depth	6.40 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

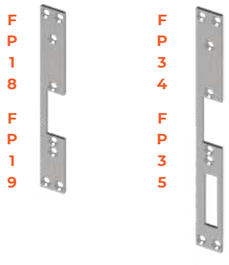
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



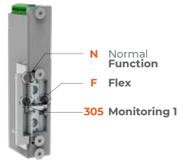
For more information on compatible faceplates, see page 160 et seq.

REGULATION

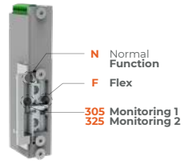
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

777 NF 305



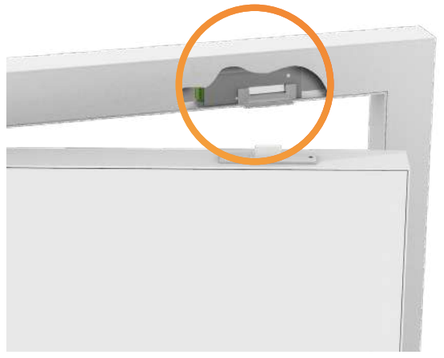
777 NF 325



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT · DIN RIGHT

TOP INSTALLATION



LATERAL INSTALLATION

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512)	24(524)	48(548)
	DC	DC	DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

EVACUATION ROUTES

81 SERIES

Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with **European panic bars**. It is supplied with 8 x 1 mm supplements.

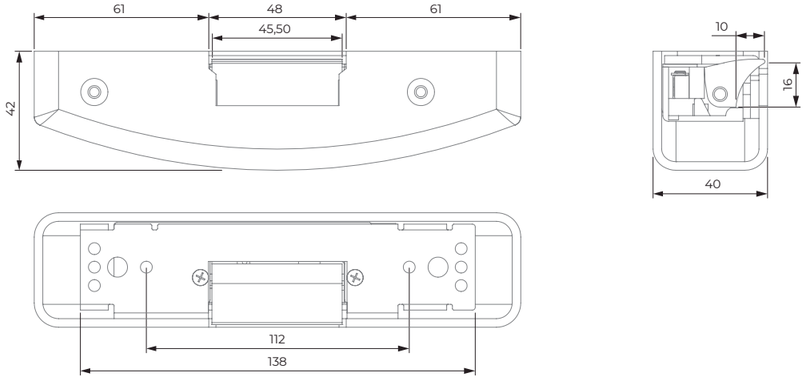
Compatible with almost all panic bars on the market, including panic bars with non-curved deadlocks.

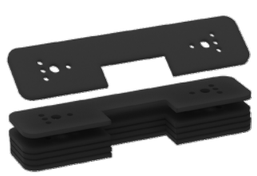
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	Yes
Height	140 mm
Width	26.50 mm
Depth	40 mm
Latch insertion depth	10.40 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N / 5,900 N (Reinforced)
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	No
Monoblock latch	Yes (Panic)
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





SUPPLEMENTS

Supplied with 8 x 1 mm supplements, becoming compatible with practically all panic bars on the market.

REGULATION

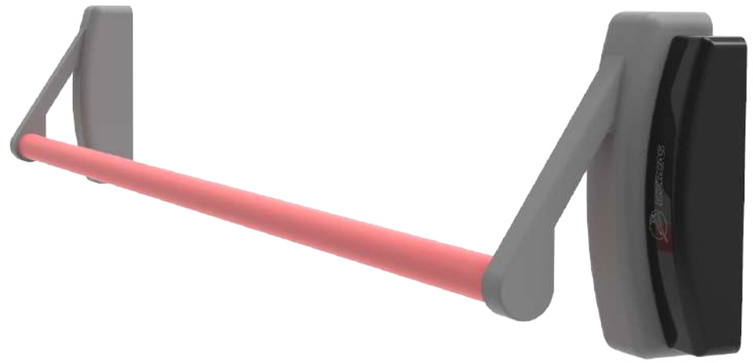
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

81 N

81 N 305

81 Aa



SPECIAL JAWS

A81+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

EVACUATION ROUTES

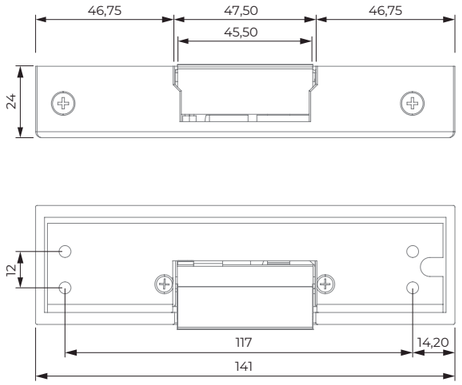
82 SERIES

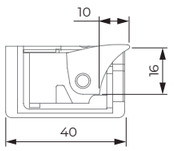
Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with **European panic bars**. It is supplied with 8 x 1 mm supplements.

Compatible with almost all panic bars on the market, including panic bars with non-curved deadlocks.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	Yes
Height	141 mm
Width	24.50 mm
Depth	40 mm
Latch insertion depth	10 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	2,950 N / 5,900 N (Reinforced)
Operating temperature	-25 / +50 °C





SUPPLEMENTS

Supplied with 8 x 1 mm supplements, becoming compatible with practically all panic bars on the market.

FUNCTIONS

Flex latch	No
Monoblock latch	Yes (Panic)
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional

REGULATION

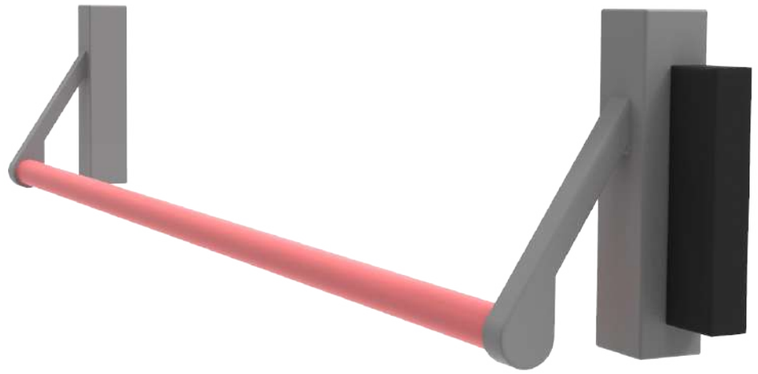
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

82 N

82 N 305

82 Aa



SPECIAL JAWS

A82+

Manufactured in NICKEL PLATED STEEL

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	68	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
ITALIAN LOCKS

Strike designed to be incorporated in doors with multi-point locks facilitate access automatically.

Models commonly used with Italian security locks.

DORCAS

ITALIAN LOCKS

48 SERIES

Non-reversible series, ideal **for armoured and reinforced doors** with locks with Italian type bolts. Its special curved design allows the first bolt of the lock to be passed through, enabling its insertion. It can be installed both flush and surface-mounted.

3	C	5	0	-	0	0	0	0

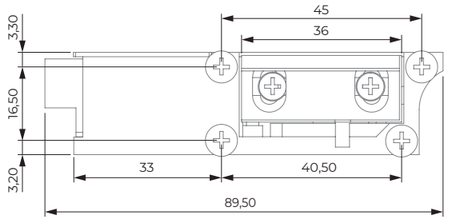
EN 14846-2008 - System 1

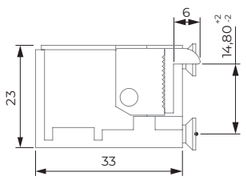
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted / Surface-mounted
Reversible	No
Symmetrical	No
Height	89 mm
Width	23 mm
Depth	33 mm
Latch insertion depth	6 mm
Flex latch adjustment (F)	+2 -1 mm
Electrically tested cycles	200,000
Break-in resistance	4,000 N
Operating temperature	-25 / +50 °C

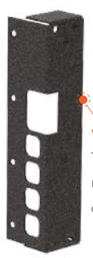
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



WD - WI

The 48 series can be made surface-mountable by adding the WD or WI casing (depending on the hand).

For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

48 NF

- **N** Normal **Function**
- **F** **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

48 NDF

- **N** Normal **Function**
- **D** **Unlocking**
- **F** **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

48 AF

- **A** Standard **Delay action**
- **F** **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

48 ADF

- **A** Standard **Delay action**
- **D** **Unlocking**
- **F** **Flex**

Jaw option **A48 L9**
Jaw option **A48+**

48 AaF

- **Aa** Invisible **Delay action**
- **F** **Flex**

48 AaDF

- **Aa** Invisible **Delay action**
- **D** **Unlocking**
- **F** **Flex**

NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107 (Page 13). In this series we have to take into account whether the lock has bolts above or below the latch

LOCK
Bolts below the latch

LOCK
Bolts above the latch

SPECIAL JAWS

A48 L9

Manufactured in NICKEL PLATED STEEL

A48+

Manufactured in STEEL F114

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	8	17	58	58	220	70	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
MAX. PRELOAD OPEN AC (N)	100N (12 V)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS
HIGH SECURITY

Range of strikes designed for situations requiring greater protection. Optimal for installations where the doors are very heavy and high-security.

DORCAS

HIGH SECURITY

78 SERIES

Special series for installations requiring **very heavy or high-security doors**. It is extremely strong, with 1,300 kg of maximum breakage resistance.

PI1

We recommend installing the 78 series strike with latch PI1

3	C	5	0	-	0	0	1 0	0

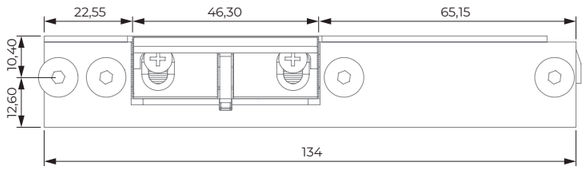
EN 14846-2008 - System 1

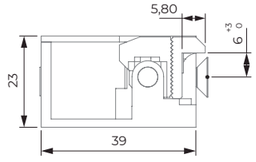
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23.20 mm
Depth	39 mm
Latch insertion depth	5.80 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles	200,000
Break-in resistance	12,700 N
Operating temperature	-25 / +50 °C

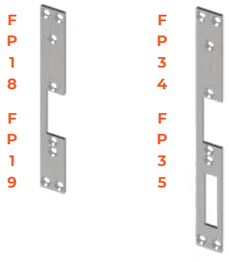
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



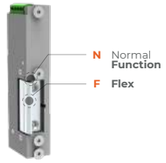
For more information on compatible faceplates, see page 160 et seq.

REGULATION

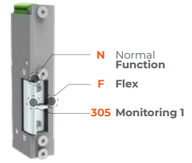
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

78 NF

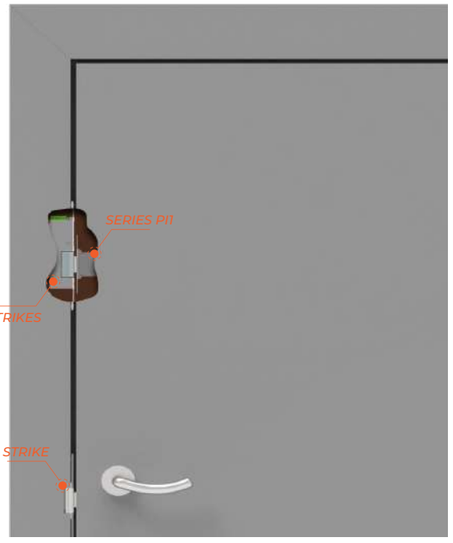


78 NF 305



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(Page 13).

FAIL SECURE



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	6-12	8-12	12	24	12(512)	24(524)
	AC-DC	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	8	17	30	68	68	220
ELECTRICAL DUTY CYCLLE (%ED)	10%ED	20%ED	100%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	260	280	-	-
DC CURRENT CONSUMPTION (mA)	750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	380	370	180	120
MAX. PRELOAD OPEN AC (N)	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	-	-	-	-	-

Maximum coil tolerance 5%.

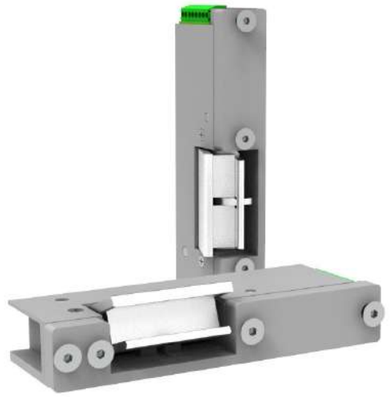
%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

HIGH SECURITY

78C SERIES

Derived from series 77, it is a specific variant for glass doors. Its articulated latch allows the **insertion of the glass leaf**.



INSTALLATION SPECIFICATIONS

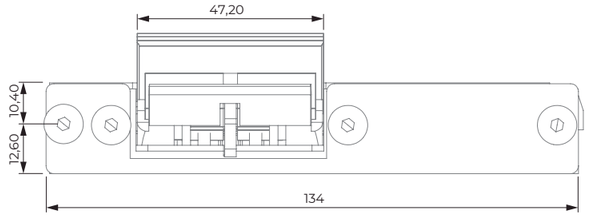
Type of installation	Flush-mounted
Reversible	No
Symmetrical	No
Height	134 mm
Width	23 mm
Depth	47 mm
Latch insertion depth	11.90 mm
Flex latch adjustment (F)	0 mm
Electrically tested cycles	200,000
Break-in resistance	7,450 N
Operating temperature	-25 / +50 °C

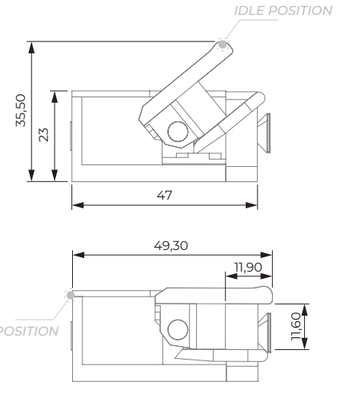
3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

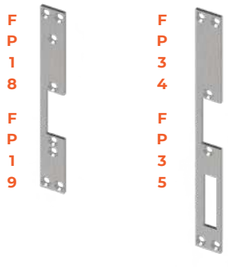
FUNCTIONS

Flex latch	No
Monoblock latch	Yes
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

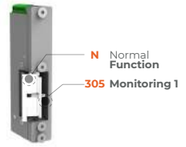
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

78C N

78C N 305



NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(*Page 13*).

DIN LEFT DIN RIGHT

FAIL SAFE

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512) DC	24(524) DC	48(548) DC
FUNCTIONMENT	FAIL SAFE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	34	150	685
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC	100%ED 48 VDC
AC CURRENT CONSUMPTION (mA)	-	-	-
DC CURRENT CONSUMPTION (mA)	360	160	70
MAX. PRELOAD OPEN AC (N)	-	-	-
MAX. PRELOAD OPEN DC (N)	4000	4000	4000

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

The series that has it all, DORCA's most polyvalent.

Available for a wide range of versions and functionalities for each series.
They cover any need, from waterproof to fire rated.

DORCAS

TOTALLY POLYVALENT

99 SERIES

Its **multivoltage coil** enables supply both in AC and in DC in a range from 10 to 24 volts, giving any installation great adaptability.

It's ideal for any type of installation, thanks to its small dimensions, which means it can fit any door.

10-24 AC/DC · DORCAS TOP SYSTEM · RADIAL · UNE EN 14846

3 | CX | 5 | 0 | - | L | 0 | 10 | 2

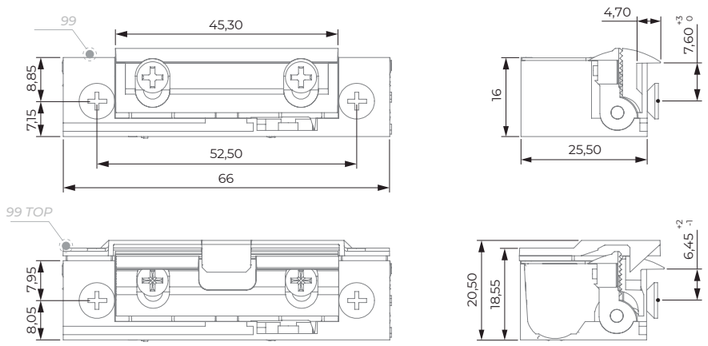
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

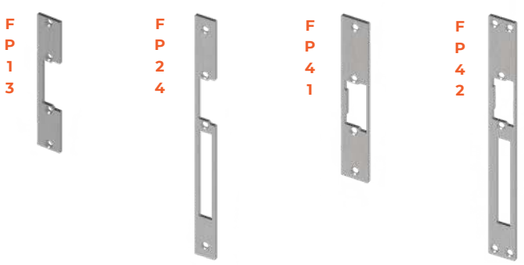
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional



RECOMMENDED FACEPLATES



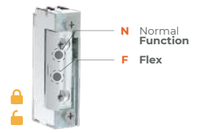
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

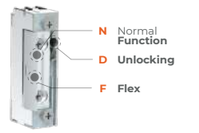
MODELS

99 NF



Jaw option **A99 U2**
Jaw option **A99 SCAN**

99 NDF



Jaw option **A99 U2**
Jaw option **A99 SCAN**

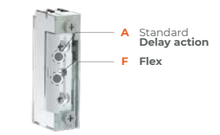
99 NF 305

Jaw option **A99 SCAN**

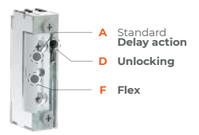
99 NDF 305

Jaw option **A99 SCAN**

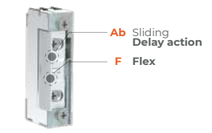
99 AF



99 ADF

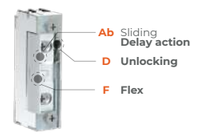


99 AbF



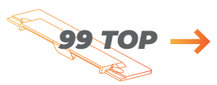
Jaw option **A99 CS**

99 AbDF

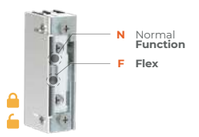


Jaw option **A99 CS**

99 TOP

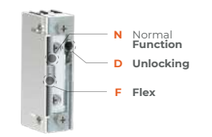


99 NF TOP



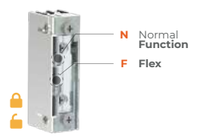
Jaw option **A99 U4**

99 NDF TOP

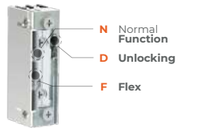


Jaw option **A99 U4**

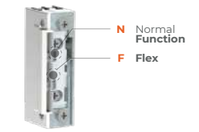
99 NF TOP DOUBLE



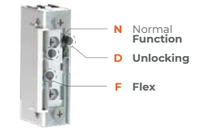
99 NDF TOP DOUBLE



99 NF TOP 2



99 NDF TOP 2

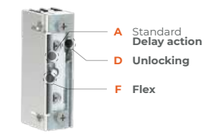


99 NF TOP 305

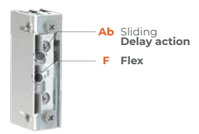
99 NDF TOP 305

99 AF TOP

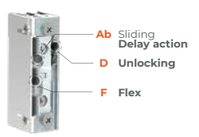
99 ADF TOP



99 AbF TOP DOUBLE



99 AbDF TOP DOUBLE



The TOP versions facilitate the guiding of the latch and at the same time **simplify the installation** and make it **more attractive**, as they allow the strike to be installed without making any cut-out in the frame

TOP

TOP version with a central guide ramp, which facilitates the guiding of the latch into the strike.

Version in STEEL
Version in MIM

DOUBLE TOP

It has been developed to enable the TOP system to be combined with automatic sliding (AB), something not available until now. Furthermore, the two ramps provide a greater range of action.

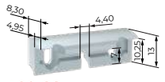
TOP 2

This version has an exterior extension that facilitates the entry of the latch, making for a less aggressive closure. This system allows for the refitting of a NO TOP strike and faceplate with a cut-out already made in the frame. Especially indicated for PVC.

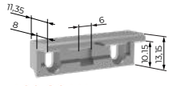
SPECIAL JAWS

A99 U2
Manufactured in ZAMAK

A99 U4
Manufactured in ZAMAK



A99 CS
Manufactured in ZAMAK



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

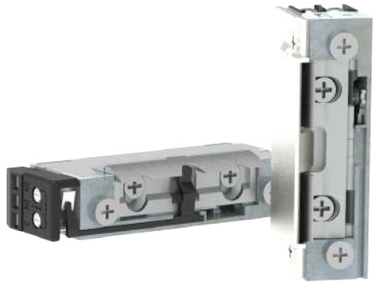
ELECTRICAL SPECIFICATIONS

							MULTIVOLTAGE NEW		
VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-
	Maximum coil tolerance 5%.								
	%ED has been calculated in accordance with standard time of 10 minutes.								

DORCAS *TOTALLY POLYVALENT*

SM99 SERIES

Reinforced version of series 99. Manufacturing its deadlock in steel allows the maximum breakage resistance to be **increased up to 550 kg**. This version is ideal for installations in which the strike requires more demanding use.



3 C 5 0 - 0 0 1 0 0

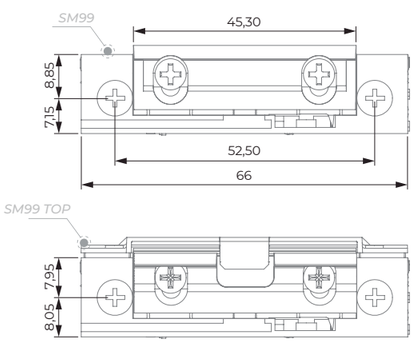
EN 14846-2008 - System 1

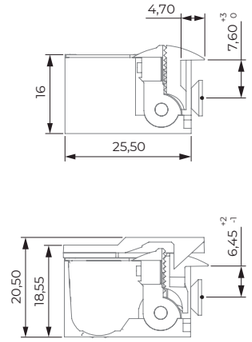
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	5,350 N
Operating temperature	-25 / +50 °C

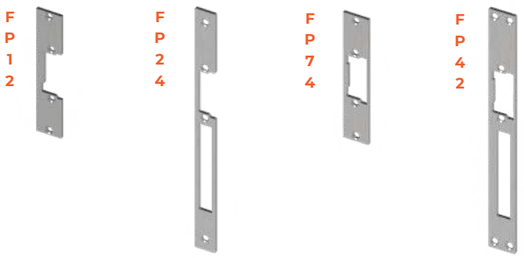
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



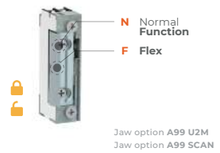
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

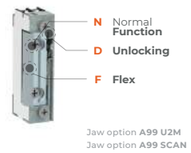
MODELS

SM99 NF



Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SM99 NDF

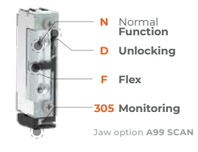


Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SM99 NF 305

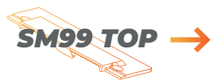
Jaw option **A99 SCAN**

SM99 NDF 305

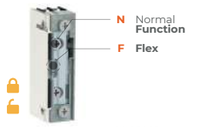


Jaw option **A99 SCAN**

SM99 TOP

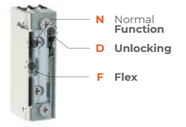


SM99 NF TOP



Jaw option **A99 U4M**

SM99 NDF TOP

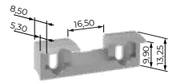


Jaw option **A99 U4M**

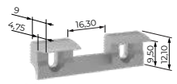
SM99 NF TOP 305

SM99 NDF TOP 305

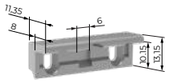
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

NEW MULTIVOLTAGE

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SS99 SERIES

Series 99 version with maximum breakage resistance. Its manufacture in steel and reinforced materials enables it to reach **up to 900 kg of maximum breakage resistance**, making it the ideal option for installation with high requirements or that require extra strength.

3	C	5	0	-	0	0	1 0	0

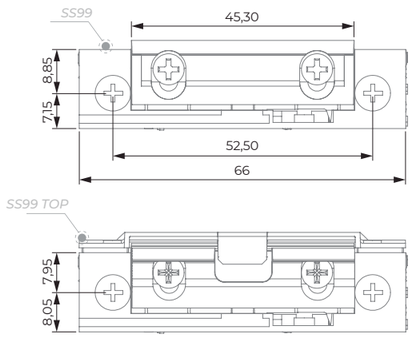
EN 14846-2008 - System 1

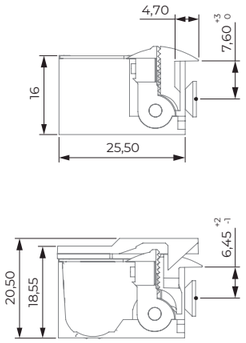
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	8,825 N
Operating temperature	-25 / +50 °C

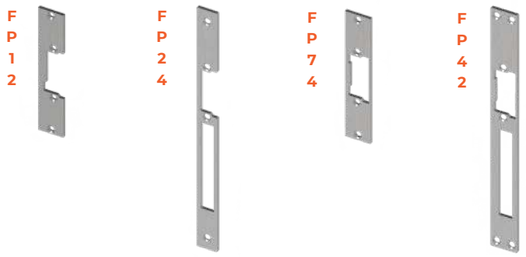
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

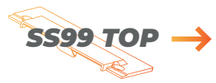
MODELS

SS99 NF

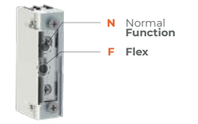
Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SS99 NF 305

Jaw option **A99 SCAN**



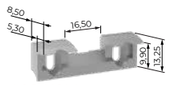
SS99 NF TOP



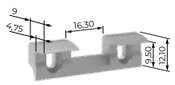
Jaw option **A99 U4M**

SS99 NF TOP 305

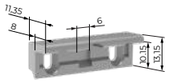
SPECIAL JAWS



A99 U2M
Manufactured in MIM



A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

NEW **MULTIVOLTAGE**

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SW99 SERIES

Water resistant version (IP68). Thanks to its exclusive design, this strike version is ideal for exterior installations affected by the action of water.

In addition, the materials it is manufactured in have been treated against corrosion.

3 C 5 0 - 0 0 10 0

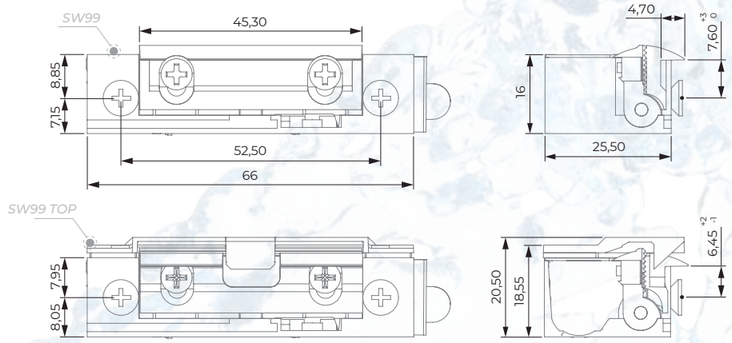
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

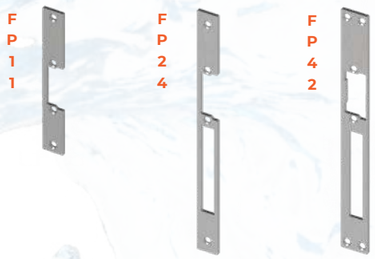
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Optional



RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

SW99 NF

N Normal **Function**
F **Flex**

Jaw option **A99 U2**
Jaw option **A99 SCAN**

SW99 NDF

N Normal **Function**
D **Unlocking**
F **Flex**

Jaw option **A99 U2**
Jaw option **A99 SCAN**

SW99 NF 305

N Normal **Function**
F **Flex**
305 **Monitoring**

Jaw option **A99 SCAN**

SW99 NDF 305

N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

Jaw option **A99 SCAN**

SW99 AF

A Standard **Delay action**
F **Flex**

SW99 ADF

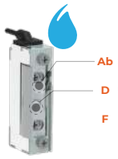
A Standard **Delay action**
D **Unlocking**
F **Flex**

SW99 AbF

Ab Sliding **Delay action**
F **Flex**

Jaw option **A99 CS**

SW99 AbDF



Ab Sliding **Delay action**
D **Unlocking**
F **Flex**

Jaw option **A99 CS**

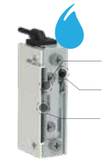
SW99 TOP

SW99 NF TOP

N Normal **Function**
F **Flex**

Jaw option **A99 U4**

SW99 NDF TOP



N Normal **Function**
D **Unlocking**
F **Flex**

Jaw option **A99 U4**

SW99 NF TOP DOUBLE

N Normal **Function**
F **Flex**

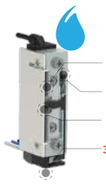
SW99 NF TOP DOUBLE

N Normal **Function**
D **Unlocking**
F **Flex**

SW99 NF TOP 305

N Normal **Function**
F **Flex**
305 **Monitoring**

SW99 NDF TOP 305



N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

SW99 NF TOP DOUBLE 305

N Normal **Function**
F **Flex**
305 **Monitoring**

SW99 NDF TOP DOUBLE 305

N Normal **Function**
D **Unlocking**
F **Flex**
305 **Monitoring**

SW99 AF TOP

A Standard **Delay action**
F **Flex**

SW99 ADF TOP

A Standard **Delay action**
D **Unlocking**
F **Flex**

SW99 AbF TOP DOUBLE

Ab Sliding **Delay action**
F **Flex**

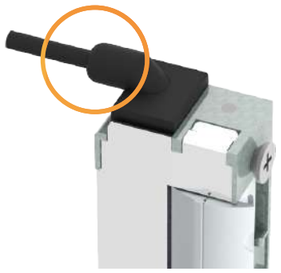
SW99 AbDF TOP DOUBLE

Ab Sliding **Delay action**
D **Unlocking**
F **Flex**

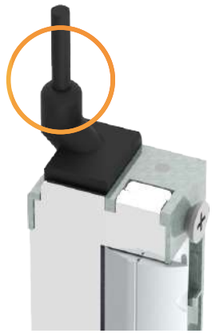
DORCAS has different **length options for the hose: 25 cm, 50 cm, 100 cm or 200 cm.**

The new impermeable system has a connector that allows connection in two positions to further facilitate its installation.

INSTALLATION AT 90°



INSTALLATION AT 180°



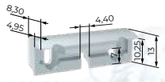
SPECIAL JAWS

A99 U2

Manufactured in ZAMAK

A99 U4

Manufactured in ZAMAK



A99 CS

Manufactured in ZAMAK

A99 SCAN

Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

							NEW MULTIVOLTAGE		
VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SF99 60' SERIES

All the advantages of the 99 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 60'**.

3	C	5	D	-	0	0	1 0	0

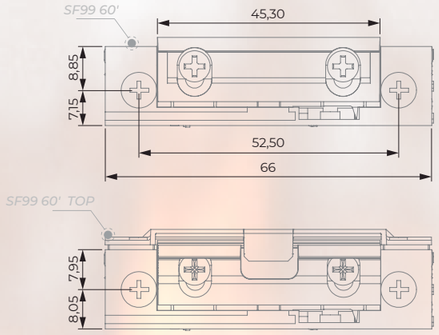
EN 14846-2008 - System 1

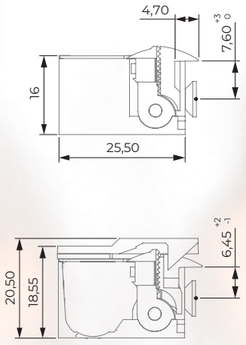
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

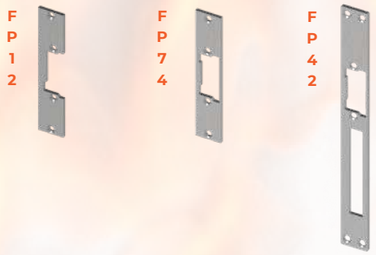
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

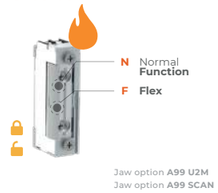
REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

FAIL SAFE FIRE RESISTANT! **NEW**

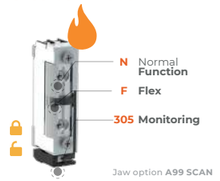
MODELS

SF99 60' NF



Jaw option **A99 U2M**
Jaw option **A99 SCAN**

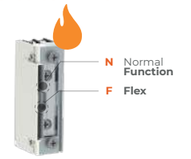
SF99 60' NF 305



Jaw option **A99 SCAN**

SF99 60' NF TOP 305

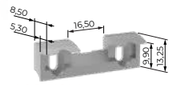
SF99 60' NF TOP



Jaw option **A99 U4M**

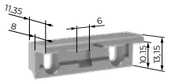
CERTIFICATION The SF99 60' series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.

SPECIAL JAWS



A99 U2M
Manufactured in MIM

A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

NEW MULTIVOLTAGE

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)	10-28	12(512)	24(524)
	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
	N	A - AB							
COIL RESISTANCE (Ω)	43	38	8	17	58	132	43	63	230
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12-24 VDC	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-	-	-	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200	165 (10 V) 190 (12 V) 78 (24 V)	200	110
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

SF99 120' SERIES

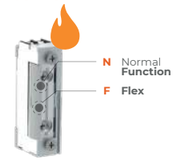
All the advantages of the 99 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

3	C	5	F	-	0	0	1 0	0

EN 14846-2008 - System 1

MODELS

SF99 120' NF



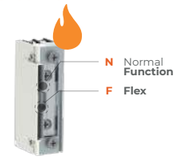
Jaw option **A99 U2M**
Jaw option **A99 SCAN**

SF99 120' NF 305

Jaw option **A99 SCAN**

SF99 TOP

SF99 120' NF TOP



Jaw option **A99 U4M**

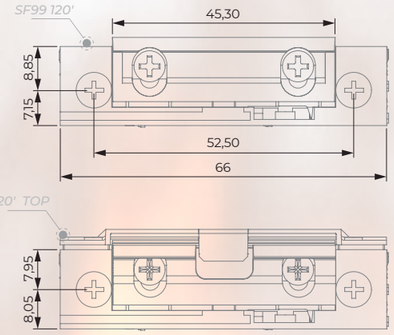
SF99 120' NF TOP 305

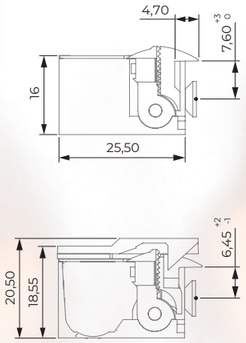
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	66 mm / 74 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	7,845 N
Operating temperature	-25 / +50 °C

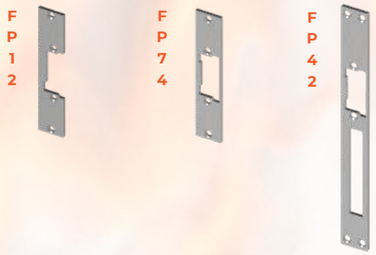
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	Optional
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Optional





RECOMMENDED FACEPLATES



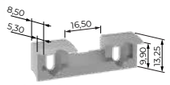
For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

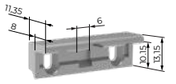
CERTIFICATION The SF99 120' series has a consistent performance certificate. This certificate indicates that all the provisions relating to the conformity assessment described in Annex ZA of the EN 14846:2008 standard have been applied.

SPECIAL JAWS



A99 U2M
Manufactured in MIM

A99 U4M
Manufactured in MIM



A99 SCAN
Manufactured in MIM

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-24		6-12	8-12	24	24(424)
	AC-DC		AC-DC	AC-DC	AC-DC	DC
FUNCTIONMENT	FAIL SECURE		FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE
	N	A - AB				
COIL RESISTANCE (Ω)	43	38	8	17	58	132
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	10%ED	20%ED	20%ED	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	210 (10 V) 250 (12 V) 510 (24 V)	565 (6 V) 1150 (12 V) -	350 (8 V) 510 (12 V) -	340	-
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	750 (6 V) 1500 (12 V) -	490 (8 V) 715 (12 V) -	410	200
MAX. PRELOAD OPEN AC (N)	250N (12 V) 360N (24 V)		-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N (12 V) 220N (24 V)		-	-	-	-

Maximum coil tolerance 5%.

%ED has been calculated in accordance with standard time of 10 minutes.

DORCAS

TOTALLY POLYVALENT

99 PL SERIES

Special version of series 99. It has been designed to guarantee opening in installations with a **preload situation of 40 kg**, with DC power supply. There are two versions, for 12 VDC or 24 VDC.

PATENTED DORCAS

40 KG FAIL SECURE · 12/24 VDC

3 C 5 0 - 0 0 1 0

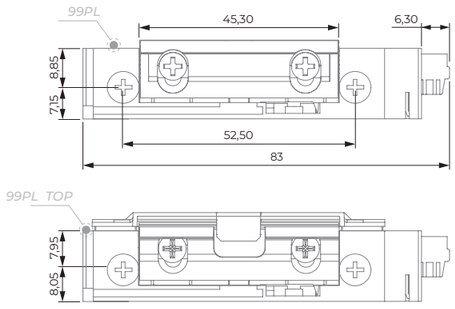
EN 14846-2008 - System 1

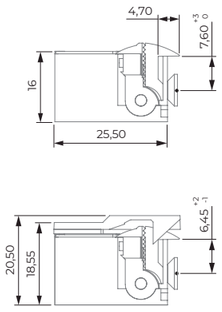
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	83 mm / 91 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

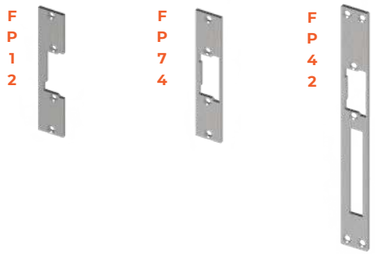
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

PRELOAD UP TO 40KG IN FAIL SECURE NEW

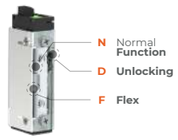
MODELS

99PL NF

99PL NDF

99PL NF TOP

99PL NDF TOP



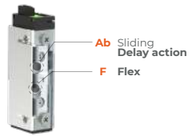
99PL NF 305

99PL NDF 305

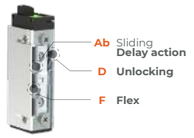
99PL NF TOP 305

99PL NDF TOP 305

99PL AbF TOP DOUBLE



99PL AbDF TOP DOUBLE



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12-24	24
	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	38	190
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	330 (12 V) 640 (24 V)	140
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	400N (12 V)	400 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

DORCAS

TOTALLY POLYVALENT

AT99 SERIES

Special automatic timed version that heightens the installation's security. Depending on the duration of the power supply, the strike activates the automatic function for a certain period of time, after which **it locks the system again** to prevent unwanted openings or break-ins.

3	C	5	0	-	0	0	0	0

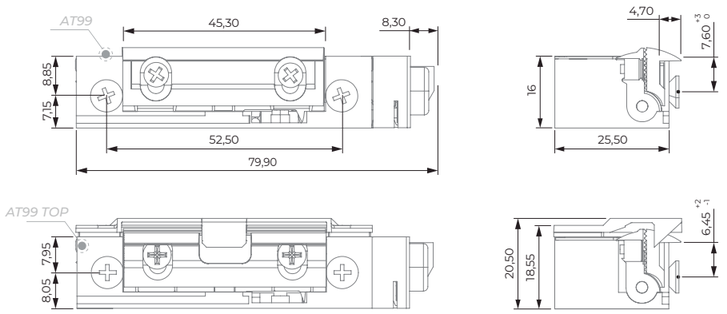
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

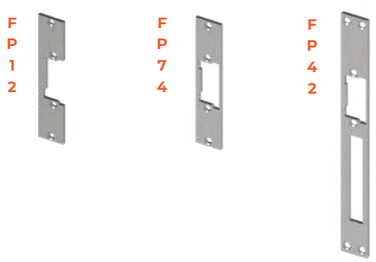
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	Yes
Height	79.90 mm / 88 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	25.50 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	200,000
Break-in resistance	3,500 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode	Optional



RECOMMENDED FACEPLATES



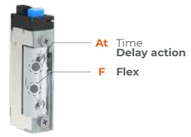
For more information on compatible faceplates, see page 160 et seq.

REGULATION

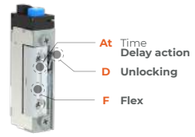
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS

AT99 AtF

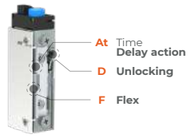


AT99 AtDF



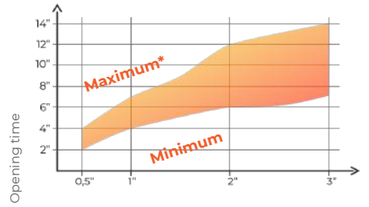
AT99 AtF TOP

AT99 AtDF TOP

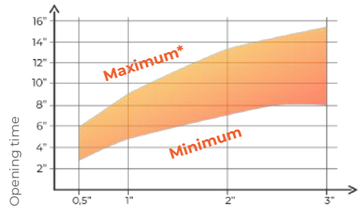


The time it gives us to enter depends on the duration of the press; for a 1-second press, we will have from 7 seconds of opening (AC), up to a maximum of 14 seconds.

ALTERNATING CURRENT AC



DIRECT CURRENT DC



The maximum opening times occur when the time between one press and another is less than 2 minutes. Press times of over 3 seconds are not recommended.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	10-12
	AC-DC
FUNCTIONMENT	FAIL SECURE
COIL RESISTANCE (Ω)	30
ELECTRICAL DUTY CYCLE (%ED)	TIMED
AC CURRENT CONSUMPTION (mA)	650 (12 V)
DC CURRENT CONSUMPTION (mA)	650 (12 V)
MAX. PRELOAD OPEN AC (N)	-
MAX. PRELOAD OPEN DC (N)	-
	Maximum coil tolerance 5%.
	%ED has been calculated in accordance with standard time of 10 minutes.

JAWS FOR 99 SERIES

DORCAS offers a wide range of jaws compatible with certain models in the 99 series, the most polyvalent series. Different changes, both in the design and the material, give them a more specific use and specifically adapted properties. They offer a variety of adjustments, depths and different materials.

These jaws are going to be divided into normal function, standard delay action and sliding delay action.

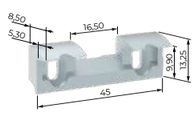
NORMAL FUNCTION

JAW N
Manufactured in ZAMAK 99-SW99-99PL AT99

Ref: *P-13234---------*

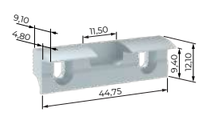
JAW N 305
Manufactured in ZAMAK 99-SW99-99PL

Ref: *P-13246---------*



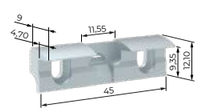
JAW U2
Manufactured in ZAMAK 99-SW99-99PL

Ref: *P-13257---------*



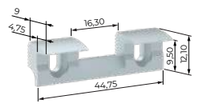
JAW N TOP
Manufactured in ZAMAK 99-SW99-99PL AT99

Ref: *P-13242---------*



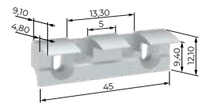
JAW N 305 TOP
Manufactured in ZAMAK 99-SW99-99PL

Ref: *PF13255---------*



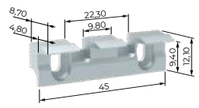
JAW U4
Manufactured in ZAMAK 99-SW99-99PL

Ref: *PF13257 U4*



JAW N TOP DOUBLE
Manufactured in ZAMAK 99-SW99-99PL

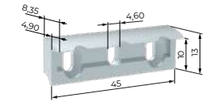
Ref: *P-13242/TOPD----*



JAW N TOP 2
Manufactured in ZAMAK 99

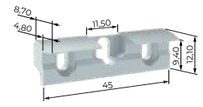
Ref: *P-13251/TOP2----*

STANDARD DELAY ACTION



JAW A
Manufactured in ZAMAK 99-SW99

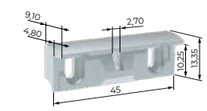
Ref: *P-13233---------*



JAW A TOP
Manufactured in ZAMAK 99-SW99

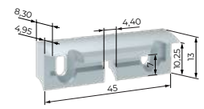
Ref: *PF13259---------*

SLIDING DELAY ACTION



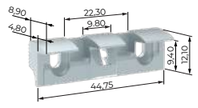
JAW Ab
Manufactured in ZAMAK 99-SW99

Ref: *P-13245---------*



JAW Ab CS
Manufactured in ZAMAK 99-SW99

Ref: *P-13275---------*



JAW Ab TOP DOUBLE
Manufactured in ZAMAK 99-SW99-99PL

Ref: *P-13245/TOPD----*

DORCAS HI-TECH

New generation of strikes, developed with the DST system patented worldwide by DORCAS, opening with preload in fail safe, it presents an alternative to electromagnetic locks.

DORCAS HI-TECH

100 SERIES

Strikes of very small dimensions that incorporate the new DST technology. Available both in FAIL SECURE and **FAIL SAFE versions with a guaranteed opening of up to 20 kg**.

It is compatible with monitoring (305) to obtain door status signals, as well as with DORCAS TOP systems.

20 KG FAIL SAFE · 12 VDC

3	C	5	0	-	0	0	1 0	0

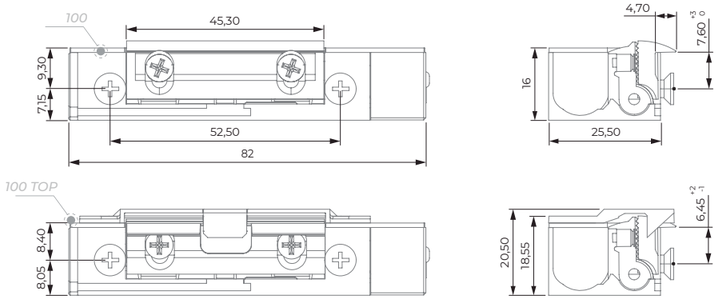
EN 14846-2008 - System 1

INSTALLATION SPECIFICATIONS

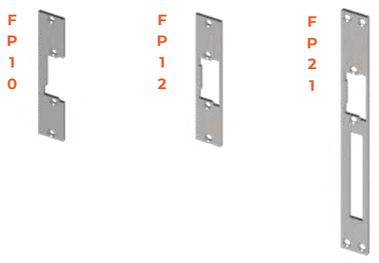
Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	83 mm / 91 mm (305)
Width	16 mm / 20.50 mm (TOP)
Depth	26 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	300,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes



RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

THE SERIES THAT CHANGES EVERYTHING! NEW

MODELS

100 NF

100 NF 305

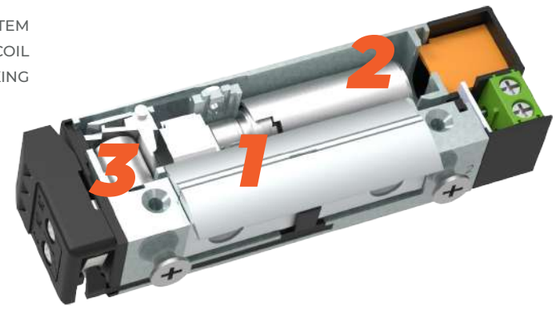
100 NF TOP

100 NF TOP 305

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

DST

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING



The FAIL SAFE version has a screw for regulating the opening force.

PATENTED DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(412)	12(512)
	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	35	35
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	340	340
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

DORCAS HI-TECH

SF100 SERIES

All the advantages of the 100 series applied to RF doors CE Marking according to UNE-EN 14846:2008, with a **fire resistance class of 120'**.

3 X 2 F - 0 0 1 0 0

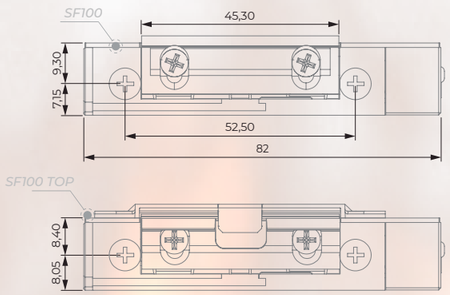
EN 14846-2008 - System 1

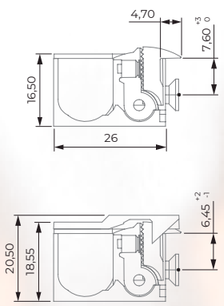
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Symmetrical	No
Height	82 mm / 91 mm (305)
Width	16.50 mm / 20.50 mm (TOP)
Depth	26 mm
Latch insertion depth	4.70 mm
Flex latch adjustment (F)	+3 -0 mm / +2 -1 mm (TOP)
Electrically tested cycles	300,000
Break-in resistance	3,300 N
Operating temperature	-25 / +50 °C

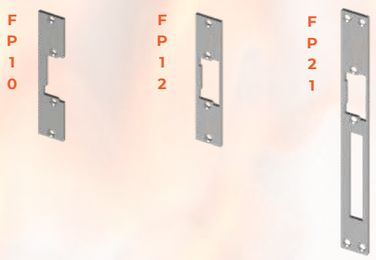
FUNCTIONS

Flex latch	Yes
Monoblock latch	No
Special jaw	No
Unlocking (D)	No
Microswitch (305)	Optional
Bidirectional diode	Yes





RECOMMENDED FACEPLATES



For more information on compatible faceplates, see page 160 et seq.

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

DST + FIRE RESISTANCE! NEW

MODELS

SF100 NF

SF100 NF 305

SF100 NF TOP

SF100 NF TOP 305

The DST (**Dorcas Sliding Technology**) system ensures mechanical opening, both in normal type strikes and reversed strikes, with preload of up to 20 kg. To provide additional security, the strike is equipped with a secondary system that ensures locking if opening is not electrically authorised.

1 DST SYSTEM
2 MAIN COIL
3 BACK-UP LOCKING

The FAIL SAFE version has a screw for regulating the opening force.

PATENTED DORCAS

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

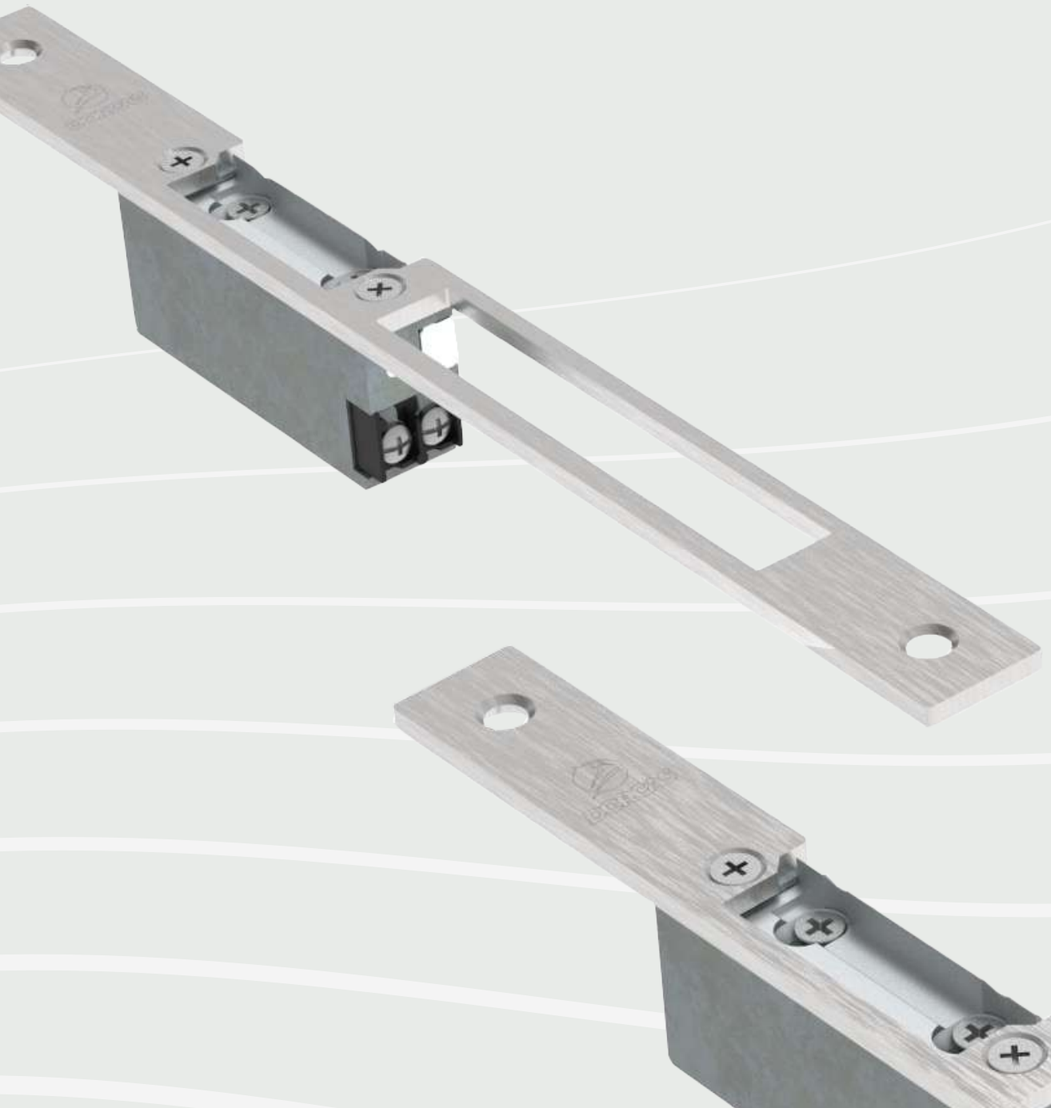
ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(412)	12(512)
	DC	DC
FUNCTIONMENT	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	35	35
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	340	340
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N
	Maximum coil tolerance 5%.	
	%ED has been calculated in accordance with standard time of 10 minutes.	

FACEPLATES

WHAT IS AN FACEPLATES?

An faceplate's main purpose is to fasten the strike to the door frame. By including the faceplate, we obtain the benefits of protecting the strike and allowing a smoother sliding of the friction trigger.



TYPOLOGY

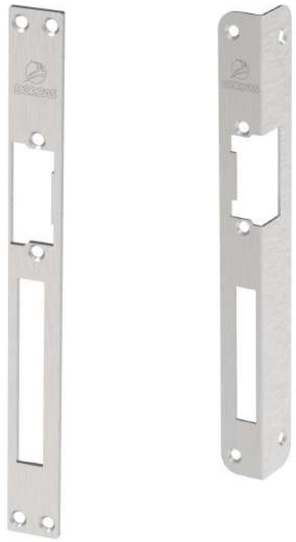
SHORT

Short faceplates are designed for doors in which a bolt closing system is not necessary.

LONG

Long faceplates are designed for doors in which a bolt closing system is necessary.

These faceplates incorporate a window for putting in the bolt lock or security bolts.



SHAPES

Apart from the typology in terms of size, short or long faceplates, angled, rounded-edge faceplates, special faceplates for wooden doors, etc. are also available.

WITH OUR LASER CUTTING PRODUCTION, WE CAN MAKE ANY SHAPE.

CHOICE OF HAND

REVERSIBLE

This type of faceplate can be metric and reversible, which means that they can be used for both DIN Left and DIN Right.

DIN LEFT

DIN LEFT faceplates CAN ONLY be used with DIN Left or right-hand strikes.

DIN RIGHT

DIN RIGHT faceplates can only be used with DIN Right or left-hand strikes.

REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

FINISHES

DORCAS offers a wide range of faceplates for combination with electric strikes. We make each product attractive because we know this is important for the customer. For the frames we have several standard finishes:

ALUMINIUM

NATURAL **A** GOLD **E**

STAINLESS STEEL (304)

PLATED **X**

CHROME-PLATED

METAL **C** GLAZED **D**

PAINT

WHITE **B** GREY **G** BROWN **M** BLACK **N**

NICKEL-PLATED

SILVER-PLATED **J**

ZINC-PLATED

METAL **Z**

BRASS

NATURAL **L**

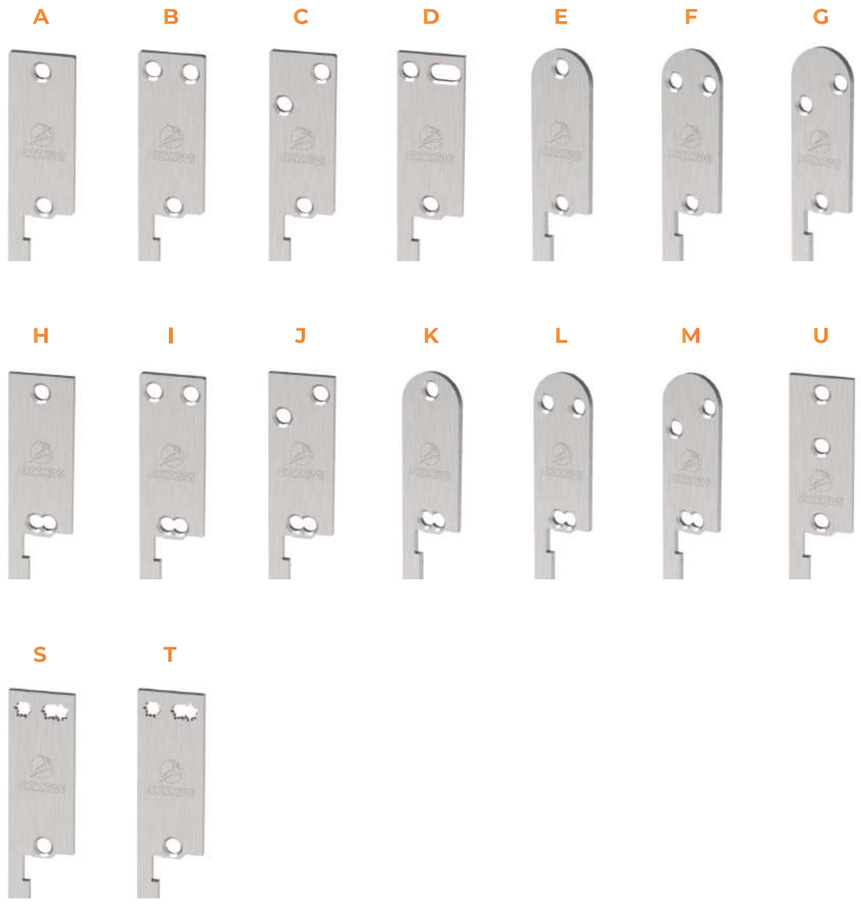
RAW

NATURAL **T**

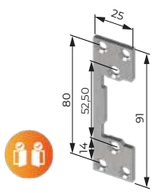
FIXTURE

We manufacture our faceplates with all kinds of shapes for their fastening, such as diagonal holes, a single hole, a double mounting hole, etc. All of them with countersunk holes to prevent the screws from protruding.

WE AIM TO COVER ANY CUSTOMER NEED



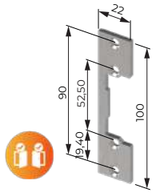
STANDARD



FP67 (BE)
91x25x3 mm

FINISH
X

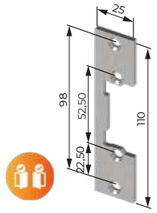
FIXTURE
A B



FP68 (BePe)
100x22x2 mm

FINISH
X

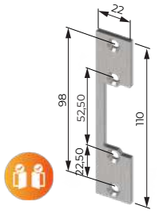
FIXTURE
A B



FP14 (B)
110x25x3 mm

FINISH
A B E G L N X Z

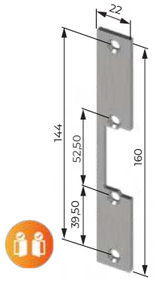
FIXTURE
A C E H I



FP15 (B22)
110x22x3 mm

FINISH
G N X Z

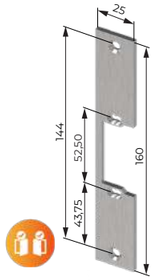
FIXTURE
A



FP11 (S22)
160x25x3 mm

FINISH
G L N X

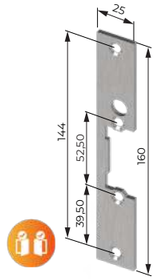
FIXTURE
A V



FP89 (CII)
160x25x3 mm

FINISH
G X

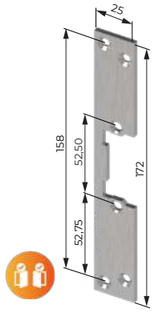
FIXTURE
A H



FP62 (S62)
160x25x3 mm

FINISH
G X

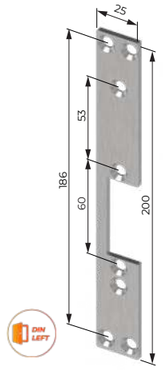
FIXTURE
A



FP97
172x25x3 mm

FINISH
C

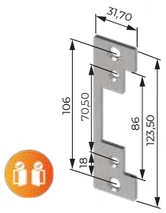
FIXTURE
X



FP18 (SX77 DIN LEFT)
200x25x3 mm

FINISH
G X

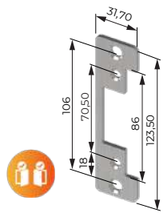
FIXTURE
A B



FP43 (P47)
123.5x31.7x3 mm

FINISH
X

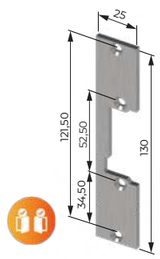
FIXTURE
A B E F



FP44 (R47)
123.5x31.7x3 mm

FINISH
X

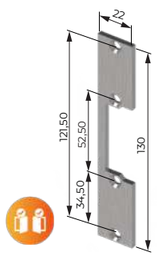
FIXTURE
A B E F



FP12 (P)
130x25x3 mm

FINISH
G L N X

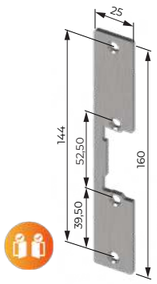
FIXTURE
A



FP13 (P22)
130x25x3 mm

FINISH
G M N X

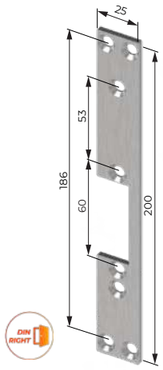
FIXTURE
A



FP10 (S)
160x25x3 mm

FINISH
A B E G L N X Z

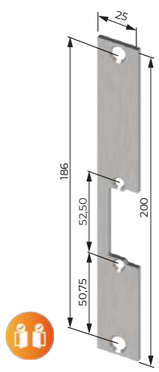
FIXTURE
A C E H I



FP19 (SX77 DIN RIGHT)
200x25x3 mm

FINISH
G X

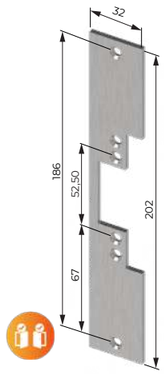
FIXTURE
A B



FPGF
200x25x3 mm

FINISH
X

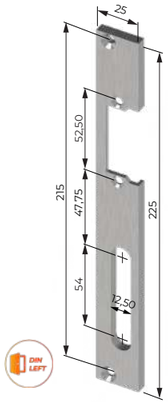
FIXTURE
A



FP81
200x32x2.5 mm e=2.5

FINISH
X

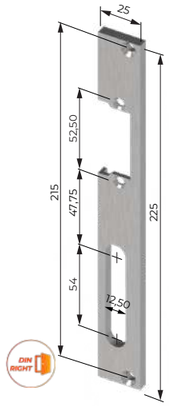
FIXTURE
A



FP71 (W86 DIN LEFT)
225x26x6 mm e=6

FINISH
X

FIXTURE
A

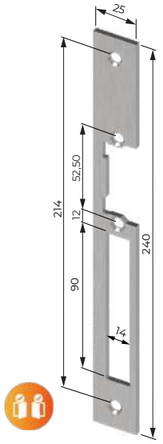


FP72 (W86 DIN RIGHT)
225x26x6 mm e=6

FINISH
X

FIXTURE
A

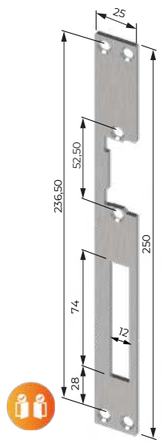
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP79
240x25x3 mm

FINISH
X

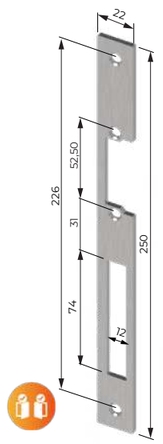
FIXTURE
A



FP21 (G)
250x25x3 mm

FINISH
A B G L M N X

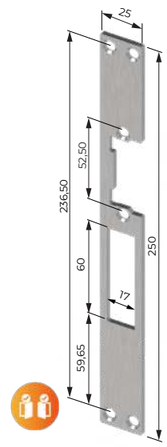
FIXTURE
B C E F I N O



FP69 (G22)
250x22x3 mm

FINISH
G X

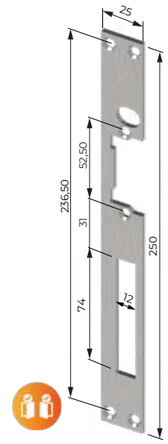
FIXTURE
A E



FP27 (GE)
250x25x3 mm

FINISH
B G X

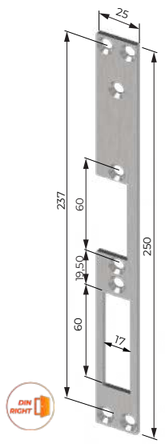
FIXTURE
B G



FP63 (G62)
250x25x3 mm

FINISH
X

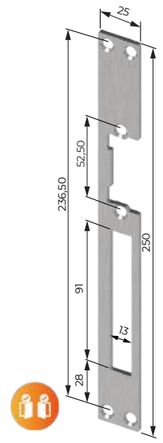
FIXTURE
B



FPC2 (MX77 DIN RIGHT)
250x25x3 mm

FINISH
X

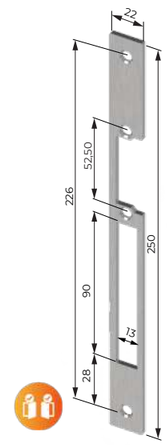
FIXTURE
B



FP23 (L)
250x25x3 mm

FINISH
C G L N X Z

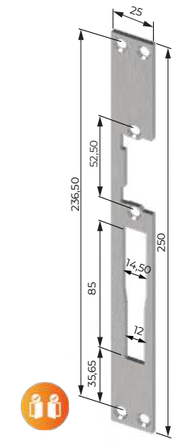
FIXTURE
A B F I



FP24 (L22)
250x25x3 mm

FINISH
G L M N X

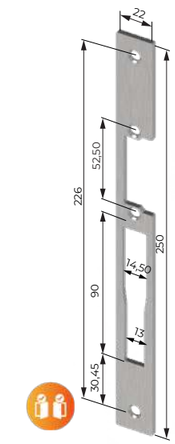
FIXTURE
A E



FP25 (T)
250x25x3 mm

FINISH
G N X

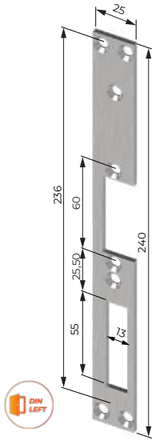
FIXTURE
B C



FP26 (T22)
250x22x3 mm

FINISH
G X

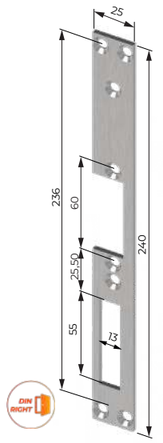
FIXTURE
A



FP34 (GX77 DIN LEFT)
250x25x3 mm

FINISH
G X

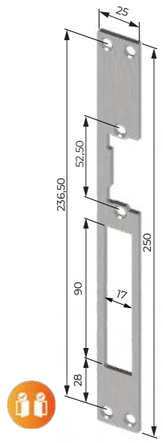
FIXTURE
B



FP35 (GX77 DIN RIGHT)
250x25x3 mm

FINISH
G X

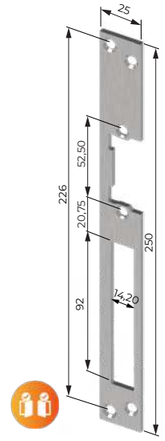
FIXTURE
B



FP22 (M)
250x25x3 mm

FINISH
B C E G L M N X

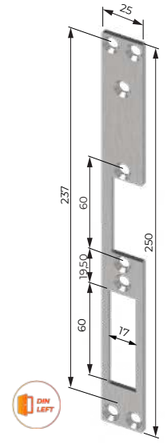
FIXTURE
B C I M F



FP99
250x25x3 mm

FINISH
G X

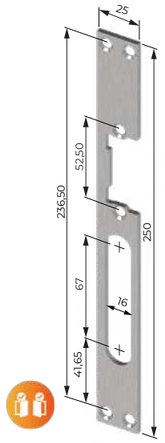
FIXTURE
A H



FPC1 (MX77 DIN LEFT)
250x25x3 mm

FINISH
X

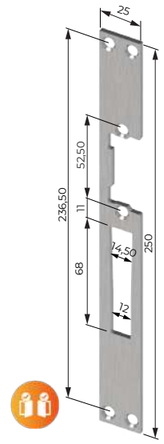
FIXTURE
B



FP28 (OVAL)
250x25x3 mm

FINISH
G L N Q X

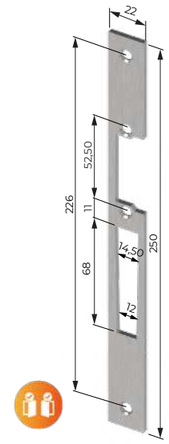
FIXTURE
B



FP46 (Z)
250x25x3 mm

FINISH
G X

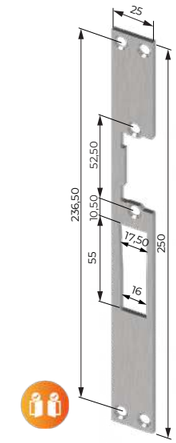
FIXTURE
A B



FP95 (Z22)
250x22x3 mm

FINISH
G X

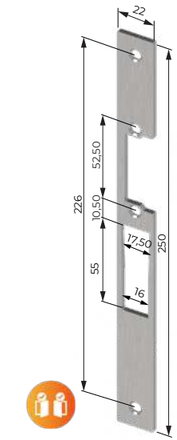
FIXTURE
A



FP47 (Q)
250x25x3 mm

FINISH
G X

FIXTURE
A B

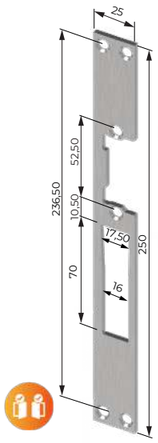


FPD6(Q22)
250x22x3 mm

FINISH
G X

FIXTURE
A

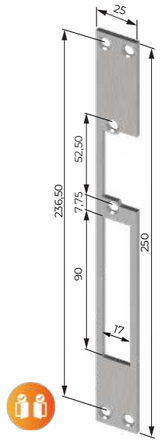
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP70
250x25x3 mm

FINISH
G X

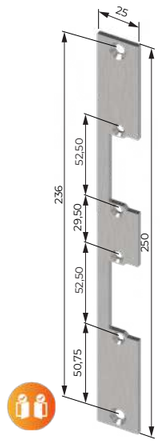
FIXTURE
B



FPC6
250x25x3 mm

FINISH
X

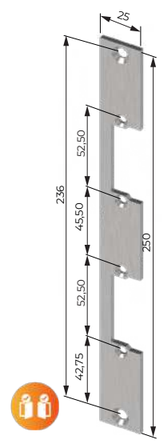
FIXTURE
B



FPF2
250x25x3 mm

FINISH
X

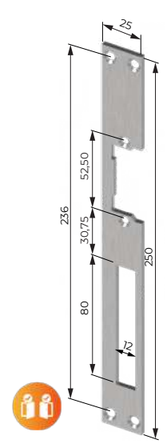
FIXTURE
A



FPF3
250x25x3 mm

FINISH
X

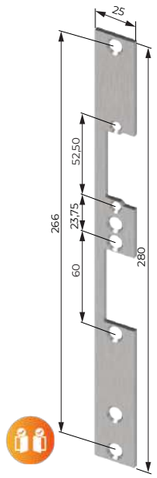
FIXTURE
A



FPF4
250x25x3 mm

FINISH
X

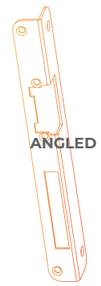
FIXTURE
B

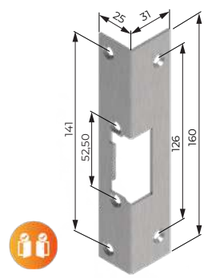


FPGH
160x25x3 mm

FINISH
X

FIXTURE
A

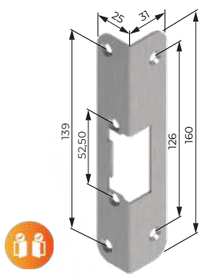




FP16 (F53)
160x25x31 mm

FINISH
G M N X

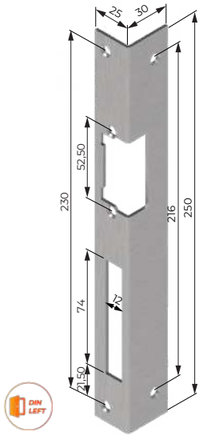
FIXTURE
A



FP17 (F54)
160x25x31 mm

FINISH
G M

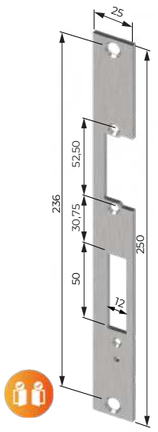
FIXTURE
E



FP29
250x25x30 mm

FINISH
G M X

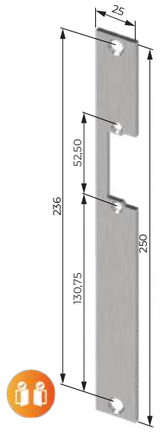
FIXTURE
A



FPF5
250x25x3 mm

FINISH
X

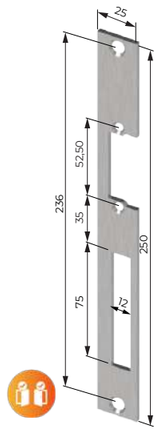
FIXTURE
A



FPG6
250x25x3 mm

FINISH
X

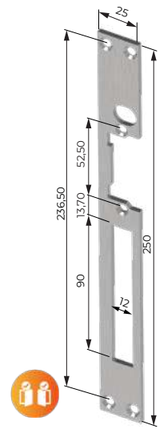
FIXTURE
N



FPGE
250x25x3 mm

FINISH
X

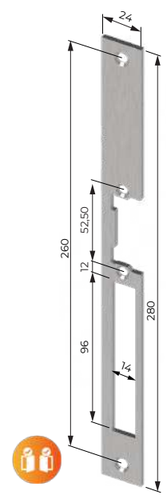
FIXTURE
B



FP78
250x25x3 mm

FINISH
X

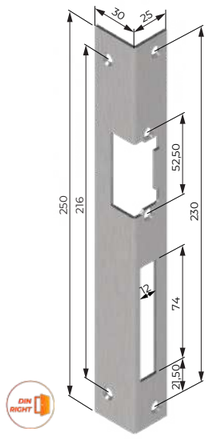
FIXTURE
B



FP33
280x24x3 mm

FINISH
X

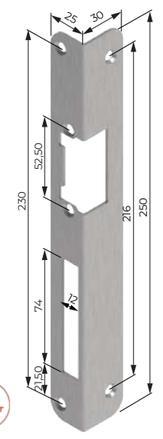
FIXTURE
A



FP30
250x25x30 mm

FINISH
G M X

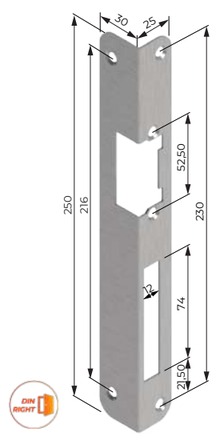
FIXTURE
A



FP31
250x25x30 mm

FINISH
G M X

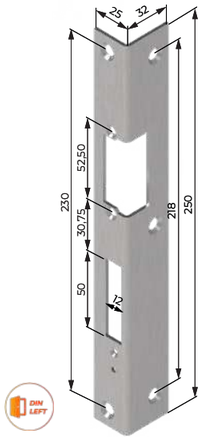
FIXTURE
E



FP32
250x25x30 mm

FINISH
G M X

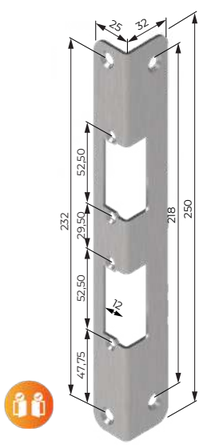
FIXTURE
E



FPF9
250x25x32 mm e=2

FINISH
X

FIXTURE
A

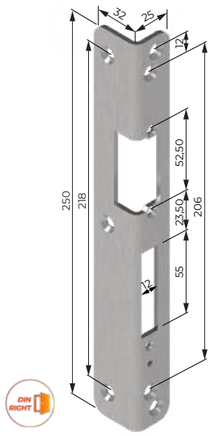


FPG5
250x25x32 mm e=2

FINISH
X

FIXTURE
E

NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm

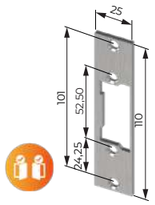


FPGC
250x25x32 mm

FINISH
X

FIXTURE
G

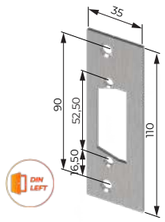
TOP SYSTEMS



FP20 (YB)
110x25x3 mm

FINISH
X

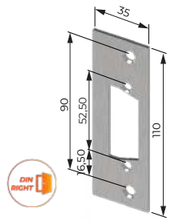
FIXTURE
A E F



FP60
110x35x2 mm e=2

FINISH
X

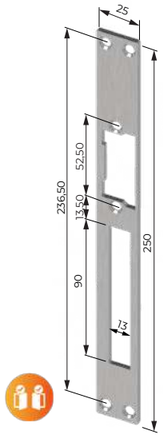
FIXTURE
A



FP61
110x35x2 mm e=2

FINISH
X

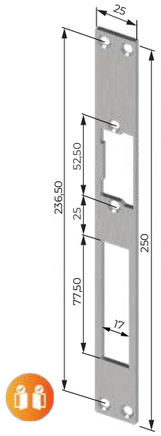
FIXTURE
A



FP42 (YL)
250x25x3 mm

FINISH
X

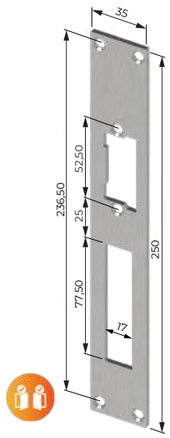
FIXTURE
B U



FP55
250x25x3 mm

FINISH
X

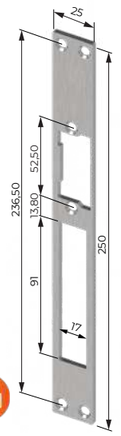
FIXTURE
B



FP56
250x35x3 mm

FINISH
X

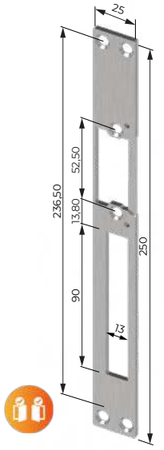
FIXTURE
B



FP58 (YM)
250x25x3 mm

FINISH
L X

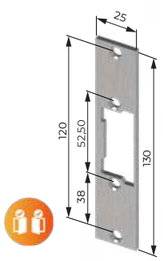
FIXTURE
A B U



FPA1
250x25x3 mm

FINISH
X

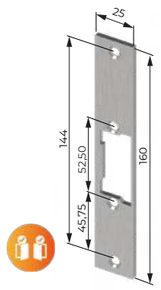
FIXTURE
B



FP74 (YP)
130x25x3 mm

FINISH
X

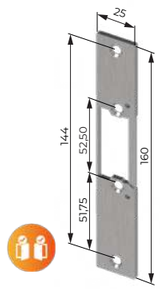
FIXTURE
A



FP41 (YS)
160x25x3 mm

FINISH
X

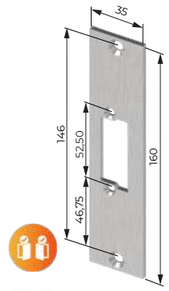
FIXTURE
A



FPA2
160x25x3 mm

FINISH
X

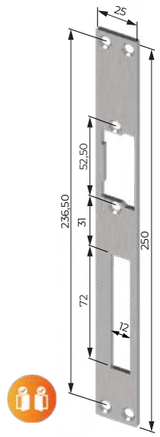
FIXTURE
A



FPF1
160x35x3 mm

FINISH
X

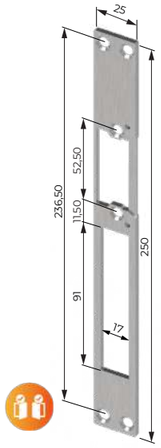
FIXTURE
A



FP38
250x25x3 mm

FINISH
X

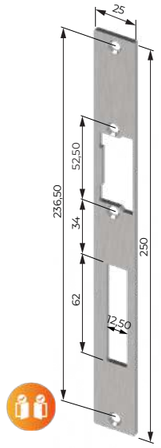
FIXTURE
A B F



FPA3
250x25x3 mm

FINISH
X

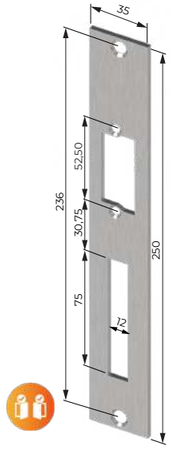
FIXTURE
A



FPC4
250x25x3 mm

FINISH
G L X

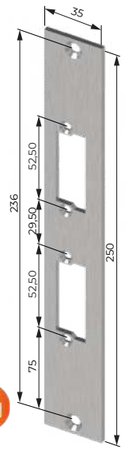
FIXTURE
A E



FPF6
250x35x3 mm

FINISH
X

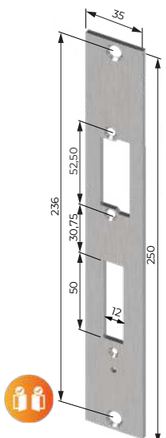
FIXTURE
A



FPF8
160x35x3 mm

FINISH
X

FIXTURE
A

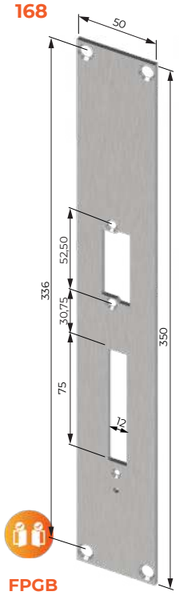


FPG3
250x35x3 mm

FINISH
X

FIXTURE
A

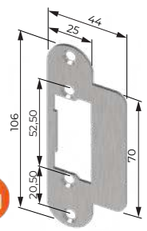
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FPGB
350x50x3 mm

FINISH
X

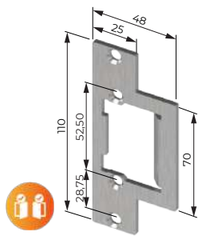
FIXTURE
B



FP48
106x44x3 mm

FINISH
X

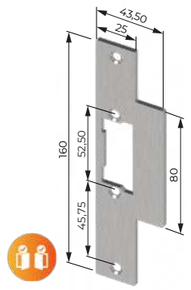
FIXTURE
E



FPD5
11x48x3 mm

FINISH
X

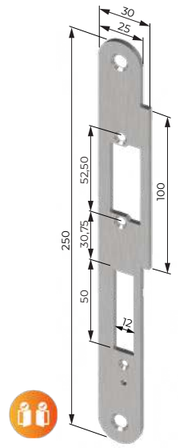
FIXTURE
A



FP49
160x44x3 mm

FINISH
X

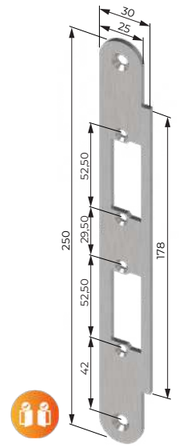
FIXTURE
A



FPG9
250x30x3 mm

FINISH
X

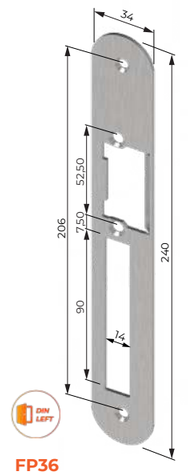
FIXTURE
E



FPF7
250x31x3 mm

FINISH
X

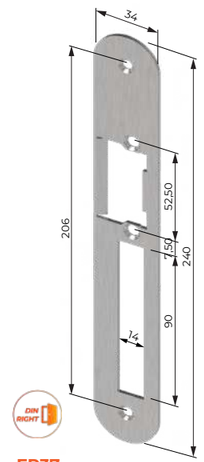
FIXTURE
E



FP36
240x34x2 mm e=2

FINISH
X

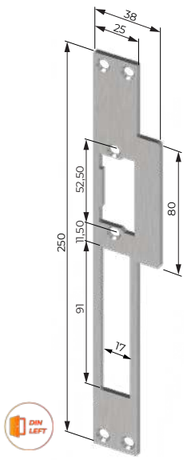
FIXTURE
B



FP37
240x34x2 mm e=2

FINISH
X

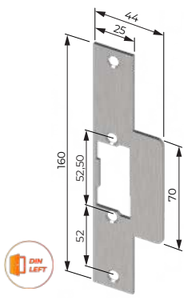
FIXTURE
B



FPD4
250x38x3 mm

FINISH
X

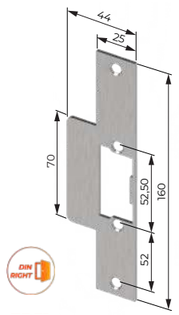
FIXTURE
B



FP50
160x44x3 mm

FINISH
X

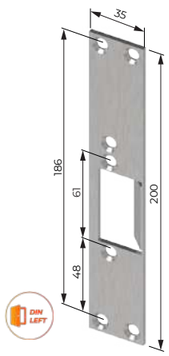
FIXTURE
A



FP51
160x44x3 mm

FINISH
X

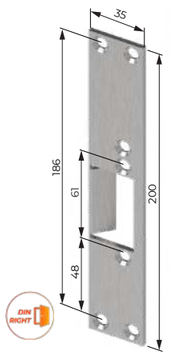
FIXTURE
A



FPE1 (SHX77 DIN LEFT)
200x35x3 mm

FINISH
X

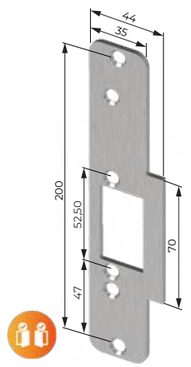
FIXTURE
B



FPE2 (SHX77 DIN RIGHT)
200x35x3 mm

FINISH
X

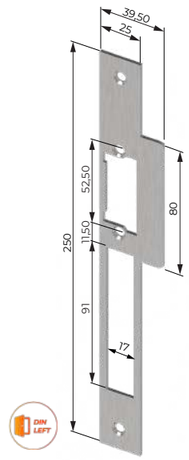
FIXTURE
B



FPGA
200x45x3 mm

FINISH
X

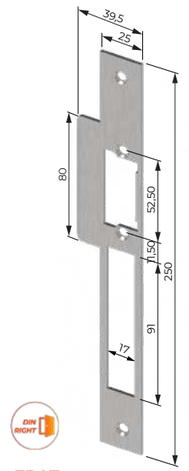
FIXTURE
E



FPA6
250x39.5x2 mm e=2

FINISH
X

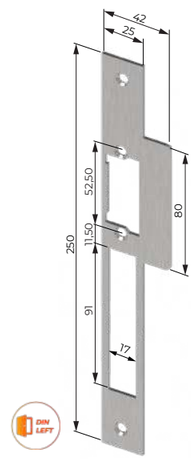
FIXTURE
A



FPA7
250x39.5x2 mm e=2

FINISH
X

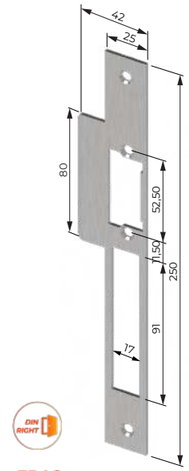
FIXTURE
A



FPA8
250x42x2 mm e=2

FINISH
X

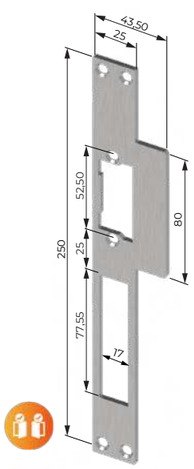
FIXTURE
A



FPA9
250x42x2 mm e=2

FINISH
X

FIXTURE
A

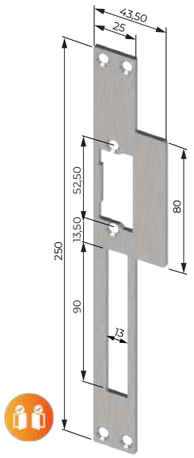


FP57
250x43.5x3 mm

FINISH
X

FIXTURE
B F

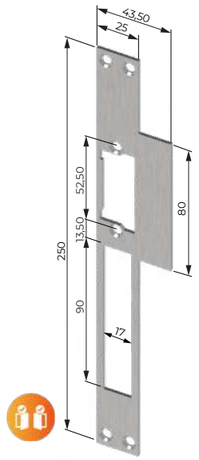
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FP52
250x43.5x3 mm

FINISH
X

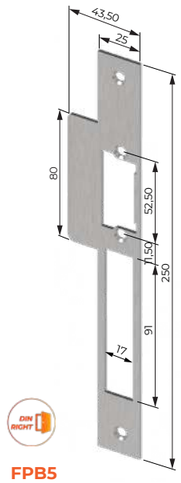
FIXTURE
B



FP53
250x43.5x3 mm

FINISH
X

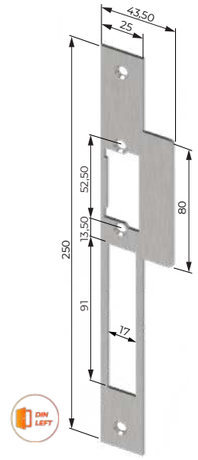
FIXTURE
B F



FPB5
250x43.5x3 mm

FINISH
X

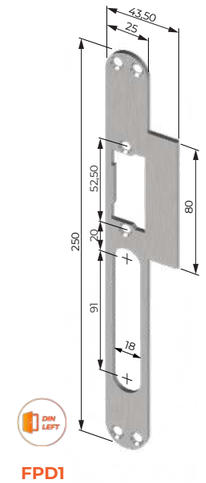
FIXTURE
A E



FPB6
250x43.5x3 mm

FINISH
X

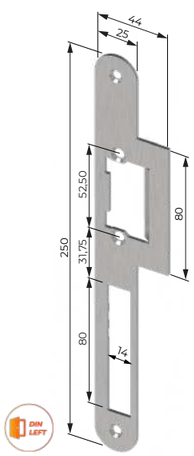
FIXTURE
A E



FPD1
250x43.5x3 mm

FINISH
X

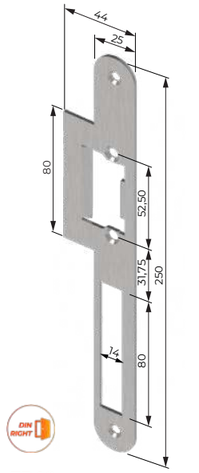
FIXTURE
F



FP39
250x44x3 mm

FINISH
X

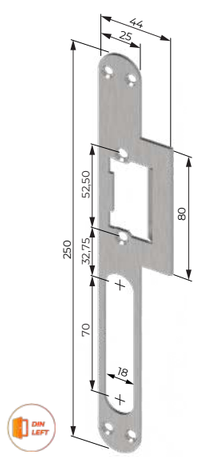
FIXTURE
E



FP40
250x44x3 mm

FINISH
X

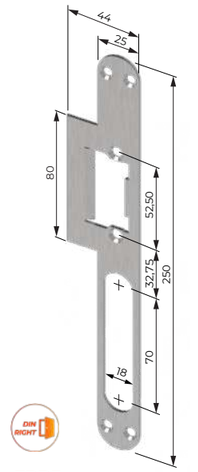
FIXTURE
E



FPD2
250x44x3 mm

FINISH
X

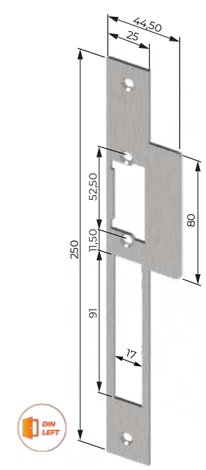
FIXTURE
F



FPD3
250x44x3 mm

FINISH
X

FIXTURE
F

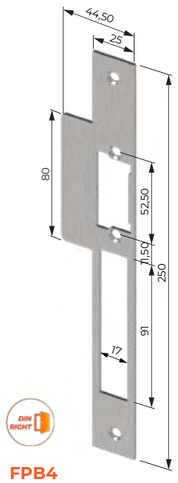


FPB2
250x44.5x3 mm

FINISH
X

FIXTURE
A

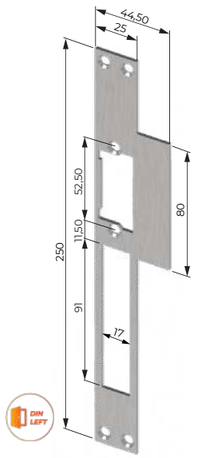
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FPB4
250x44.5x3 mm

FINISH
X

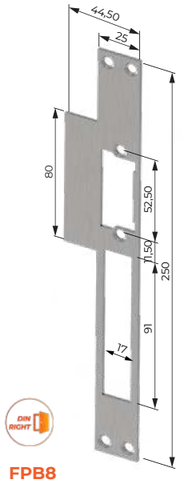
FIXTURE
A



FPB7
250x44.5x1.5 mm e=1.5

FINISH
G L X

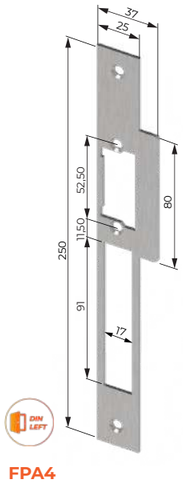
FIXTURE
B F



FPB8
250x44.5x1.5 mm e=1.5

FINISH
G L X

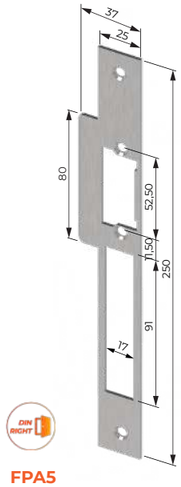
FIXTURE
B F



FPA4
250x37x2 mm e=2

FINISH
X

FIXTURE
A

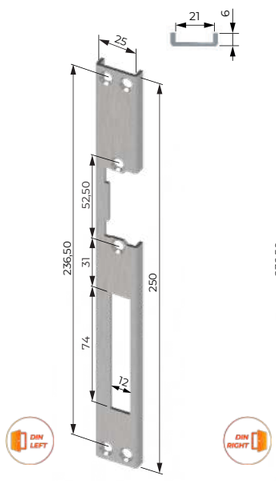


FPA5
250x37x2 mm e=2

FINISH
X

FIXTURE
A

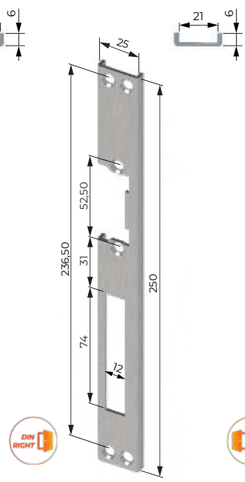
U SHAPE



FP82 (UG DIN LEFT)
250x25x6 mm e=2

FINISH
X

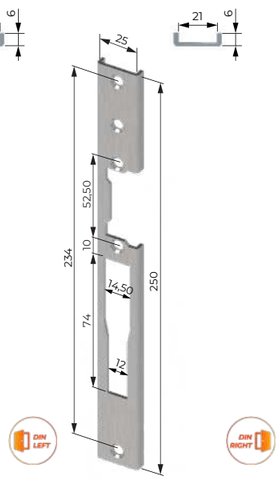
FIXTURE
B



FPD9 (UG DIN RIGHT)
250x25x6 mm e=2

FINISH
X

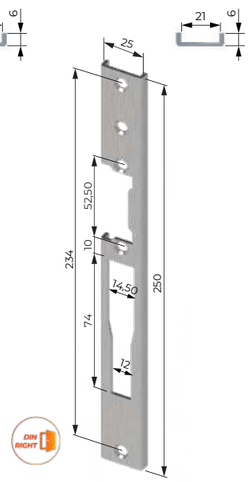
FIXTURE
B



FP90 (UT DIN LEFT)
250x25x6 mm e=2

FINISH
X

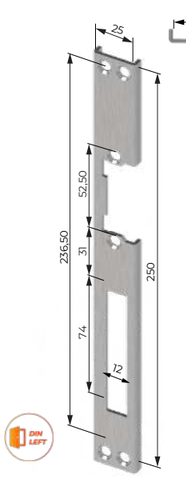
FIXTURE
A



FP91 (UT DIN RIGHT)
250x25x6 mm e=2

FINISH
X

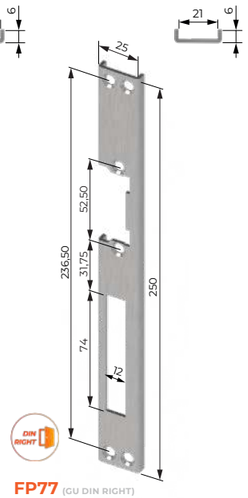
FIXTURE
A



FP64 (GU DIN LEFT)
250x25x6 mm e=2

FINISH
A X

FIXTURE
B

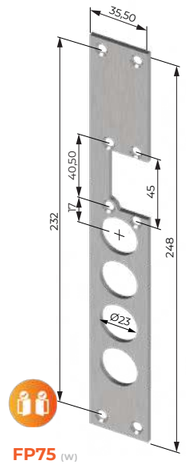


FP77 (GU DIN RIGHT)
250x25x6 mm e=2

FINISH
A X

FIXTURE
B

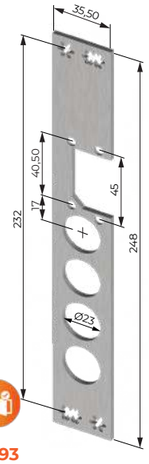
ITALIAN



FP75 (W)
248x35.5x2 mm

FINISH
G X

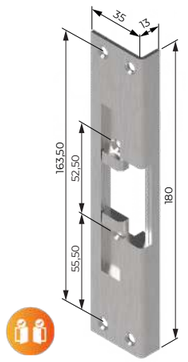
FIXTURE
B



FP93
248x35.5x2 mm

FINISH
G X

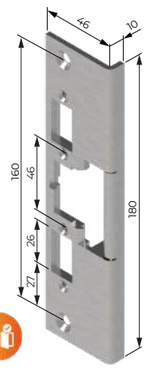
FIXTURE
S



FPEF
180x35x13 mm

FINISH
X

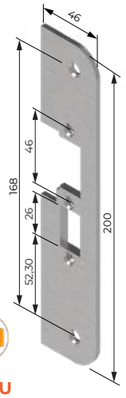
FIXTURE
B



FPET
180x46x10 mm

FINISH
X

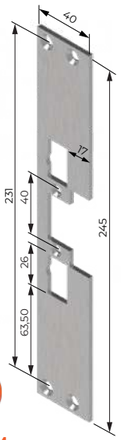
FIXTURE
A



FPEU
200x40x6 mm

FINISH
X

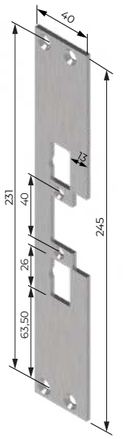
FIXTURE
E



FPEM
245x40x3 mm

FINISH
X

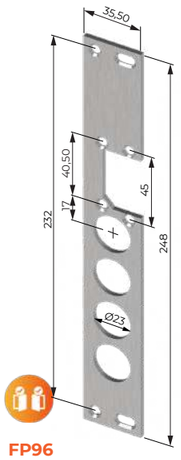
FIXTURE
B



FPEL
245x40x7 mm

FINISH
X

FIXTURE
B

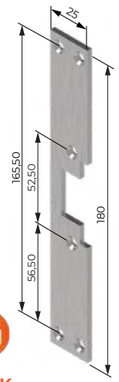


FP96
248x35.5x2 mm

FINISH
G X

FIXTURE
D

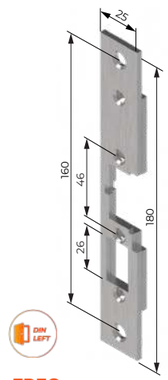
SCANDINAVIAN



FPEK
180x25x3 mm

FINISH
X

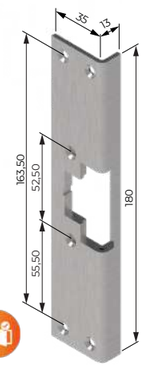
FIXTURE
B



FPEQ
180x25x6 mm

FINISH
X

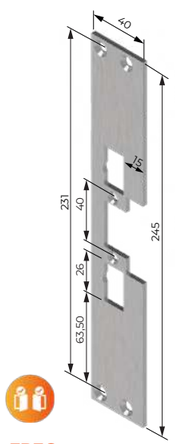
FIXTURE
A



FPEE
180x35x13 mm

FINISH
X

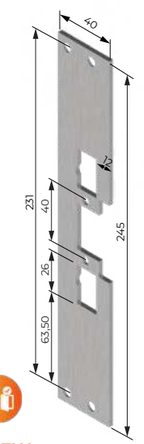
FIXTURE
B



FPEO
245x40x7 mm

FINISH
X

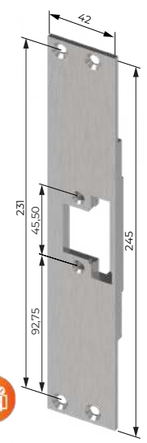
FIXTURE
B



FPEW
240x40x7 mm e=2

FINISH
X

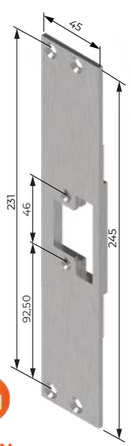
FIXTURE
B



FPES
245x42x11 mm

FINISH
X

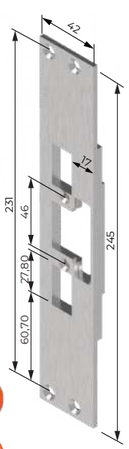
FIXTURE
B



FPEN
245x45x11 mm

FINISH
X

FIXTURE
B

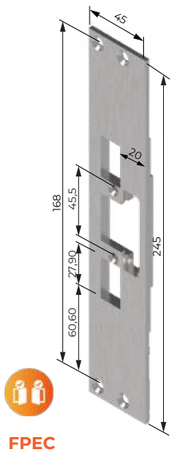


FPEA
245x42x11 mm

FINISH
X

FIXTURE
B

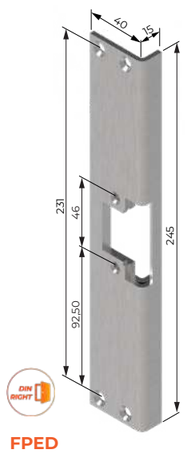
NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm



FPEC
245x45x11 mm

FINISH
x

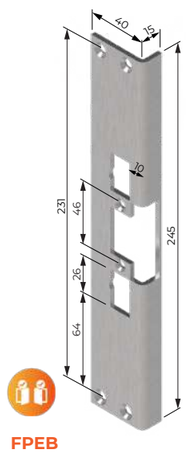
FIXTURE
B



FPED
245x40x15 mm

FINISH
x

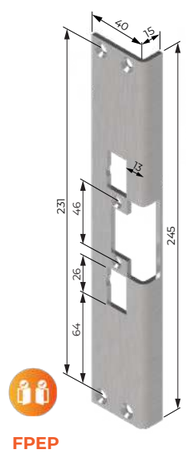
FIXTURE
B



FPEB
245x40x15 mm

FINISH
x

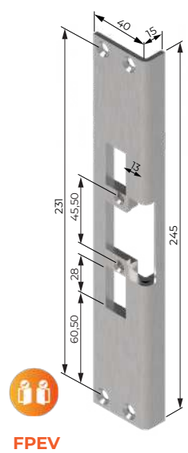
FIXTURE
B



FPEP
245x40x15 mm

FINISH
x

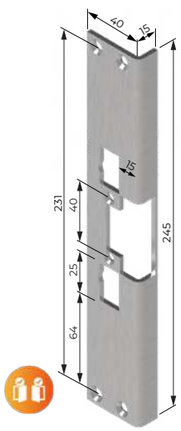
FIXTURE
B



FPEV
245x40x15 mm

FINISH
x

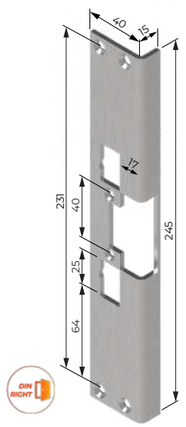
FIXTURE
B



FPEX
245x40x15 mm

FINISH
x

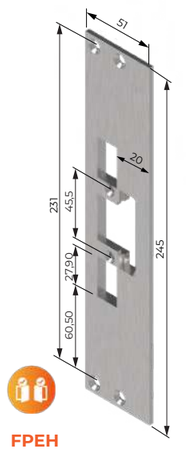
FIXTURE
B



FPEY
245x40x15 mm

FINISH
x

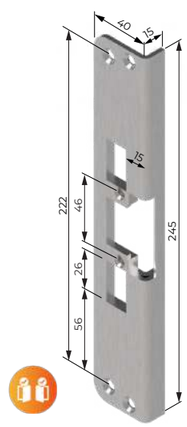
FIXTURE
B



FPEH
245x51x11 mm

FINISH
x

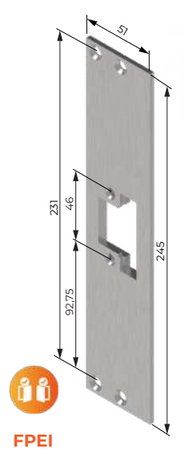
FIXTURE
B



FPER
245x40x15 mm

FINISH
x

FIXTURE
B

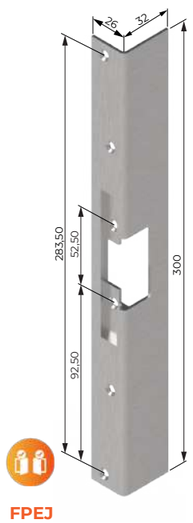


FPEI
245x51x11 mm

FINISH
x

FIXTURE
B

NOTE: If not otherwise indicated, the thickness (e) will be e=3 mm

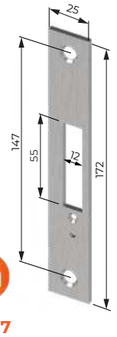


FPEJ
300x26x32 mm

FINISH
x

FIXTURE
A

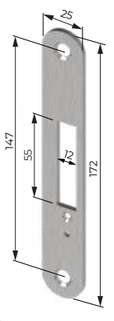
OTHER USES



FPG7
172x25x3 mm

FINISH
x

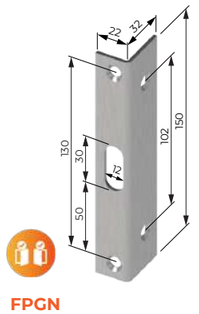
FIXTURE
A



FPG8
172x25x3 mm

FINISH
x

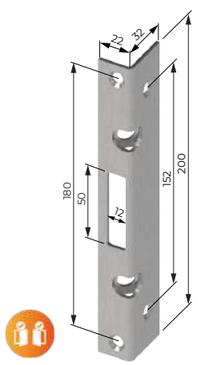
FIXTURE
E



FPGN
150x22x32 mm e=2.5

FINISH
x

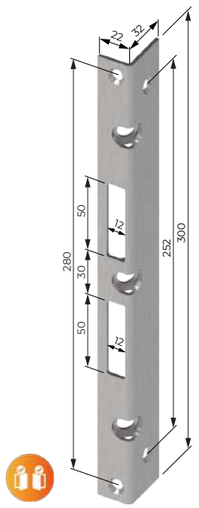
FIXTURE
A



FPGM
200x22x32 mm e=2.5

FINISH
x

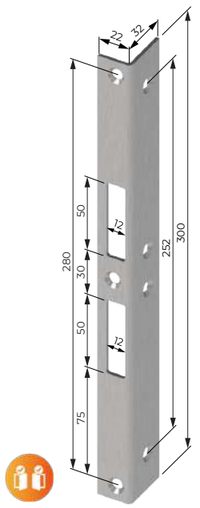
FIXTURE
A



FPGL
300x22x32 mm e=2.5

FINISH
x

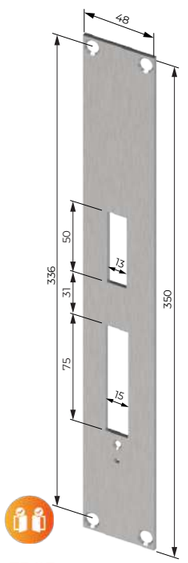
FIXTURE
A



FPGP
300x22x32 mm e=2.5

FINISH
x

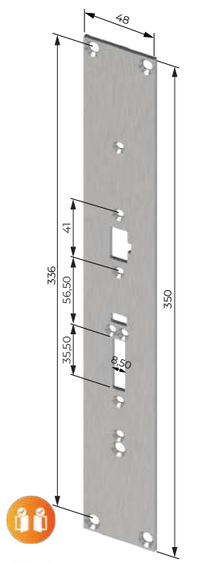
FIXTURE
A



FPGD
350x48x3 mm

FINISH
x

FIXTURE
B



FPGJ
350x48x3 mm

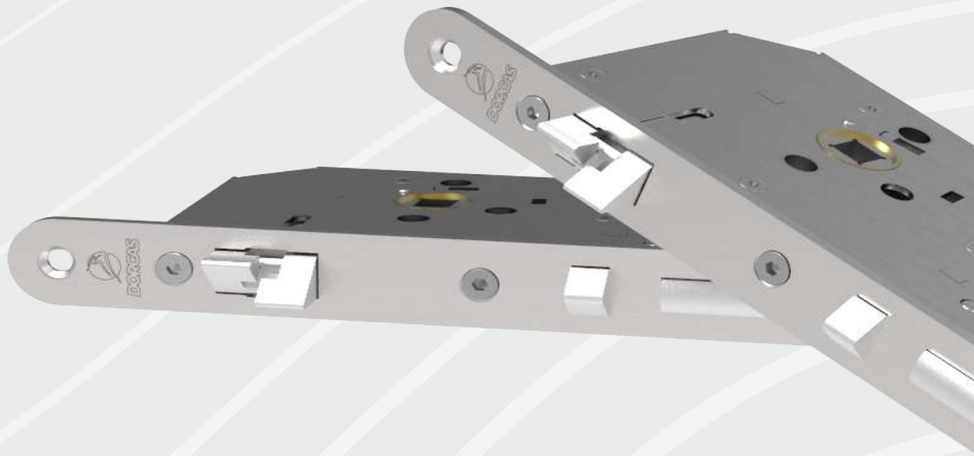
FINISH
x

FIXTURE
B

ELECTROMECHANICAL LOCKS

WHAT IS AN ELECTROMECHANICAL LOCK?

DORCAS' electromechanical locks offer high levels of safety and comfort, outdoing conventional mechanical systems on various counts.
They are installed on the door leaf unlike a strike, which is installed on the frame, and they offer lasting performance and low maintenance.



TYPOLOGY

AUTOMATIC

This type of electromechanical lock has automatic closing and opening. The door can be opened with an electrical impulse.

SELF-LOCKING

Electromechanical self-locking locks have automatic locking. When the trigger is pressed the bolt is extracted. On the other hand, for the opening we will always need a handle to be able to withdraw the bolt.

MOTORISED

Motorised locks are ideal for sensitive areas where security is vital. These types of locks are particularly convenient to use. The door is opened by means of a low voltage micro motor, the latch is withdrawn by means of an electrical signal and also offers the convenience of key cylinder opening in the event of an emergency. The DORCAS motorised technology is automatically activated when the door is closed, without the need for a key.

ELECTRIC DROP BOLT

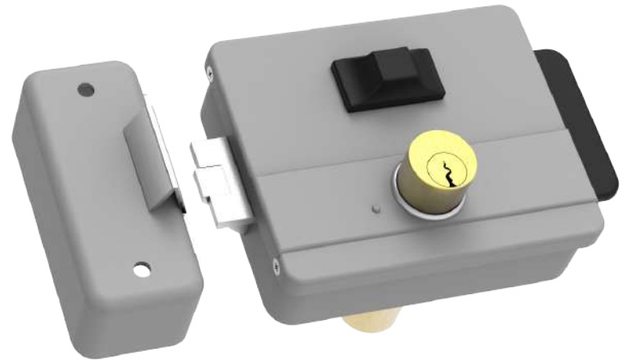
Electric drop bolt are high-security electromechanical locks. This is due to their solid construction, they incorporate a cylindrical bolt of great hardness and so they offer high-resistance against attempted vandalism, robberies, etc.
They consist of two parts: the piston, which is usually installed in the door leaf, and the counterplate, which is installed in the door frame and incorporates the magnet that causes the bolt to be extracted or inserted (either fail safe or fail secure).

SURFACE-MOUNTED LOCKS

Sometimes it is not possible to install a flush-mounted lock. With surface-mounted locks, you will find the perfect solution for increasing the security of your doors quickly and efficiently.

This type of lock adapts to any type of door and is installed on the inside, thus avoiding manipulation from the outside.

MAXIMUM SECURITY MADE VISIBLE



When choosing the hand for an electromechanical lock, it is important to remember the DIN 107 regulation.

REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

DORCAS AUTOMATIC

DORCAS AUTOMATIC

DUO

The DUO electromechanical lock consists of an electrical part (DUO E) installed in the frame, and a mechanical part (DUO M) installed in the door leaf.
When the door closes, **the bolt comes out automatically** to lock it without the need to put the key in. **Actuating the handle, turning the key or electrically the whole system is unlocked** so that the door can be opened just by pushing it.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

MAXIMUM SECURITY · EASY · 12-24 AC/DC

3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

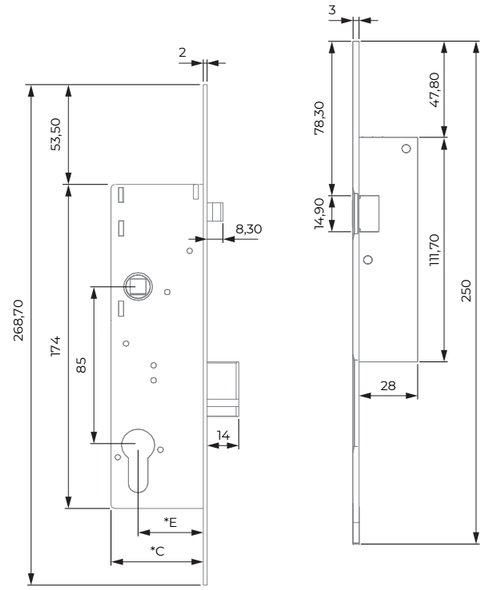
FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Optional

MODELS

	E* (mm)	C* (mm)
DUO 20/85	20	34
DUO 25/85	25	39
DUO 30/85	30	44
DUO 35/85	35	49
DUO 40/85	40	54
DUO 50/85	50	64
DUO 60/85	60	74

*E = Distance between the centre of the cylinder and the front.
*C = Total depth of the lock.



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12 AC-DC	24 AC-DC
OPERATION	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	17	32
AC CURRENT CONSUMPTION (mA)	525	600
DC CURRENT CONSUMPTION (mA)	700	750
MAX. OPENING PRELOAD AC (N)	-	-
MAX. OPENING PRELOAD DC (N)	-	-

AUTOMATIC TRIGGERING

When the door closes the lock is automatically triggered. To open, we withdraw it with an electrical press, by turning the key or the handle. This bolt is solid, providing maximum security.

REVERSIBLE

Both the mechanical part (DUO M) and the electrical part (DUO E) can work on any type of door, irrespective of whether they open to the left or right.

TOTAL COMPATIBILITY

The DUO is compatible with short cam and long cam key cylinders.

DESIGN AND SECURITY

Available with straight faceplates or faceplates with rounded edges. Choose the design you like best.

Ideal solution for owners associations due to its security and convenience.

ANTI-THRUST

The DUO bolt has an anti-thrust device , considerably improving its anti-vandal properties.

COMPLETE INSTALLATION

The DUO's installation is facilitated by adjustment add-ons, which also make it possible to set the right distance between the electrical part (DUO E) and the mechanical part (DUO M).

DORCAS AUTOMATIC

DUO DÍA Y NOCHE

The DUO DÍA Y NOCHE has been developed for situations in which a **long-duration electrical supply** is necessary in order to access control during certain times of the day (owners associations with answering device, companies, etc.).

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

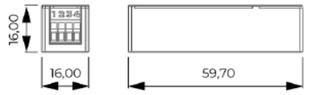
EASY · 12-24 AC/DC

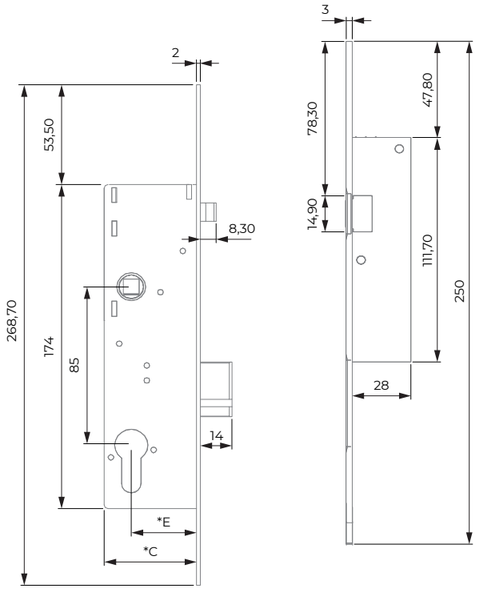
3 C 5 0 - 0 0 1 0

EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Optional





DN SYSTEM

One press disarms the electric part and the door becomes an access gate; another press resets the lock, once we open the door and close it again.

NOTE: See models and electrical specifications of page 183

IDEAL FOR ACCESS CONTROL! NEW

DORCAS AUTOMATIC

DUO 305

The DUO 305 has a **monitoring function** (305) and incorporates a wired output that signals door open or closed, alarm activated or any other additional function.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height (DUO E)	111.7 mm
Height (DUO M)	174 mm
Width (DUO E)	17 mm
Width (DUO M)	17 mm
Depth (DUO E)	28 mm
Depth (DUO M)	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C
Consumption on start-up	12 VDC 1200 mA 12 VAC 960 mA
Consumption on idle	12 VDC 80 mA 12 VAC 170 mA

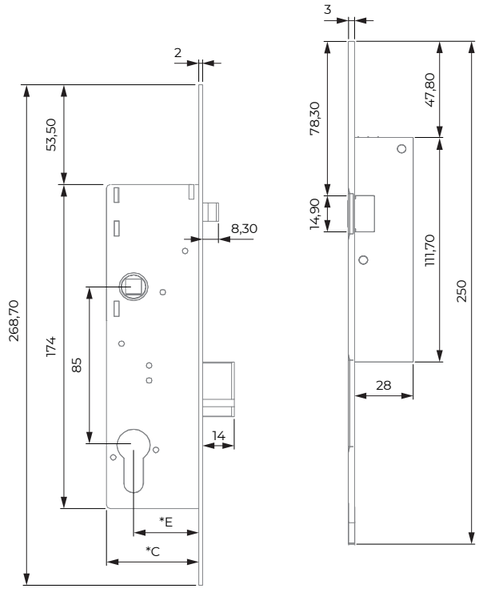
305 MONITORING · 12-24 AC/DC

3 C 5 0 - 0 0 1 0

EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical/Manual
Anti-thrust	Yes
Monitoring	Yes



USE WITH ACCESS CONTROL

The DUO 305 version was conceived for use in installations with any type of access control.

NOTE: See models and electrical specifications of page 183

DORCAS AUTOMATIC
DUO M

The DUO M lock is the mechanical part of the DUO set, **it is installed in the door leaf** and as it is completely mechanical it isn't necessary to wire the leaf.

The dimensions of the mechanical part meet the most common standards, making it **ideal for refitting**.

INSTALLATION SPECIFICATIONS

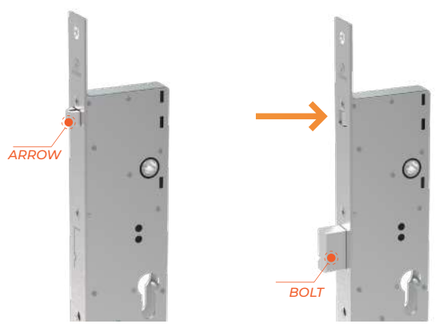
Type of installation	Flush-mounted
Reversible	Yes
Height	174 mm
Width	17 mm
Depth	C*
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

3	C	5	0	-	0	0	0	0

EN 14846-2008 - System 1

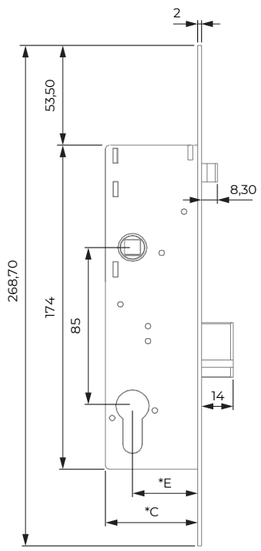
FUNCTIONS

Automatic closing	Yes
Opening	Manual
Anti-thrust	Yes
Monitoring	No



AUTOMATIC TRIGGERING

When the DUO is in the idle state, the arrow protrudes in its entirety. As this element is pressed, the bolt comes out until it is locked by the anti-thrust mechanism, so that when the door is closed, the bolt is automatically triggered.



NOTE: See models and electrical specifications of page 183

DORCAS AUTOMATIC
DUO E

The DUO E lock is the electrical part of the DUO set and **is installed in the door frame**.

The dimensions of the electrical part match the most commonly sold strikes, making it **ideal for refitting**.

INSTALLATION SPECIFICATIONS

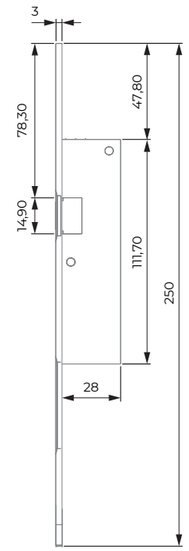
Type of installation	Flush-mounted
Reversible	Yes
Height	111.7 mm
Width	17 mm
Depth	28 mm
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

3	C	5	0	-	0	0	1 0	0

EN 14846-2008 - System 1

FUNCTIONS

Automatic closing	Yes
Opening	Electrical
Anti-thrust	No
Monitoring	Optional

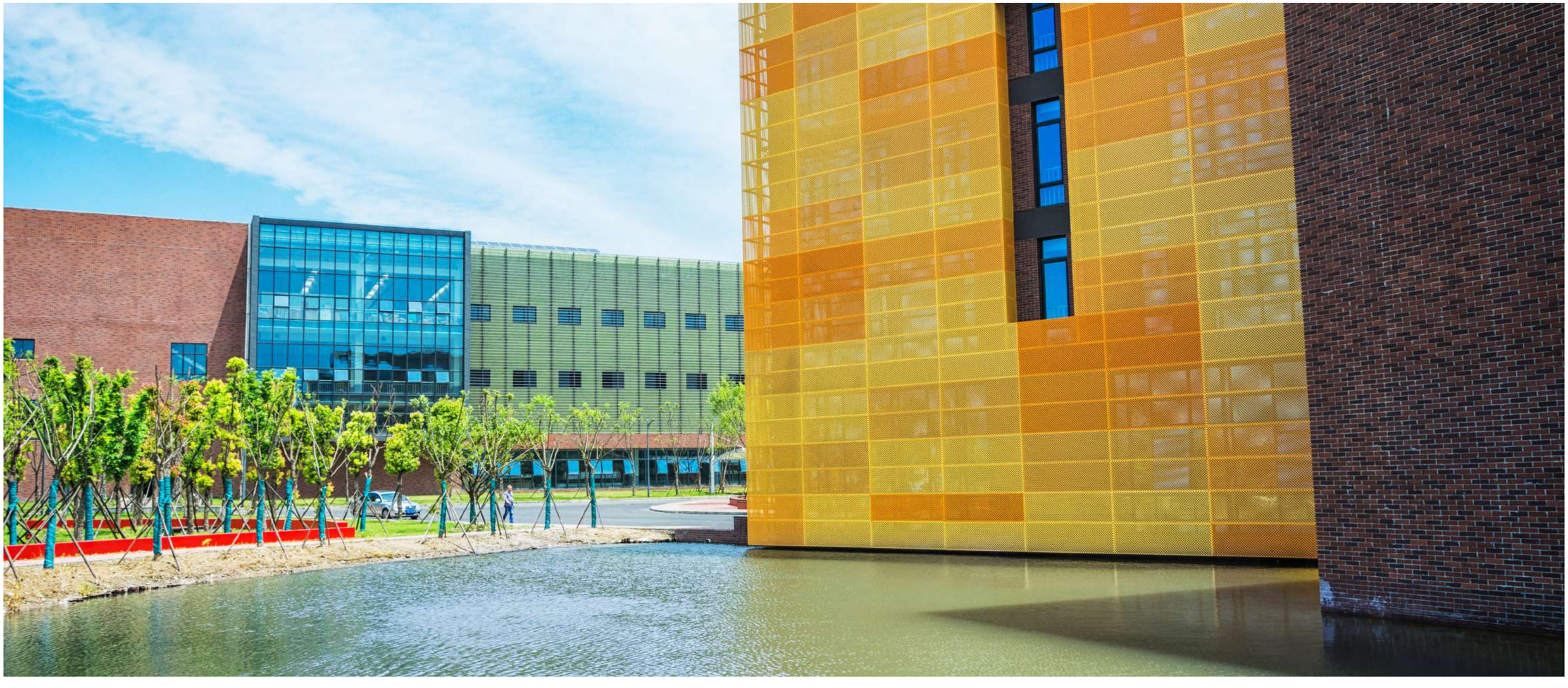


MINIMUM CONSUMPTION

The DUO E electromechanical lock offers a lower power consumption than the market standard; it only requires a pulse of 600mA in alternating current or 700mA in direct current.

NOTE: See models and electrical specifications of page 183

DORCAS
SELF-LOCKING



DORCAS

SELF-LOCKING

DSL

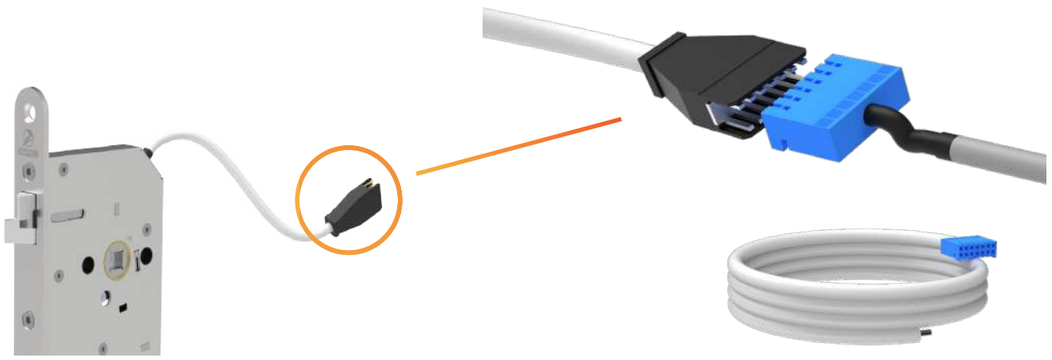
The DSL electromechanical lock is a **self-locking and automatic triggering** lock with panic exit system that guarantees the highest level of security and durability, with maximum certification, suitable for apartment buildings, schools, hotels and offices.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height	170 mm
Width	15 mm
Depth	C*
Voltage	10-24 VDC
Consumption	250 mA
Electrically tested cycles	200,000
Work temperature range	-20 / +50 °C

FUNCTIONS

Automatic closing	Yes
Opening	Manual
Anti-thrust	Yes
Monitoring	Yes
Acoustic signal	Yes
Panic handle	Optional



COMPATIBLE CONNECTOR

The connector incorporated in the DSL electromechanical lock is fully compatible with those already on the market, making it perfect for quick and easy replacement.

The connection cable has a 14-wire connector and is 6 m long.

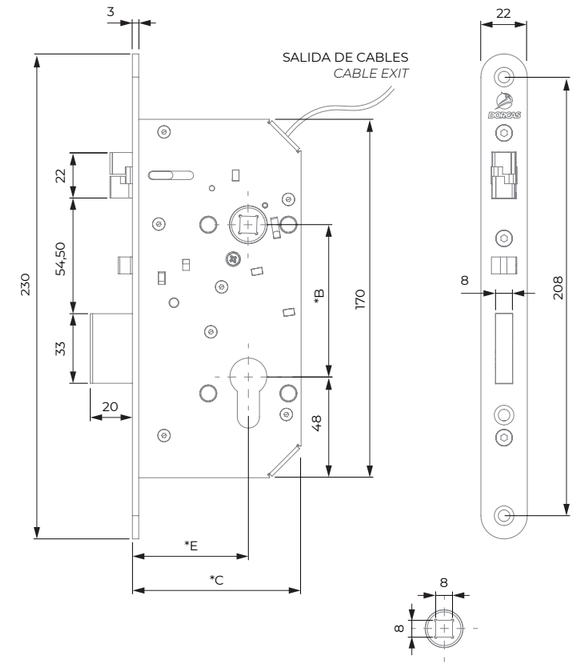
Ref: *L-DSL-CC6-------*

THE PERFECT SOLUTION FOR YOUR PEACE OF MIND! NEW

	B* (mm)	E* (mm)	C* (mm)
55/72	72	55	80
65/72	72	65	90
50/90	90	50	80
35/92	92	35	50
45/92	92	45	60

*E = Distance between the centre of the cylinder and the front.
*C = Total depth of the lock.
*B = Distance between the centre of the cylinder and the follower.

** In DSL type 35/92 and 45/92, the handle square will be 7.00 x 7.00 [mm]



MODELS

DSL 55/72

Ref: *L-DSL55/72------*
Ref: *L-DSL55/72FSA---*
Ref: *L-DSL55/72FSANP-*
Ref: *L-DSL55/72NP----*

DSL 65/72

Ref: *L-DSL65/72------*
Ref: *L-DSL65/72FSA---*
Ref: *L-DSL65/72FSANP-*
Ref: *L-DSL65/72NP----*

DSL 50/90

Ref: *L-DSL50/90------*
Ref: *L-DSL50/90FSA---*
Ref: *L-DSL50/90FSANP-*
Ref: *L-DSL50/90NP----*

DSL 35/92

Ref: *L-DSL35/92------*
Ref: *L-DSL35/92FSA---*
Ref: *L-DSL35/92FSANP-*
Ref: *L-DSL35/92NP----*

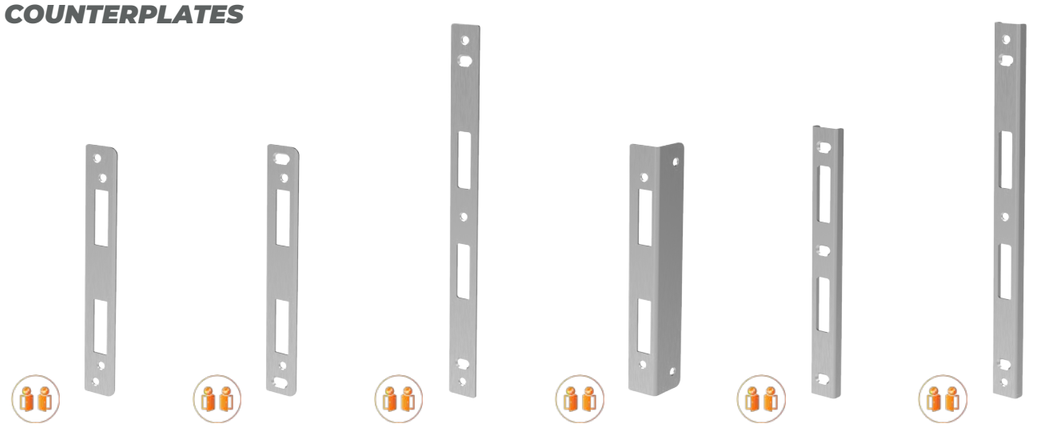
DSL 45/92

Ref: *L-DSL45/92------*
Ref: *L-DSL45/92FSA---*
Ref: *L-DSL45/92FSANP-*
Ref: *L-DSL45/92NP----*

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

NOTE: FSA=Fail safe - NP=No panic handle

COUNTERPLATES



DSL1
205x27x1.5 mm
Ref: E-DSL1------X---

DSL2
205x27x1.5 mm
Ref: E-DSL2------X---

DSL3
300x24x1.5 mm
Ref: E-DSL3------X---

DSL4
205x25x32 mm
Ref: E-DSL4------X---

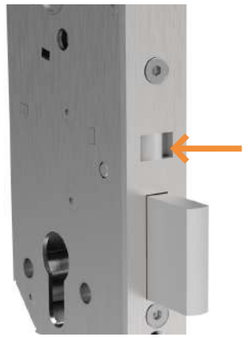
DSL5
220x22x8.5 mm
Ref: E-DSL5------X---

DSL6
300x22x8.5 mm
Ref: E-DSL6------X---

NOTE: If not otherwise indicated, the thickness (e) will be e=1.5 mm

TYPES OF OPENING

MECHANICAL OPENING Handle panic side and key cylinder.
ELECTRICAL OPENING Turning the outside handle during the electrical pulse.



AUTOMATIC TRIGGERING

When the door is closed, the trigger automatically extracts the bolt, providing extra security.

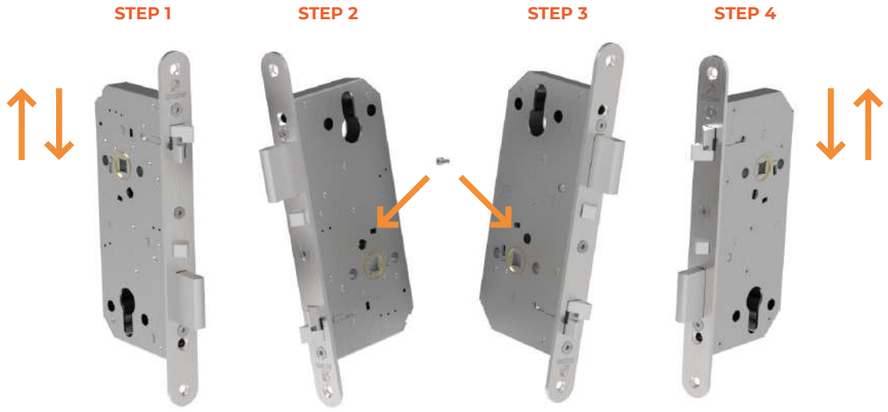
QUADRUPLE MONITORING

The DSL electromechanical lock incorporates three microphones for monitoring the status of the bolt (1), the handle (2), the trigger (3) and the key cylinder (4).

ANTI-THRUST

Both the bolt and the latch have an anti-thrust device, considerably improving their anti-vandal properties.

THE PERFECT SOLUTION FOR YOUR PEACE OF MIND! NEW



CHANGE OF PANIC SIDE

The easy change of the panic side allows us to change the orientation of the security handle, which will always open the door directly with or without power, normally located on the inside of the room.
To change side, just unscrew the Allen screw and screw it in on the opposite side.

FAIL SECURE - FAIL SAFE

The lock is available in both Fail Secure (normal operation) and Fail Safe (reversed operation) irrespective of the size chosen.

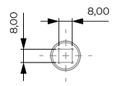
REVERSIBLE

It can work on any type of door, irrespective of whether they open to the left or right.

STANDARDS AVAILABLE

Available in different sizes meeting standards:

9/9
8/8
7/7



DORCAS

SELF-LOCKING

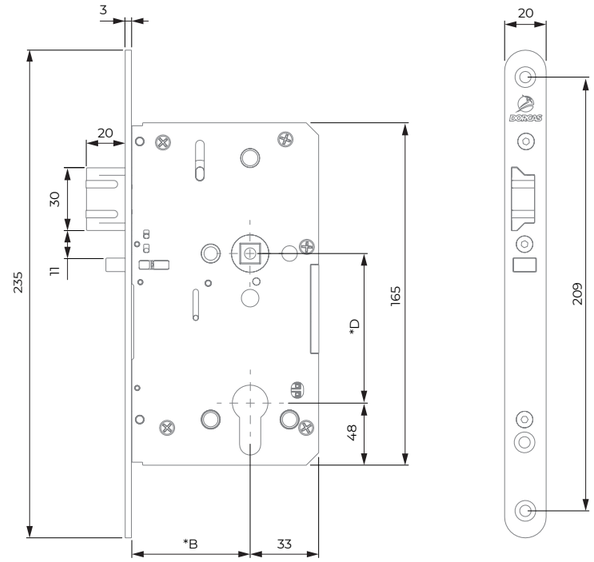
SC-LOCK

The SC-LOCK panic electric lock has a latch which is also a self-locking, anti-thrust security bolt. **The lock is locked at the same time the door is closed**, and can be unlocked using the handle, the key cylinder or electrically.

MAXIMUM SECURITY · FAIL SECURE · FAIL SAFE · 10/24 VDC · CE

NEEDLE (B*)	(50 / 60 / 65 / 70/ 80)
DISTANCE (D*)	PZ CYLINDER (70 / 72 / 88 / 92)
	RC CYLINDER (74 / 78 / 90 / 94)

B* = Distance between the centre of the cylinder and the front.
D * = Distance between the centre of the cylinder and the follower.



INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	No
Height	165 mm
Width	15 mm
Depth	B* + 33 mm
Electrically tested cycles	200,000
Work temperature range	-10 / +50 °C
Cylinder	European

FUNCTIONS

Automatic closing	Yes
Opening	Manual/Electrical
Anti-thrust	Yes
Monitoring	Yes
Acoustic signal	Yes
Panic handle	Optional

MODELS

CABLE

55/72
60/72
60/92
65/72

Power supply — 12 VDC
Consumption — 0.5 A

With just 2 wires, SC-Lock Cable transmits both power supply and status (monitoring) signals via the I/O Module.

WIRELESS

55/72
60/72
60/88
65/72
70/72
35/92
40/72
50/72
40/72
50/72
65/72
60/70

Battery — 2 x 1.5 V / 0.21 A batteries

Wireless SC-Lock is the battery version of the SC-Lock locks. It has all the benefits of a self-locking electromechanical lock but without the need to wire the door or frame thanks to a built-in battery that lasts for 18 months.
Easy battery replacement.

INDUCTIVE

55/72
60/72
35/92
45/72

Power supply — 9-24 VDC
Consumption — 530 mA (9 V)
400 mA (12 V)
200 mA (24 V)

The inductive version of the SC-Lock is ideal for installations where it is not possible to wire the door leaf but power supply is available in the frame.
With the inductive mode, electricity is transferred to the lock in order to charge the battery while the door is closed.

SELF-LOCKING

The SC-LOCK electric lock provides high security thanks to the self-closing feature and its 20 mm bolt.

PANIC

The panic feature ensures that it can always be opened from inside the room.

MONITORING

Monitoring and multiple electrical opening modes available thanks to the electronic I/O module.

For the models indicated DORCAS has availability both in **FAIL SECURE** and in **FAIL SAFE** operation.

DORCAS MOTORISED

COMPLETE AND SAFE! NEW

DORCAS

MOTORISED

MZ-LOCK

Motorised **high-security lock for simple and interlocking doors**. Mechanical opening with European cylinder. Management delegated to the electronic control system (electronic control unit).

Stainless steel counterplate with non-return ball

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	351 mm
Width	25 mm
Depth	33 mm
Voltage	12 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	4000 mA
Consumption on idle	100 mA

FUNCTIONS

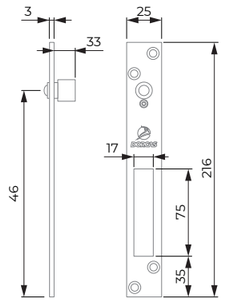
Operation	Fail safe
Monitoring*	Yes
LED signalling	No
Timing	No

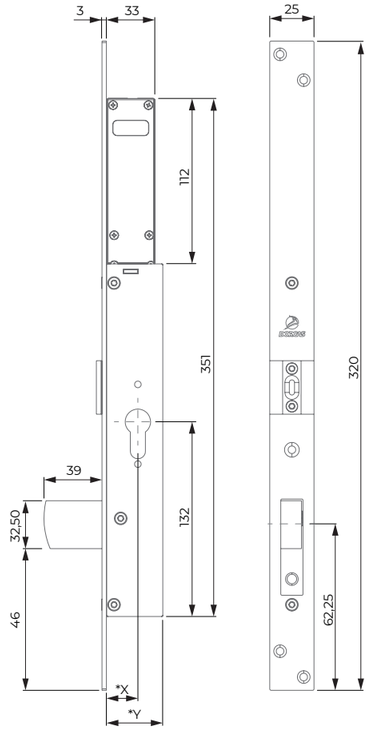
*Position of the leaf.

Electronic control unit for controlling the operation of a door.

Installation	Flush-mounted
Material	Grey ABS
Power supply	12 VDC
Start-up current	4000 mA
Idle current	100 mA

	X* (mm)	Y* (mm)
MZ 20	17	33
MZ 25	22	38
MZ 30	27	43
MZ 35	32	48
MZ 40	47	63





DORCAS

DORCAS

ELECTRIC DROP BOLT

TIMED + LED! NEW

DORCAS V7

ELECTRIC DROP BOLT

Electric drop bolt V7 with **small size and high power.** Timing of 0 - 3 - 6 seconds, signalling by LED (red/green).

Low-consumption, environmentally friendly electric drop bolt.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	125 mm
Width	24.50 mm
Depth	35 mm
Voltage	12-24 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	12 VDC 1125 mA 24 VDC 2245 mA
Consumption on idle	12 VDC 240 mA 24 VDC 240 mA
Retention force	2600 lb (1200 kg)

FUNCTIONS

Operation	Fail secure or fail safe
Monitoring*	Yes
LED signalling	Yes
Timing	0 - 3 - 6 s

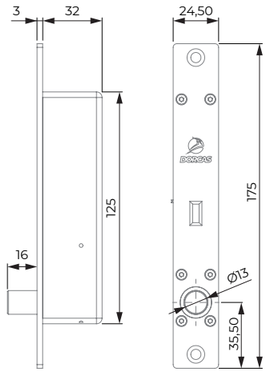
*Position of the bolt.

For this model DORCAS is available in both **FAIL SECURE** and in **FAIL SAFE** operation.

TIMING

Simple and quick, with access on the electric piston side.

Settable to 0 - 3 - 6 seconds.



TIMING + LED + KEY CYLINDER! NEW

DORCAS V8

ELECTRIC DROP BOLT

Electric drop bolt V8 with **reversed operation.** Timing of 0 - 3 - 6 seconds, signalling by LED (red/green). Includes the possibility of installing a long cam key cylinder.

Low-consumption, environmentally friendly electric drop bolt.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	195 mm
Width	29.50 mm
Depth	48 mm
Voltage	12-24 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	12 VDC 1125 mA 24 VDC 2245 mA
Consumption on idle	12 VDC 240 mA 24 VDC 240 mA
Retention force	2600 lb (1200 kg)

FUNCTIONS

Operation	Fail safe
Monitoring*	Yes
LED signalling	Yes
Timing	0 - 3 - 6 s

*Position of the bolt.

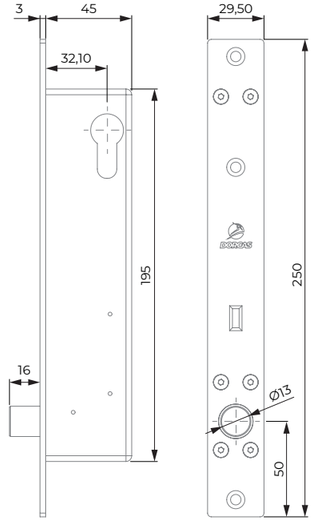
TIMING

Simple and quick, with access on the electric piston side.

Settable to 0 - 3 - 6 seconds.

KEY CYLINDER

The electric piston includes the possibility of installing a long cam key cylinder.



DORCAS V9

ELECTRIC DROP BOLT

Electric drop bolt V9 is designed for doors with **glass frame and glass leaf**. Timing of 0 - 3 - 6 seconds, signalling by LED (red/green).

Low-consumption, environmentally friendly electric drop bolt.

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	145 mm
Width	38 mm / 26 mm
Depth	44 mm
Voltage	12-24 VDC
Tested cycles	500,000
Operating temperature	-10 °C / +55 °C
Consumption on start-up	12 VDC 1000 mA 24 VDC 500 mA
Consumption on idle	12 VDC 110 mA 24 VDC 55 mA
Retention force	7800 N (800 kg)

FUNCTIONS

Operation	Fail secure or fail safe
Monitoring*	Yes
LED signalling	Yes
Timing	0 - 3 - 6 s

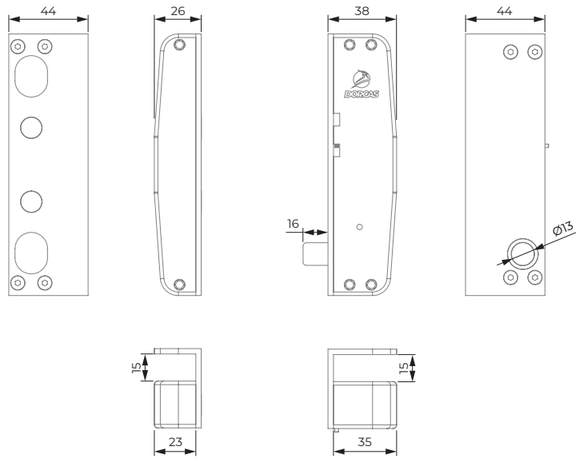
*Position of the bolt.

For this model DORCAS is available in both **FAIL SECURE** and in **FAIL SAFE** operation.

TIMING

Simple and quick, with access on the electric piston side.

Settable to 0 - 3 - 6 seconds.



DORCAS V10

ELECTRIC DROP BOLT

Electric drop bolt provided with opening by key cylinder. **Its operation can be set to reversed mode (fail safe) or to normal mode (fail secure)**. It is ideal for double leaf doors and has a monitoring sensor that identifies whether the door is open or closed.

It is made in stainless steel and is fire-resistant

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	224.50 mm
Width	27 mm
Depth	38 mm
Voltage	12-24 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	12 VDC 1500 mA 24 VDC 840 mA
Consumption on idle	12 VDC 200 mA 24 VDC 100 mA

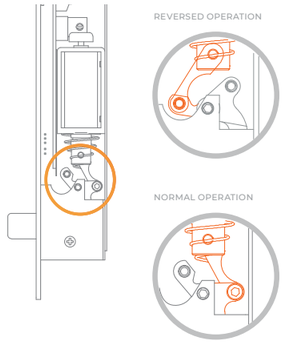
FUNCTIONS

Operation	Fail secure / Fail safe
Monitoring*	Yes
LED signalling	No
Timing	0 - 3 - 6 s

*Position of the bolt.

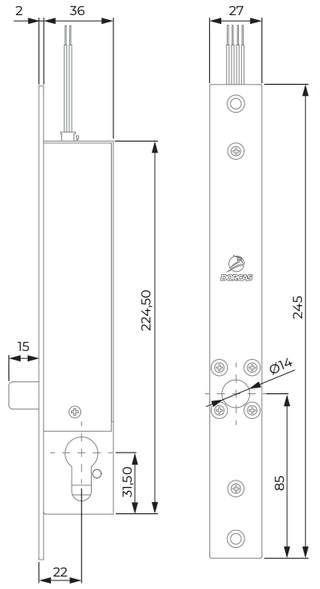
KEY CYLINDER

The electric piston includes the possibility of installing a long cam key cylinder.



FAIL SECURE - FAIL SAFE

To change from fail secure to fail safe and vice versa, we need to change the position of the internal cam.



MAXIMUM SECURITY, EXTRA STRONG! NEW

DORCAS

ELECTRIC DROP BOLT

V14

Electric security drop bolt with **automatic opening by means of European cylinder and handle**. Hardened steel, anti-shear, rotating bolt with mechanical locking in the closed position.

Connection via quick-coupling connection.

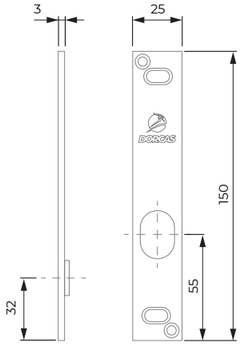
INSTALLATION SPECIFICATIONS

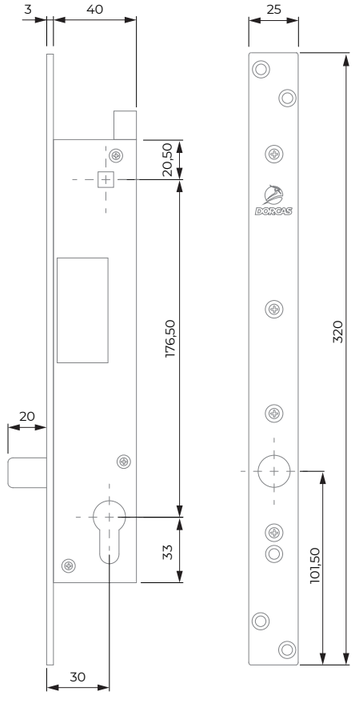
Type of installation	Flush-mounted
Height	230 mm
Width	22 mm
Depth	40 mm
Voltage	12-24 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	12 VDC 2500 mA 24 VDC 3000 mA
Consumption on idle	12 VDC 130 mA 24 VDC 230 mA
Lateral force	10025 N (1020 kg)
Axial force	6000 N (610 kg)

FUNCTIONS

Operation	Fail secure
Monitoring*	Yes
LED signalling	No
Closing temp.	0 - 5 s
Opening temp.	0 - 60 s

*Bolt position and leaf position.





SURFACE-MOUNTED CASING

The V140 accessory is a casing that allows the V14 to be surface-mounted for installations in which flush-mounting it is not possible.

HIGH SECURITY FOR GATES! NEW

DORCAS

ELECTRIC DROP BOLT

V15

High security electric drop bolt for gates.

Mechanical opening with European cylinder (through-hole from both sides) - cylinder not included. Protection of the cylinder's orifice against atmospheric rubber agents.
Steel bolt 18 mm in diameter and 28 mm long. Lock body in stainless steel.

INSTALLATION SPECIFICATIONS

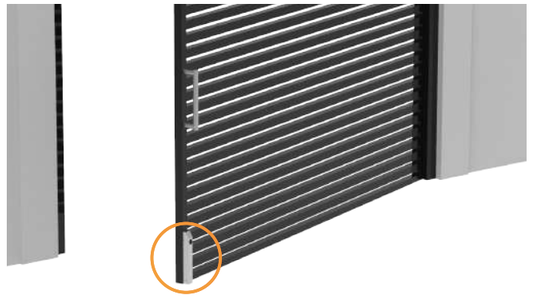
Type of installation	Flush-mounted
Height	300 mm
Width	41 mm
Depth	45.50 mm
Voltage	24 VDC
Tested cycles	300,000
Operating temperature	-20 °C / +50 °C
Consumption on start-up	24 VDC 3000 mA
Consumption on idle	24 VDC 300 mA

FUNCTIONS

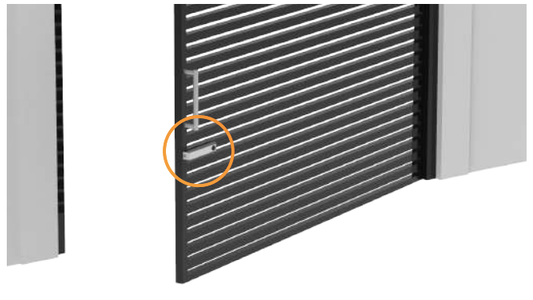
Operation	Fail safe
Monitoring*	Yes
LED signalling	No
Timing	No

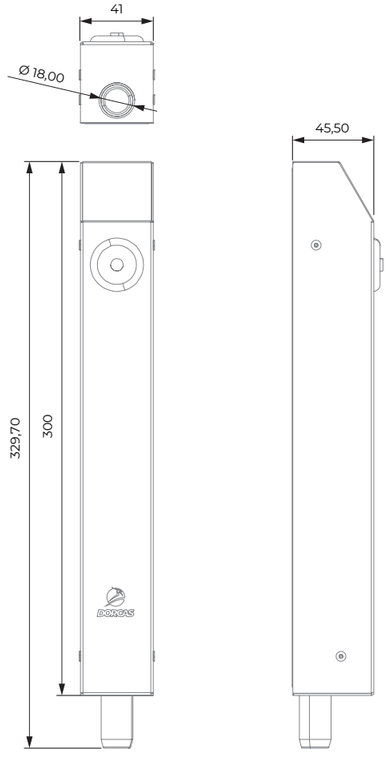
*Position of the bolt.

VERTICAL INSTALLATION



HORIZONTAL INSTALLATION





DORCAS

SURFACE-MOUNTED

DORCAS

SURFACE-MOUNTED

D96/B

REVERSIBLE

The D96 is reversible and has an adjustable outer cylinder (inlets from 50 to 70 mm). It works in either alternating current or direct current and its coil is waterproofed in order to extend its useful life.

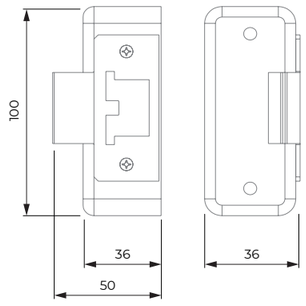
The D96/B version incorporates a cylinder on the inside **allows you to lock the opening button** leaving only electric opening from the inside enabled.

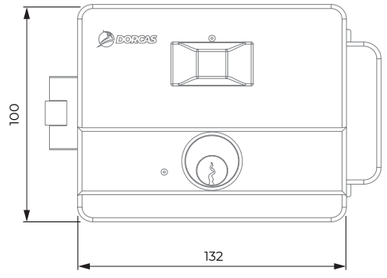
INSTALLATION SPECIFICATIONS

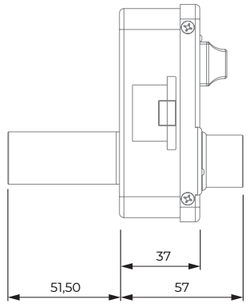
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	104 mm
Width	155 mm
Depth	108.50 mm
Input current	12VDC / 12VAC
Consumption of direct current	1700 mA
Consumption of alternating current	815 mA
Tested cycles	200,000
Operating temperature	-15 °C / +40 °C

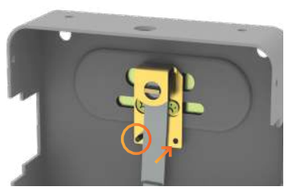
FUNCTIONS

Electric opening	Yes
Key opening	Yes
Manual opening	Yes
Led	No
Sound	No



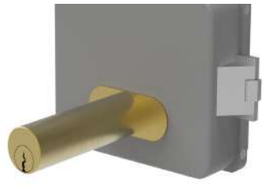






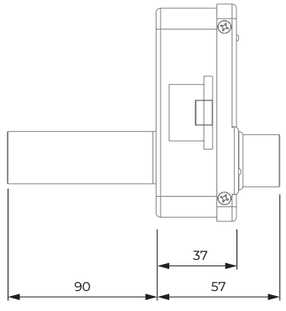
CHANGE OF HAND

We can change the hand of the D96 lock by simply opening it, rotating the inner mechanism 180° and changing one of the pins on the side.



CYLINDER EXTENDER

The standard outside cylinder has a length of 50 mm. With the CL extender, however, we can give it a maximum length of 90 mm.



DORCAS

SURFACE-MOUNTED

D96/C

REVERSIBLE

The D96 is reversible and has an adjustable outer cylinder (inlets from 50 to 70 mm). It works in either alternating current or direct current and its coil is waterproofed in order to extend its useful life.

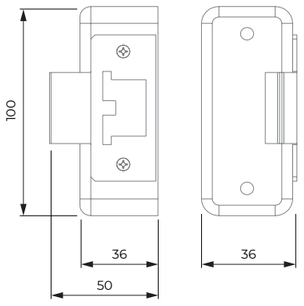
Unlike the D96/B version, the D96/C version only **has the electric opening option enabled on the inside.**

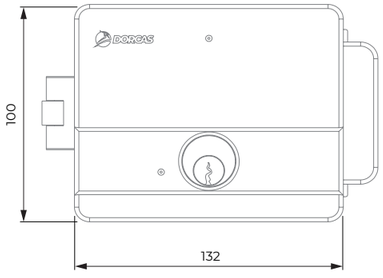
INSTALLATION SPECIFICATIONS

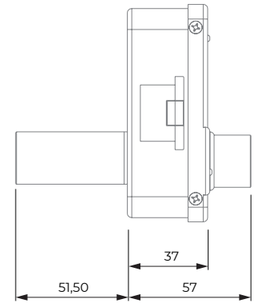
Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	104 mm
Width	155 mm
Depth	108.50 mm
Input current	12VDC / 12VAC
Consumption of direct current	1700 mA
Consumption of alternating current	815 mA
Tested cycles	200,000
Operating temperature	-15 °C / +40 °C

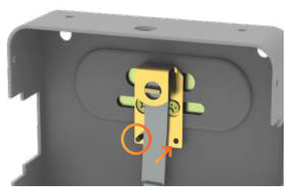
FUNCTIONS

Electric opening	Yes
Key opening	Yes
Manual opening	No
Led	No
Sound	No



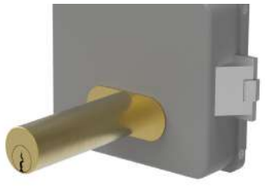






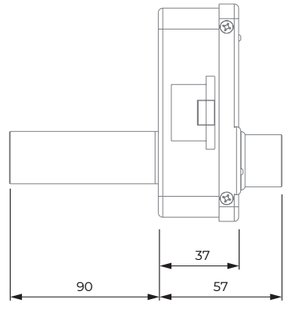
CHANGE OF HAND

We can change the hand of the D96 lock by simply opening it, rotating the inner mechanism 180° and changing one of the pins on the side.



CYLINDER EXTENDER

The standard outside cylinder has a length of 50 mm. With the CL extender, however, we can give it a maximum length of 90 mm.



DORCAS

SURFACE-MOUNTED

D94

MOTORISED

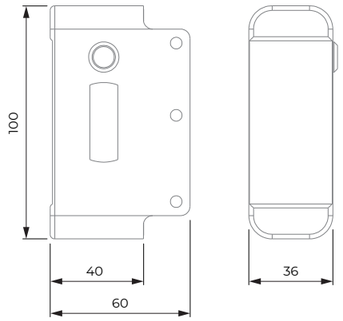
The D94 is a complete **motorised , reversible electric lock** intended for surface-mounted installations. Their motor-driven opening makes them low-consumption as well as silent.
Opening can be done by remote control, with a 125Khz card (up to 2000 users) and by key.

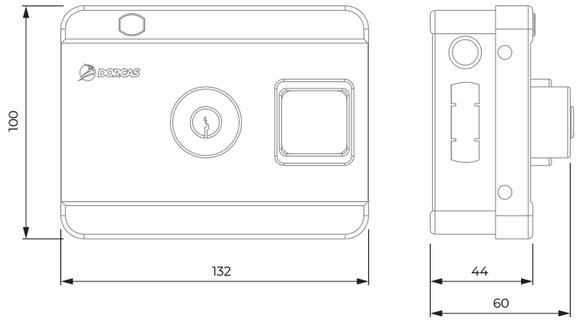
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Symmetrical	No
Height	96 mm
Width	126 mm
Depth	42 mm
Input current	12VDC
Consumption when stationary	60 mA
Tested cycles	200,000
Operating temperature	-15 °C / +40 °C

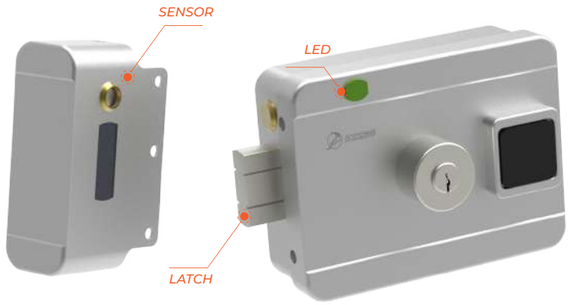
FUNCTIONS

Read range	5-15 m
Remote control	Up to 500 m
Card	Yes (125Khz)
Capacity (cards)	2000 cards
LED	Yes
Sound	No





It has an LED light that indicates the opening and the closing. It also has a self-locking latch thanks to a closed door detection sensor.



MECHANICAL LOCKS

WHAT IS A MECHANICAL LOCK?

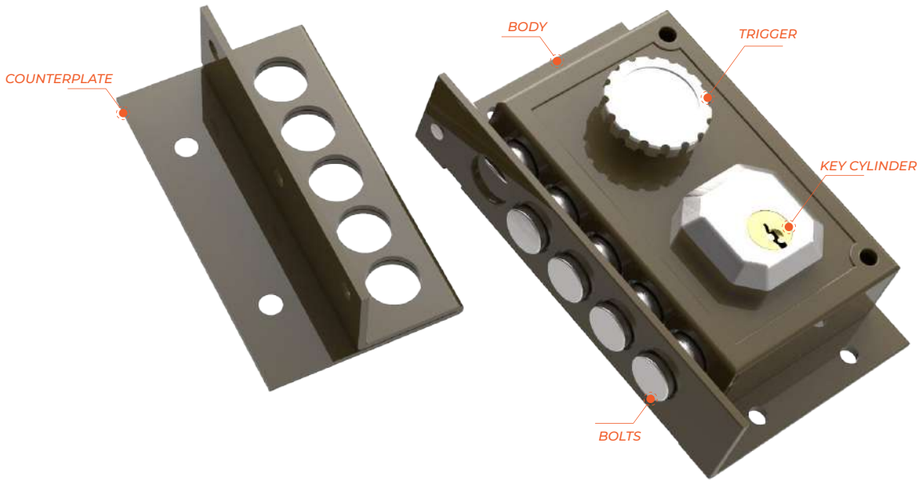
Mechanical locks are those that need a key to activate and deactivate the locking system. The DORCAS range is manufactured in highly resistant materials, which give them a very long useful life.

PARTS OF A MECHANICAL LOCK

The most important parts of a mechanical lock are the type of key and the cylinder At DORCAS we have different versions for each model.

The body is the most voluminous part and the part that includes the most parts of the lock. The cylinder is the elongated piece with the slot where the key is inserted. The bolts are what make the lock secure. Can include a trigger for opening from the inside.

The counterplate is the only part that goes outside the body. It captures the bolts when they are out.



WHERE IS IT INSTALLED?

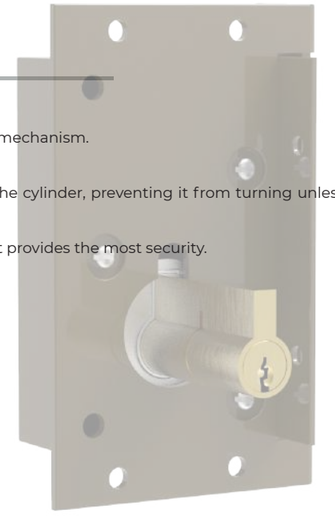
DORCAS has at your disposal surface-mounted mechanical locks, which are the ones that, once installed, are left exposed on one side of the door, which for security reasons would be on the side that is inside the house.
The lock body is installed on the door leaf, while the counter plate is installed on the door frame.

This type of locks need the hand to be determined.

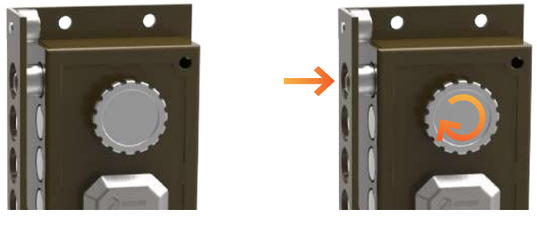
OPERATION

Mechanical locks are those that need a key to activate and deactivate the locking mechanism.

The lock cylinder has a series of internal pins, which are responsible for locking the cylinder, preventing it from turning unless the correct key is inserted. DORCAS offers different cylinder and key versions.
The lock's bolts can only enter or exit the lock by using the key. This is the part that provides the most security.



The mechanical lock C91 includes a trigger in order to give it free actuation (with the hand) on the inside.



REGULATION DIN 107

Standing on the side from which we are pulling the door, if the hinges are seen on the left, it will be a din left door.

You need to order a DIN LEFT or right-hand strike.

Standing on the side from which we are pulling the door, if the hinges are seen on the right, it will be a din right door.

You need to order a DIN RIGHT or left-hand strike.

DORCAS

HIGH SECURITY

C91

Surface-mounted lock, high-resistance due to its robustness. Anti-pressure swivel bushing. Door level setting corrector It has four round reinforced bolts.

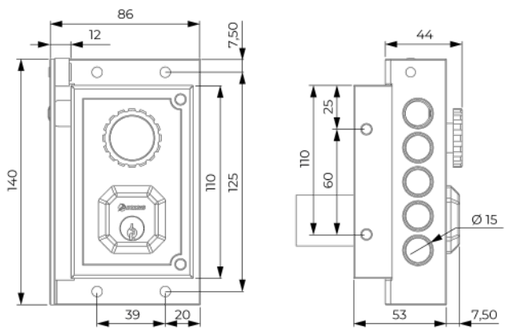
Version with trigger for opening from the inside.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	140 mm
Width	86 mm
Depth	44 mm
Resistance to breakage	200,000
Work temperature range	-10 / +50 °C

FUNCTIONS

Automatic closing	Yes
Opening	Key
Catch on the inside	Yes
Antileverage	Yes



SECURITY BOLTS

It has four stainless steel bolts with two turns for maximum security.

MODELS

C91 It has a round cylinder and serrated key. 3 keys included.

C911 It has a round cylinder and securiity key. 5 keys included.

C9111 It has a standard cylinder and serrated key. 3 keys included.

DORCAS

HIGH SECURITY

C92

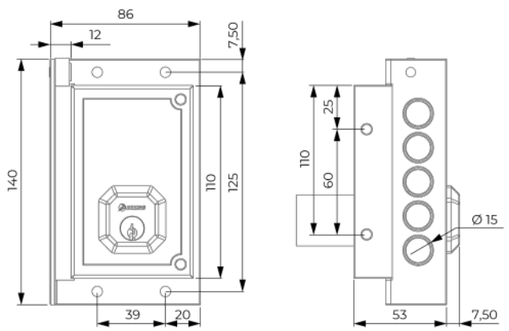
Surface-mounted lock, high-resistance due to its robustness. Anti-pressure swivel bushing. Door level setting corrector It has five round reinforced bolts.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	No
Symmetrical	No
Height	140 mm
Width	86 mm
Depth	44 mm
Resistance to breakage	200,000
Work temperature range	-10 / +50 °C

FUNCTIONS

Automatic closing	Yes
Opening	Key
Catch on the inside	No
Antileverage	Yes



SECURITY BOLTS

It has four stainless steel bolts with two turns for maximum security.

MODELS

C92 It has a round cylinder and serrated key. 3 keys included.

C922 It has a round cylinder and securiity key. 5 keys included.

C9222 It has a standard cylinder and serrated key. 3 keys included.

ELECTROMAGNETIC LOCKS

WHAT IS AN ELECTROMAGNETIC LOCK?

An electromagnetic lock is an electromagnet and a counter plate. This electromagnet is installed on the door frame and the counterplate is installed on the leaf. When current is supplied, the counter plate stays fixed to the electromagnet and the door stays closed. The operation is reversed: the door opens when the electric current is cut.

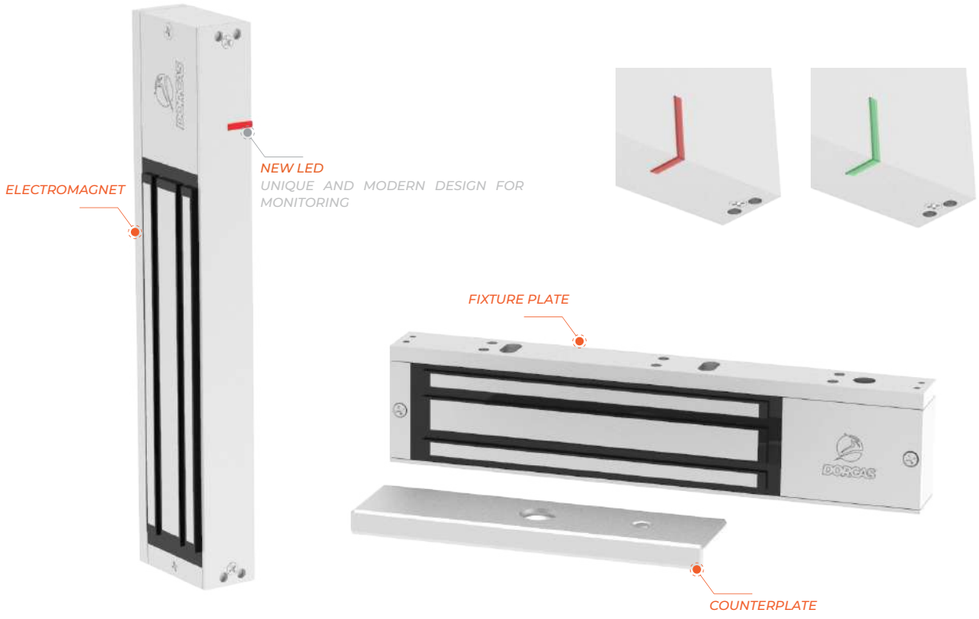
DORCAS

ELECTROMAGNETIC LOCKS

PARTS OF AN ELECTROMAGNETIC LOCK

An electromagnetic lock has two basic parts:

The **electromagnet** is the part that receives the electric current. In its solenoid an electromagnetic field is generated which locks the counterplate with force and closes the door. The **counterplate** is the part that sticks to the electromagnet. It is key to its operation and is made of ferromagnetic material and must be perfectly aligned with the electromagnet's solenoid. We also have the fixture plate on the surface-mounted electromagnetic locks. With it we fix the electromagnet to the door frame. At the bottom, so that it is more visible once installed.



WHAT DO DORCAS ELECTROMAGNETIC LOCKS HAVE TO OFFER?

POWER SUPPLY It allows bi-voltage operation at both 12 and 24 volts, with the advantage that the changeover is automatic.

SIGNALLING New modern and innovative lighting on the market to be able to quickly visualise the status of the installation, high intensity LEDs visible from two sides and therefore more effective.

MONITORING 1 HALL SENSOR. A Hall sensor on the electromagnetic lock detects and indicates whether the door is locked/unlocked. In this case, we get a visual signal from the LED, locked (green) or unlocked (red).

MONITORING 2 REED SENSOR. A Reed sensor on the electromagnetic lock detects and indicates whether the door is open/closed. In this case, we get an external signal.

TIMING There are situations where we need the system to stay unlocked for a few seconds to keep the door open and give the user time to enter/exit. There are also situations in which we need to delay the electromagnet's locking time. For these situations we have a timer, which can go from 0.5 to 25 seconds.

OPERATION

The electromagnetic locks' operation is reversed, so when the door is closed, the electromagnet and the counterplate are aligned and touching each other. As the electromagnetic lock's electromagnet is powered up, it receives flow of direct current, thereby exerting an attractive force on the counterplate, which sticks to it, which keeps the door closed. The door opens when this magnetic field is interrupted when the electric current is cut and the counterplate detaches from the electromagnet and we can open the door. This system uses direct current, because if they were connected in alternating current they wouldn't work due to the vibrations generated. It is recommended to install them with a stabilised power source.

In this redesign of the DORCAS electromagnetic locks we have optimised the electronic circuit so that it doesn't need to be manipulated when changing from 12 or 24 volts, as this changeover is automatic in all electromagnetic lock models.

TYPOLOGY

Flush-mounted electric locks are mortised inside the frame and the leaf of the door thus offering architects and engineers a great solution to their attractiveness and security problems. This type of electromagnetic lock is ideal for sliding doors, although they can be installed on hinged doors without any problem. They can be mounted both on one and two leaves.

Those of the **shearlock** type are suitable for back and forth doors, both single and double-leaf (provided that one of them is fixed). The retention force we achieve is a shear force, as opposed to that with everyday electromagnetic locks, which is a tensile force.

Surface-mounted electromagnetic locks are installed on the door frame and the door leaf, making installation much easier as there is no need to make any cut-out in the door. This type of electromagnetic locks are very durable and very low-maintenance.

MOUNTING OPTIONS

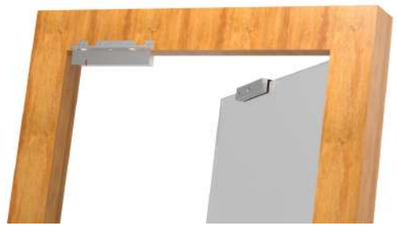
There are occasions when a common installation is not possible, either because of the opening (inwards or outwards) or because of the type of door (wood, glass, etc.). When this happens, it is necessary to use these electromagnetic locks' accessories.
These accessories are easy to install and some serve for several electromagnetic lock models.

They can be mounted both on one and two leaves.

ELECTROMAGNET - ACCESSORY L
COUNTERPLATE - WITHOUT ANYTHING

ELECTROMAGNET - ACCESSORY L
COUNTERPLATE - ACCESSORY Z

ELECTROMAGNET - WITHOUT ANYTHING
COUNTERPLATE - ACCESSORY Z



ELECTROMAGNET - ACCESSORY L
COUNTERPLATE - ACCESSORY Z

ELECTROMAGNET - WITHOUT ANYTHING
COUNTERPLATE - ACCESSORY F

ELECTROMAGNET - ACCESSORY L
COUNTERPLATE - ACCESSORY F

ELECTROMAGNET - WITHOUT ANYTHING
COUNTERPLATE - ACCESSORY F

ELECTROMAGNET - ACCESSORY L
COUNTERPLATE - ACCESSORY F

ACCESSORIES

At DORCAS we have installation plates available, which are designed for the different types of door, such as, for example, '**L**' plates for outward opening doors, with narrow profiles with not enough space to mount the electromagnet, '**Z**' plates for installations opening inwards, thus enabling the electromagnet to be mounted on the frame, ensuring that it is positioned on the inside, thus preventing its manipulation. The '**ZL**' kit, which incorporates the L plate and the Z plate, is available for purchase.

We have more special accessories, such as the '**C**' accessory, with which we obtain a more attractive installation; the '**U**' accessory enables installation in glass doors - with this accessory we will have to combine it with the 'ZL' accessory; finally, the '**F**' accessory for RF doors - by adding the accessory, we avoid having to drill into the door, which would lead to us losing the certification.

We also have accessories like the **S2500** which allows us to do a surface-mounted installation with a surface-mounted electromagnetic lock (M2500X)

L300
159x39x26 mm Series M300

Ref: *M300-L---------*

Z300
130x80xRegulable mm Series M300

Ref: *M300-Z---------*

ZL300
159x39x26 mm Series M300
130x80xRegulable mm

Ref: *M300-ZL---------*

C300
159x39x26 mm Series M300

Ref: *M300-C---------*

U300
130x46x28 mm Series M300

Ref: *M300-U---------*

F300
145x60x12 mm Series M300

Ref: *M300-F---------*

L600
250x47x30.5 mm Series M600

Ref: *M600-L---------*

Z600
180x101xRegulable mm Series M600

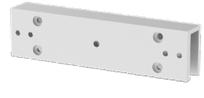
Ref: *M600-Z---------*

ZL600
250x47x30.5 mm Series M600
180x101xRegulable mm

Ref: *M600-ZL---------*

C600
250x47x30.5 mm Series M600

Ref: *M600-C---------*



U600
180x46x28 mm Series M600

Ref: *M600-U---------*

F600
195x60x12 mm Series M600

Ref: *M600-F---------*

L1200
266x60x40 mm Series M1200

Ref: *M1200-L---------*

Z1200
190x110xRegulable mm Series M1200

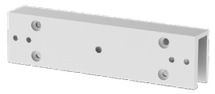
Ref: *M1200-Z---------*

ZL1200
266x60x40 mm
190x110xRegulable mm Series M1200

Ref: *M1200-ZL--------*

C1200
266x76.5x38 mm Series M1200

Ref: *M1200-C---------*



U1200
185x70x38.5 mm Series M1200

Ref: *M1200-U---------*

F1200
200x85x26 mm Series M1200

Ref: *M1200-F---------*

SURFACE-MOUNTED CASINGS

S2500
185x33x34 mm Series M2500X

Ref: *M2500X-S--------*

OPTIMAL FOR SMALL SPACES! NEW

DORCAS ELECTROMAGNETIC LOCK

M120 SERIES

120 lb
60 kg

Electromagnetic lock with **retention force of 120lb** (60 kg) intended to be surface-mounted. It includes electromagnetic locking element, counterplate and fixture plate.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	80 mm
Width	38 mm
Depth	25 mm
Retention force	120 lb / 60 kg
Voltage	12 VDC
Consumption (12 VDC)	130 mA
Material	Aluminium

REGULATION

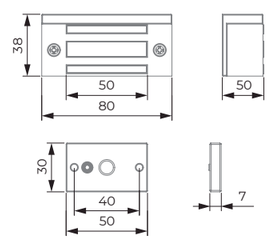
Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

MODELS

M120R

Installation	Surface-mounted
Power supply	12 VDC
Signalling	No
Monitoring	No
Timing	No

Ref: *M-M120R---------*



DORCAS

ELECTROMAGNETIC LOCK

M300 SERIES

300 lb
180 kg

Electromagnetic lock with **retention force of 300lb** (180 kg) intended to be either surface-mounted or flush-mounted. It includes electromagnetic locking element, counterplate and fixture plate.

Has an outlet for monitoring the state of the locking and visual signalling (LED).

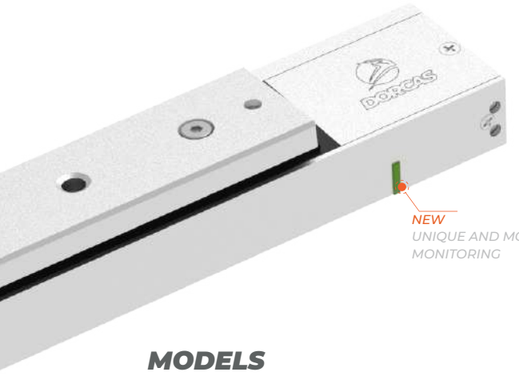
12/24 VDC · EASY · CE

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	40 mm
Width	170 mm
Depth	21 mm
Retention force	300 lb / 180 kg
Voltage	12 / 24 VDC
Consumption (12VDC)	310 mA
Consumption (24VDC)	170 mA
Material	Aluminium

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

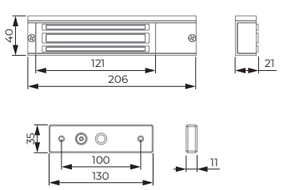


MODELS

M300R

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	No
Monitoring	No
Timing	No

Ref: *M-M300R--------*

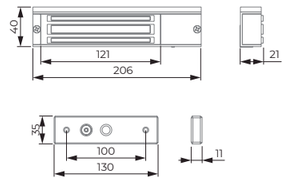


UNIQUE, MODERN LED! NEW

M300R LS

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes
Timing	No

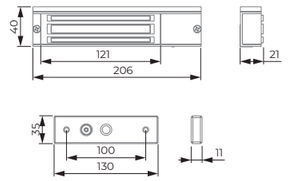
Ref: *M-M300RLS-------*



M300R L2S

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes (x2)
Timing	No

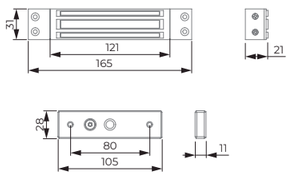
Ref: *M-M300RL2S------*



M300M

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling	No
Monitoring	No
Timing	No

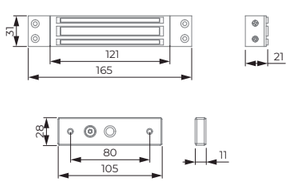
Ref: *M-M300M--------*



M300M S

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling	No
Monitoring	Yes
Timing	No

Ref: *M-M300MS--------*



DORCAS

ELECTROMAGNETIC LOCK

M600 SERIES

600 lb
280 kg

Electromagnetic lock with **retention force of 600lb** (280 kg) intended to be surface-mounted. It includes electromagnetic locking element, counterplate and fixture plate.

Has an outlet for monitoring the state of the locking and visual signalling (LED).

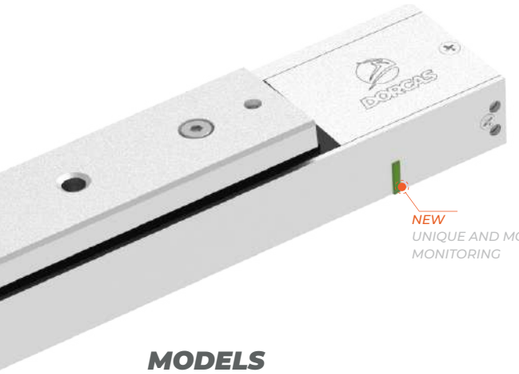
12/24 VDC · EASY · CE

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	53 mm
Width	250 mm
Depth	27 mm
Retention force	600 lb / 280 kg
Voltage	12 / 24 VDC
Consumption (12 VDC)	400 mA
Consumption (24VDC)	200 mA
Material	Aluminium

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

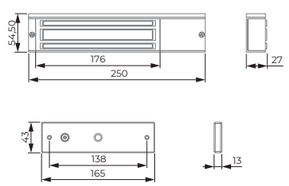


MODELS

M600R

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	No
Monitoring	No
Timing	No

Ref: *M-M600R---------*

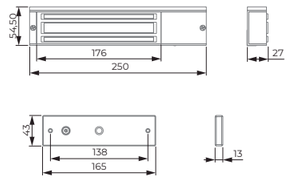


UNIQUE, MODERN LED! NEW

M600R LS

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes
Timing	No

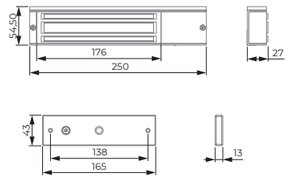
Ref: *M-M600RLS-------*
Ref. Black: *M-M600RLS-------*



M600R TLS TIME DELAY

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes
Timing	Yes

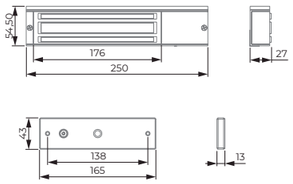
Ref: *M-M600RTLS------*



M600R L2S

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes (x2)
Timing	No

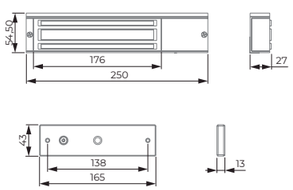
Ref: *M-M600RL2S------*



M600R TL2S TIME DELAY

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes (x2)
Timing	Yes

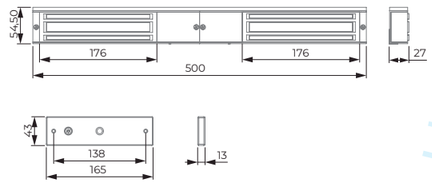
Ref: *M-M600RTL2S-----*



M600D RLS

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes
Timing ——— No

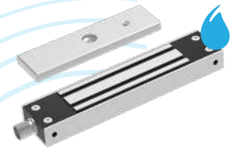
Ref: *M-M600DRLS------*

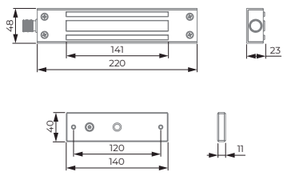


M600W RS WATERPROOF

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— No
Monitoring ——— Yes
Timing ——— No

Ref: *M-M600WRS-------*

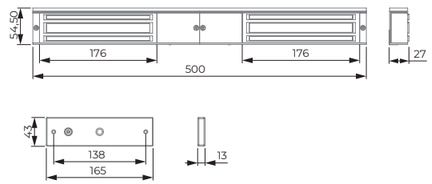




M600D RTLS TIME DELAY

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes
Timing ——— Yes

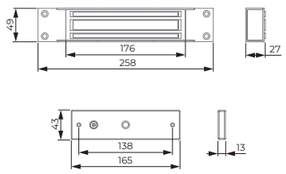
Ref: *M-M600DRTLS-----*



M600M

Installation ——— Flush-mounted
Power supply ——— 12/24 VDC
Signalling ——— No
Monitoring ——— No
Timing ——— No

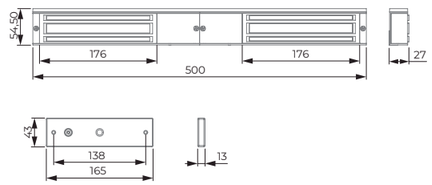
Ref: *M-M600M---------*



M600D RL2S

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes (x2)
Timing ——— No

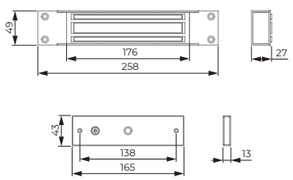
Ref: *M-M600DRL2S-----*



M600M S

Installation ——— Flush-mounted
Power supply ——— 12/24 VDC
Signalling ——— No
Monitoring ——— Yes
Timing ——— No

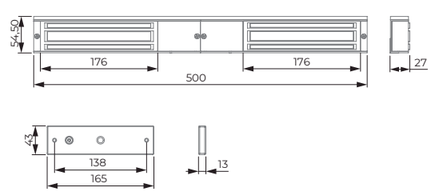
Ref: *M-M600MS--------*



M600D RTL2S TIME DELAY

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes
Timing ——— Yes

Ref: *M-M600DRTL2S----*



DORCAS

ELECTROMAGNETIC LOCK

M1200 SERIES

1200 lb
500 kg

Electromagnetic lock with **retention force of 1200lb** (500 kg) intended to be surface-mounted. It includes electromagnetic locking element, counterplate and fixture plate.

Has an outlet for monitoring the state of the locking and visual signalling (LED).

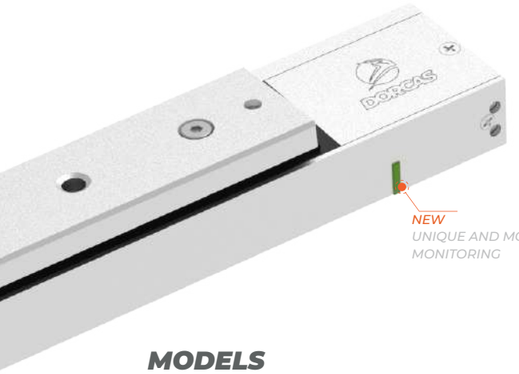
12/24 VDC · EASY · CE

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	73 mm
Width	266 mm
Depth	40 mm
Retention force	1200 lb / 500 kg
Voltage	12 / 24 VDC
Consumption (12 VDC)	400 mA
Consumption (24VDC)	200 mA
Material	Aluminium

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

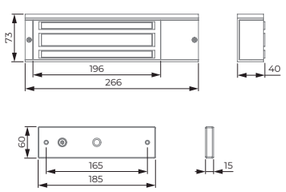


MODELS

M1200R

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	No
Monitoring	No
Timing	No

Ref: *M-M1200R--------*

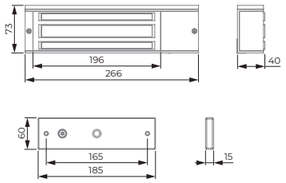


UNIQUE, MODERN LED! NEW

M1200R LS

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes
Timing	No

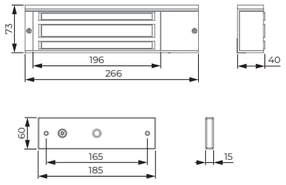
Ref: *M-M1200RLS------*
Ref. Black: *M-M1200RLS------*



M1200R TLS TIME DELAY

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes
Timing	Yes

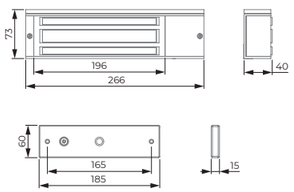
Ref: *M-M1200RTLS-----*



M1200R L2S

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes (x2)
Timing	No

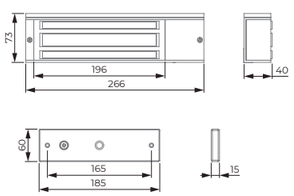
Ref: *M-M1200RL2S-----*



M1200R TL2S TIME DELAY

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling	Yes
Monitoring	Yes (x2)
Timing	Yes

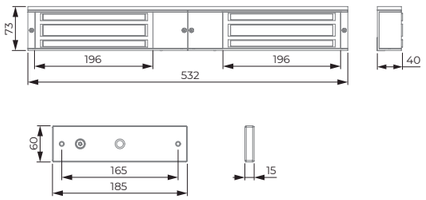
Ref: *M-M1200RTL2S----*



M1200D RLS

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes
Timing ——— No

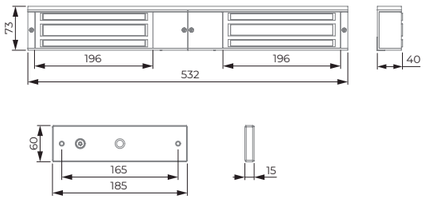
Ref: *M-M1200DRLS-----*



M1200D RL2S

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— Yes
Monitoring ——— Yes
Timing ——— No

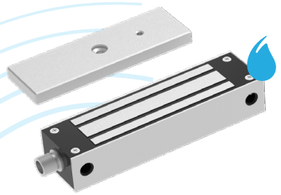
Ref: *M-M1200DRL2S----*

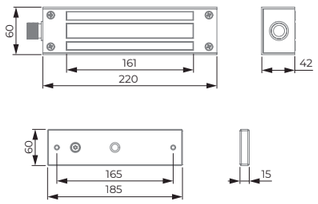


M1200W RS WATERPROOF

Installation ——— Surface-mounted
Power supply ——— 12/24 VDC
Signalling ——— No
Monitoring ——— Yes
Timing ——— No

Ref: *M-M1200WRS------*





DORCAS - CATALOGUE 2023

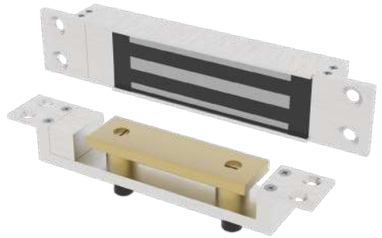
ELECTROMAGNETIC LOCKS
ELECTRIC STRIKES
FACEPLATES
MECHANICAL LOCKS
DOOR CLOSERS
DOOR OPENERS
ACCESS CONTROL
ACCESSORIES

DORCAS SHEARLOCK

M1500X SERIES

1500 lb
750 kg

Electromagnetic lock **for back and forth doors** with **retention force of 1500lb** (750 kg) of shear force. Designed to be flush-mounted, it includes electromagnetic locking element, counterplate and fixture plate.



12/24 VDC · EASY · CE

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	166 mm
Width	31 mm
Depth	21 mm
Retention force	1500 lb / 750 kg
Voltage	12 / 24 VDC
Consumption (12 VDC)	1200 mA
Consumption (24VDC)	600 mA
Material	Aluminium

REGULATION

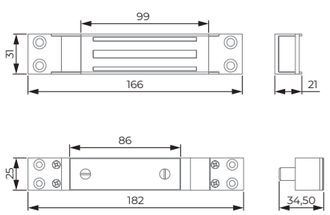
Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

MODELS

M1500X TIME DELAY

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling	Yes (External)
Monitoring	Yes (x2)
Timing	Yes

Ref: *M-M1500X--------*

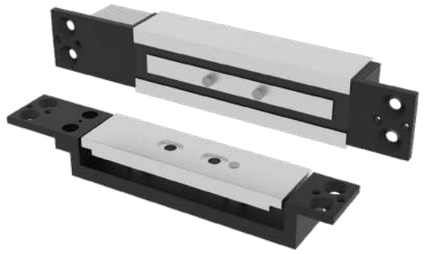


DORCAS SHEARLOCK

M2500X SERIES

2500 lb
1200 kg

Electromagnetic lock **for back and forth doors** with **retention force of 2500lb** (1200 kg) of shear force. Designed to be flush-mounted, it includes electromagnetic locking element, counterplate and fixture plate.



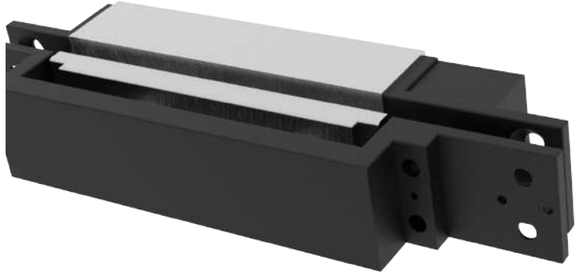
12/24 VDC · EASY · CE

INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Height	182 mm
Width	30 mm
Depth	22.5 mm
Retention force	2500 lb / 1200 kg
Voltage	12 / 24 VDC
Consumption (12 VDC)	900 mA
Consumption (24VDC)	220 mA
Material	Aluminium

REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

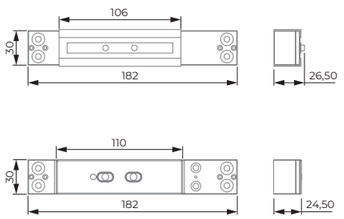


MODELS

M2500X

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling	Yes (External)
Monitoring	Yes
Timing	Yes

Ref: *M-M2500X--------*



QUICK AND EASY TO INSTALL! NEW

DORCAS PROFAST

PROFILE ELECTROMAGNETIC LOCK

Quick and convenient electromagnetic lock system with **built-in pull handle**. Profast is a simple, attractive solution designed for metal, wood or glass doors.
With modern finish, this solution is suitable for offices, shops, public buildings, etc.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	400 / 2500 mm
Retention force	300 kg / 600 kg
Voltage	12 / 24 VDC
Voltage Selection	Manual
Consumption	13 W
Material	Aluminium
Suitable for exteriors	Yes
IP protection	42

REGULATION

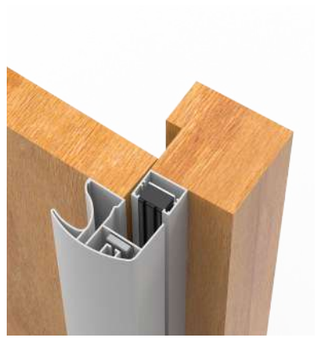
Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019
DAS	NFS 61-937

PULL HANDLE

The Profast pull handle, where the counterplates are housed, are installed in the door leaf.

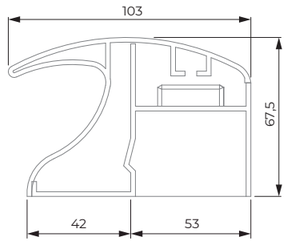
PROFILE

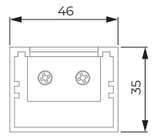
The profile, where the counterplates are housed, is installed in the door frame.

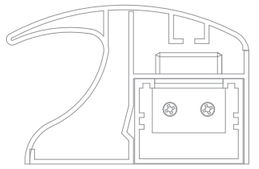


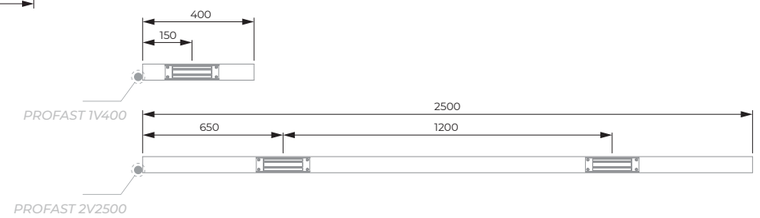
TOTAL PRECISION

Counterplate depth-adjustable for perfect alignment and a quicker and more simple installation.









MODELS

PROFAST 1V400

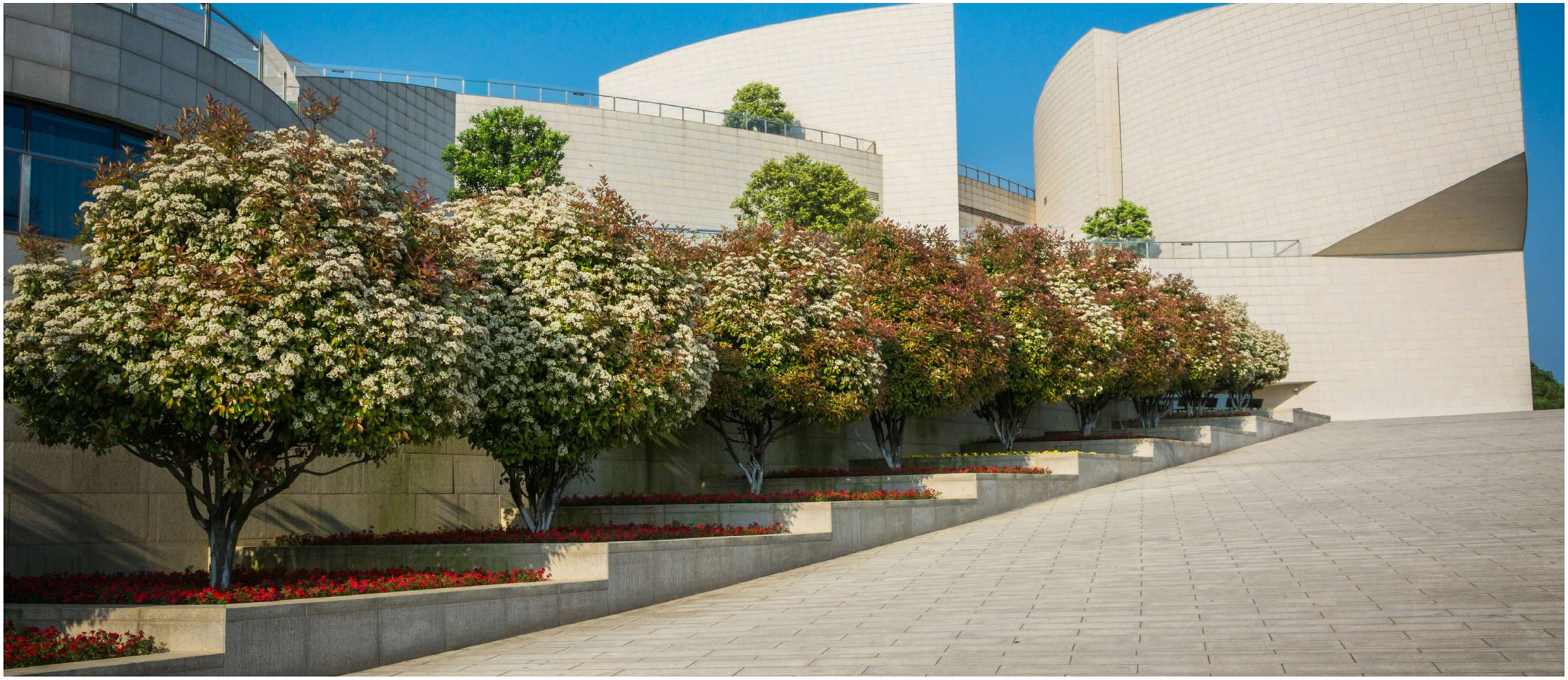
Power supply	12 / 24 VDC
Length	400 mm
Retention	300 kg
Consumption	1100 mA (12 V)
	550 mA (24 V)

PROFAST 2V2500

Power supply	12 / 24 VDC
Length	2500 mm
Retention	2 x 300 kg
Consumption	1100 mA (12 V)
	550 mA (24 V)

DORCAS

MAGNETIC DOOR HOLDERS

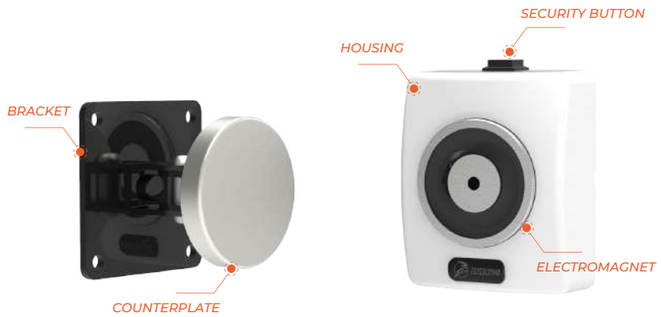


PARTS OF A MAGNETIC DOOR HOLDER

A magnetic door holder has two separate parts:

The electromagnet's housing is the largest part of the set. It carries an electromagnet that generates a magnetic field strong enough to hold the counterplate in place; its operation is reversed. The magnetic door holder has an unlocking button, is manual and serves to be able to close the fire door without having to activate a fire alarm.

The counterplate is the steel part attracted by the electromagnet. It is fixed to a bracket to fix it onto the door leaf.



OPERATION

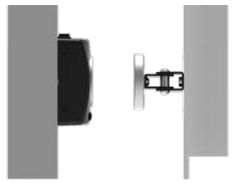
Magnetic door holder are used in fire doors in order to keep the door open to facilitate transit through the building. In a fire emergency, controlled by a smoke control or fire detection unit, the magnetic door holder releases the fire door when the power is cut and it closes automatically to prevent smoke or fire spreading through the building. The operation is reversed, offering two ways of closing the door:

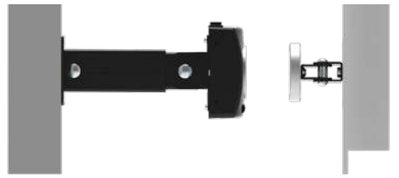
- AUTOMATIC CLOSING. By cutting the electric current, the door will close automatically.
- MANUAL CLOSING. By pressing the red button on its top section the door will close instantly.
This prevents fire getting through.

This device works in direct current at 24 or 48 volts.

MOUNTING OPTIONS

The magnetic door holder must be **mounted on the wall**, the counterplate is installed in the door leaf (placing it at least 150 mm away from the door's top or bottom closing edge). Both parts must always be installed. For the installation of the magnetic door holder we have two options: to fix it directly to the wall or add the RT/SR220 bracket - the magnetic door holder will be fixed to the bracket and the bracket to the wall.





INSTALLATION WITH BRACKET RT/SR220

The magnetic door holder must be **mounted on the floor**, the counterplate is installed in the door leaf (placing it at least 150 mm away from the door's top or bottom closing edge). All parts must always be installed. Another option is to place a wall magnetic door holder with bracket RT/SR220 fixed to the floor.

INSTALLATION WITH BRACKET RT/SR220

ACCESSORIES

DORCAS has a series of accessories to complement the installation, including two types of counterplates, one fixed and the other articulated, allowing perfect alignment with the magnetic door holder, both fixed onto the door leaf. We also have a bracket onto which the magnetic door holder is fixed. With this bracket we separate the magnetic door holder from the door leaf. It also enables us to fix the magnetic door holder to the floor or ceiling.

COUNTERPLATES

RT55 PF
65x65x28 mm — RT55, RS55
Ref: *M-RT55/PF-------*

RT55 PA
65x65x53 mm — RT55, RS55
Ref: *M-RT55/PA-------*

RT SR220
Regulablex60x62 mm — RT55
Ref: *M-SR220---------*

DORCAS RT55

WALL-MOUNTED

120 lb
>55 kg

Magnetic door holder for wall installation, with a **retaining force of 55 kg**. Product for fire doors. The device incorporates a manual unlocking button.

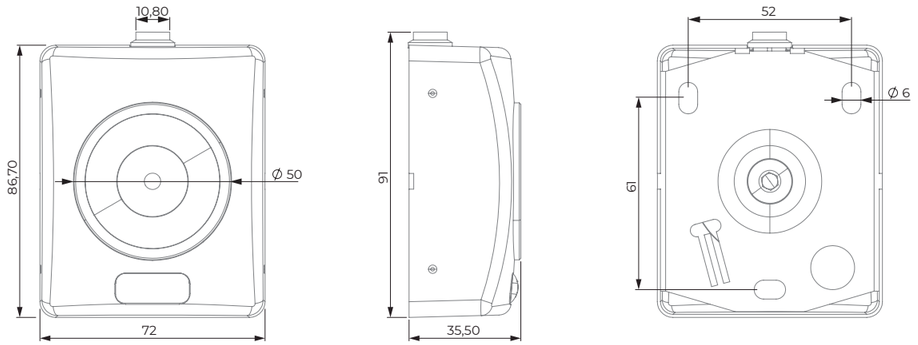
Compatible with RT/SR220 for floor installation.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	91 mm
Width	72 mm
Depth	35.50 mm
Retention force	120 lb / 55 kg
Voltage	24VDC
Consumption (24 VDC)	70 mA
Valid for RF doors	Yes

FUNCTIONS

Manual unlocking	Yes
Operation	Reversed
Varistor	Yes



FINISHES

SILVER-PLATED WHITE BLACK

REGULATION

Certificate	CE EN1155
Fire certificate	NFS 61937
Building hardware	EN 1155:1997+A1:2002+AC:2006

DORCAS RS55

FLOOR-MOUNTED

120 lb
>55 kg

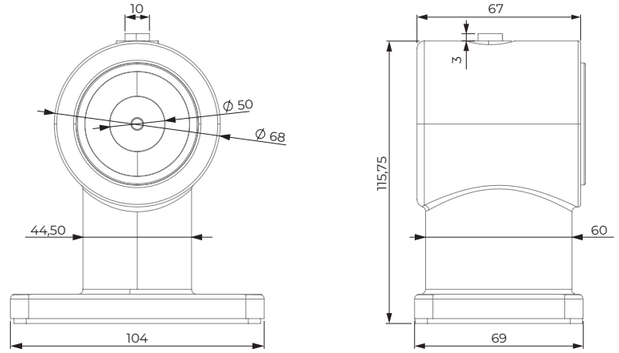
Electromagnetic magnetic door holder for floor installation, with a **retaining force of 55 kg**. Manufactured entirely in steel for intensive use. The device incorporates a manual unlocking button.

INSTALLATION SPECIFICATIONS

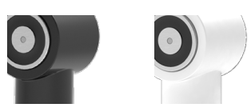
Type of installation	Surface-mounted
Height	118.75 mm
Width	104 mm
Depth	69 mm
Retention force	120 lb / 55 kg
Voltage	24 VDC
Consumption (24 VDC)	60 mA
Valid for RF doors	Yes

FUNCTIONS

Manual unlocking	Yes
Operation	Reversed
Varistor	Yes



FINISHES



BLACK WHITE

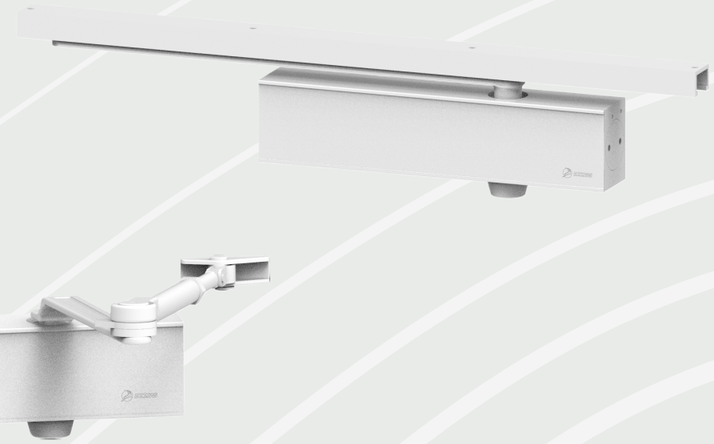
REGULATION

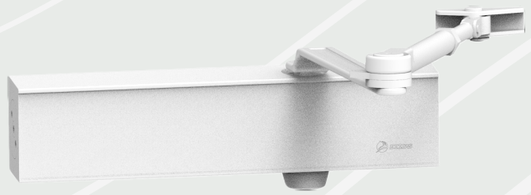
Certificate	CE EN1155
Fire certificate	NFS 61937
Building hardware	EN 1155:1997+A1:2002+AC:2006

DOOR CLOSERS

WHAT IS A DOOR CLOSER?

A door closer is a mechanical device that allows doors of different types to execute a controlled closing movement. They are security features that are becoming increasingly widespread.





TYPOLOGY

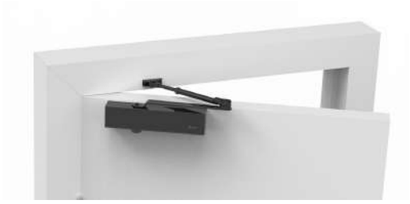
OVERHEAD DOOR CLOSERS

This type of door closer is widely used, especially in business premises and offices. They offer the perfect technical solution for a wide variety of occasions, being quick and easy to install. There are two types:

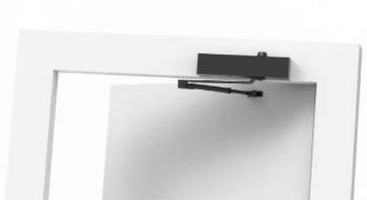
ARTICULATED ARM

These are the most common. They can take a lot of weight depending on the model. It's possible to incorporate a magnetic door holder, which allows us to keep the door open at the point we set it at.

STANDARD ASSEMBLY
BODY IN LEAF - PULL SIDE



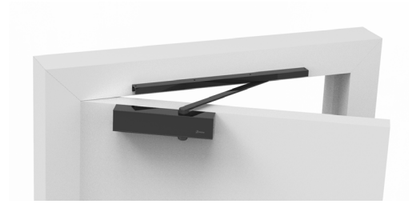
REVERSED ASSEMBLY
BODY IN FRAME - PUSH SIDE



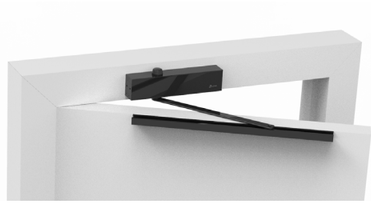
SLIDING ARM

They take up less room than the articulated arm. It is sometimes possible to install the articulated arm on the door, on the other hand the sliding arm door closer can always be installed on any type of door.

STANDARD ASSEMBLY
BODY IN LEAF - PULL SIDE

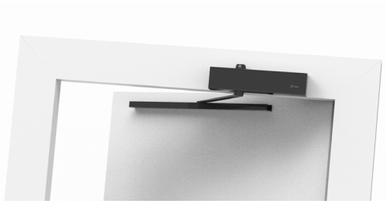


REVERSED ASSEMBLY
BODY IN FRAME - PULL SIDE



STANDARD ASSEMBLY
BODY IN LEAF - PUSH SIDE

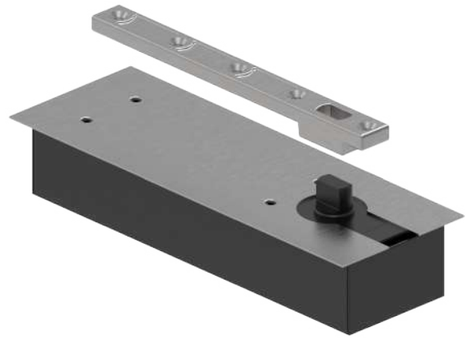
REVERSED ASSEMBLY
BODY IN FRAME - PUSH SIDE



FLOOR-MOUNTED DOOR CLOSER

The floor-mounted door closer has been designed to be embedded in the floor and go unnoticed. It can be used in wood, glass or metal doors, although it is most commonly installed in glass doors. One of its key features is its load capacity, as certain of its models can be installed in doors up to 300 kg in weight.

Floor door closers provide convenience and versatility to all the usual back and forth swing doors on the market.



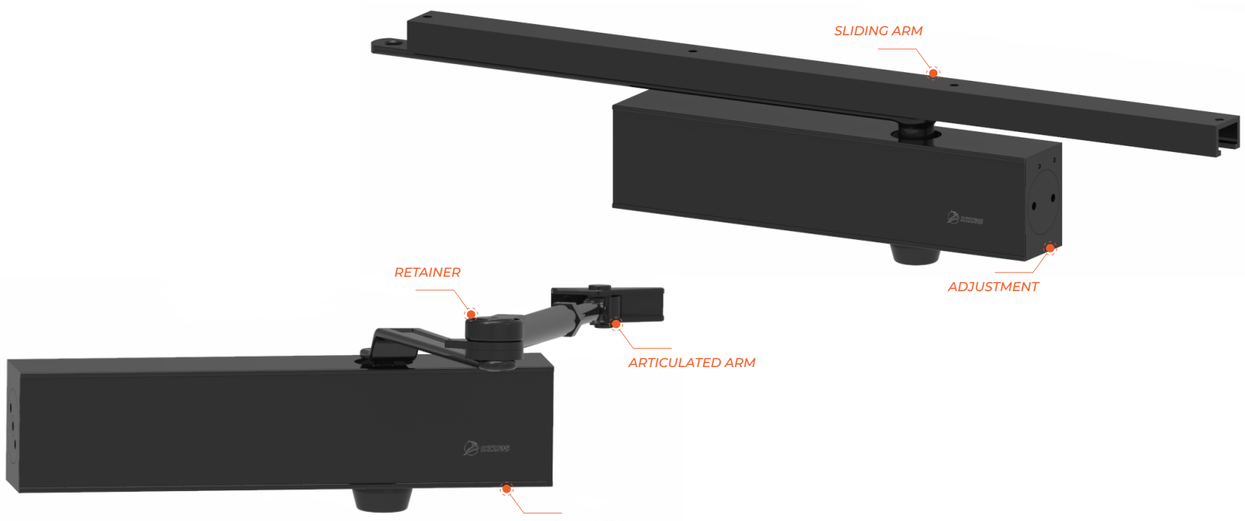
ARM-OPERATED DOOR CLOSERS

This type of door closers also provide automatic smooth closing of the door. It is surface-mounted, not requiring to lower the door or frame. A single unit is placed per door on the hinges part, and they need the door to be hinged.

They enable easy adjustment of the speed and closing power, to avoid door slamming.

PARTS OF A DOOR CLOSER

A door closer in its articulated arm or sliding arm version share the body of the door closer, where it has the mechanism, the adjustment and the transmission up to the arm or guide.



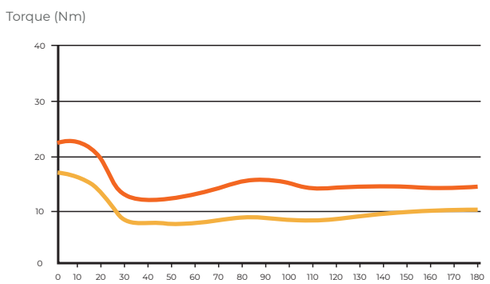
TYPES OF MECHANISM

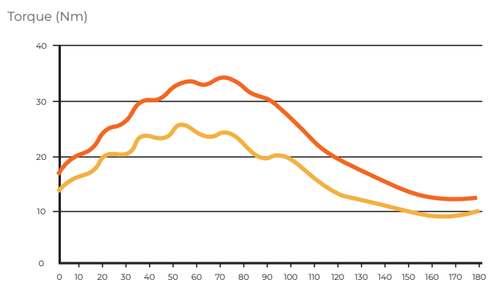
PINION

The door closer with pinion mechanism guarantees total control of the door. This type of mechanism is recommended for very wide doors with air draft problems.

CAM

The cam mechanism ensures the door opens easily and reliably. This type of mechanism is recommended for installations in which the end users are children, elderly people or people with some kind of disability, as the door can be opened without the need to apply much force.

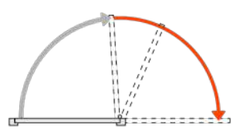




Moment of opening
Moment of closing

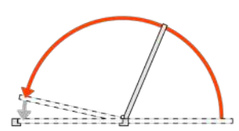
REGULATIONS AVAILABLE

BACKCHECK (BC)



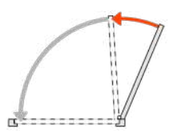
During the opening operation: at the end of travel the opening speed slows in order to avoid accidental shocks.

CLOSING SPEED (S)



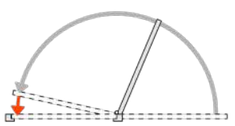
During the closing operation: this is the speed adjustment during the main closing stage.

DELAY ACTION (DC)



During the closing operation: this is the speed adjustment during the main closing stage.
From 90° to 65°

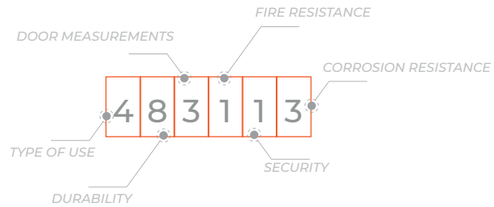
LATCHING (L)



During the closing operation: this is the speed adjustment during the main closing stage.
From 20° to 0°

STANDARDS AND REGULATION

In the case of the door closer, the standardisation committee has drawn up a specific product standard, which means that an CE Marking exists for this product, mandatory if said product is placed on fire doors.



TYPE OF USE

3 = 105° opening
4 = 180° opening

DURABILITY

8 = Number of cycles (500,000)

DOOR MEASUREMENTS (WIDTH AND WEIGHT)

1 = 750 mm - 20 kg
2 = 850 mm - 40 kg
3 = 950 mm - 60 kg
4 = 1100 mm - 80 kg
5 = 1250 mm - 100 kg
6 = 1400 mm - 120 kg

FIRE RESISTANCE

0 = Not suitable for fire doors
1 = Suitable for fire doors

SECURITY

1 = All door closers have to meet basic security requirements.

CORROSION RESISTANT

0 = Not defined
1 = Low resistance
2 = Moderate resistance
3 = High resistance
4 = Very high resistance

DORCAS
OVERHEAD

DORCAS OVERHEAD

DC1

This is the **most economical solution** for standard doors. It has an adjustable closure control in two phases for soft closing and its finish offers optimum anti-corrosion protection.

Valid for aluminium, steel, wood and PVC doors.

EN 2-4

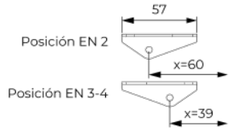
4 8 3 1 1 3

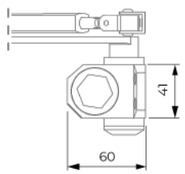
EN 1154:1996 + A1:2002-12 + AC:2006-06

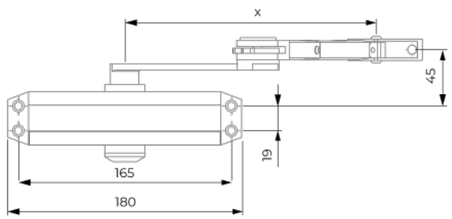
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	45 mm
Width	180 mm
Depth	60 mm
Closing force	EN 2-4
Door weight	25-85 kg
Door width	850-1100 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by position.





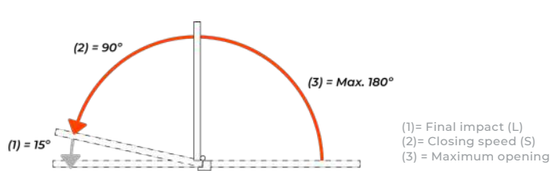


FUNCTIONS

Backcheck	No
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Yes
Sliding arm **(SA)**	No
Retention **(H)**	Optional

FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

MODELS

DC1	ARTICULATED ARM
DC1 H	ARTICULATED ARM + RETENTION

DORCAS OVERHEAD

DC2

Highly versatile model used for all types of standard doors. It is easy and quick to install and its dimensions make it **optimal for the refitting** of door closers already installed. Depending on the type of installation it covers a wide range of functions.

EN 2-4

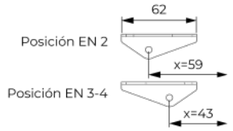
4 8 3 1 1 3

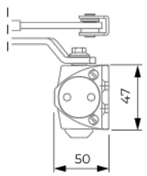
EN 1154:1996 + A1:2002-12 + AC:2006-06

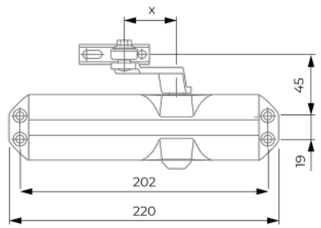
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	47 mm
Width	220 mm
Depth	50 mm
Closing force	EN 2-4
Door weight	25-85 kg
Door width	850-1100 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by position.





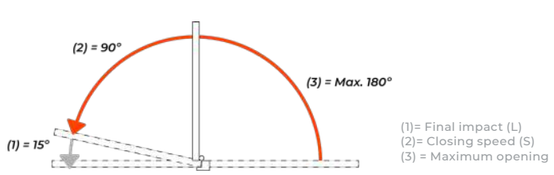


FUNCTIONS

Backcheck	No
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Yes
Sliding arm **(SA)**	No
Retention **(H)**	Optional

FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

MODELS

DC2	ARTICULATED ARM
DC2 H	ARTICULATED ARM + RETENTION

DORCAS DC3

OVERHEAD

Very easy to install. Its thin and compact design ensures easy and trouble-free installation. Fully adjustable closing forces and speeds. In normal and sliding arm arm version.

EN 2-5

4 8 3 1 1 3

EN 1154:1996 + A1:2002-12 + AC:2006-06

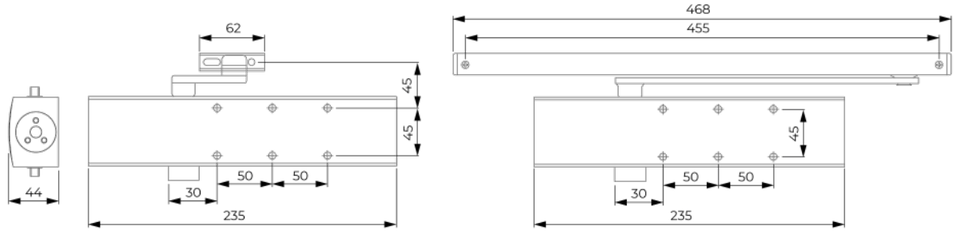
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	62 mm
Width	235 mm
Depth	44 mm
Closing force	EN 2-5
Door weight	25-100 kg
Door width	850-1250 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.

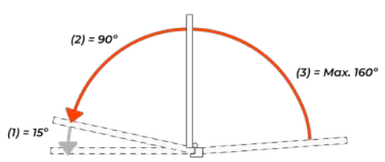
FUNCTIONS

Backcheck	No
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Optional
Sliding arm **(SA)**	Optional
Retention **(H)**	Optional



FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

MODELS

DC3	ARTICULATED ARM
DC3 H	ARTICULATED ARM + RETENTION
DC3 SA	SLIDING ARM
DC3 SA H	SLIDING ARM + RETENTION

DORCAS DC4

OVERHEAD

Offers a wide range of uses for doors, adapting up to 120 kg. It is the **ideal solution for businesses** and interior doors of an average-large size. Optimum adaptation of the closing speed with final impact thanks to two regulating valves

EN 3-6

4 8 6 3 1 1 3

EN 1154:1996 + A1:2002-12 + AC:2006-06

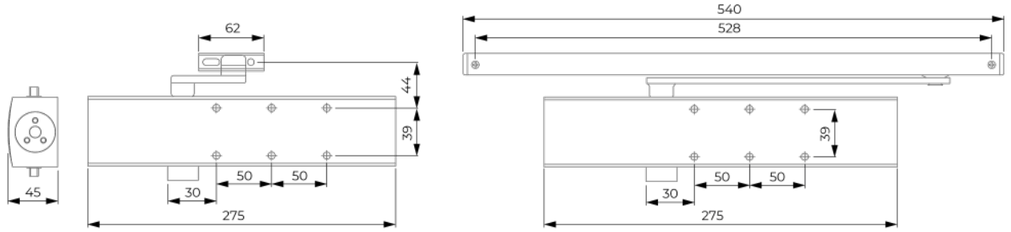
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	62 mm
Width	275 mm
Depth	45 mm
Closing force	EN 3-6
Door weight	60-120 kg
Door width	950-1450 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.

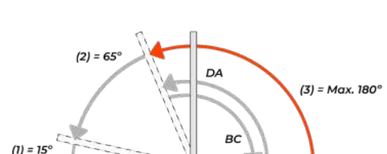
FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Optional
Sliding arm **(SA)**	Optional
Retention **(H)**	Optional



FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

Optionally the BC and DA speeds can be adjusted (>65°)

MODELS

DC4	ARTICULATED ARM
DC4 H	ARTICULATED ARM + RETENTION
DC4 SA	SLIDING ARM
DC4 SA H	SLIDING ARM + RETENTION

DORCAS DC6

OVERHEAD

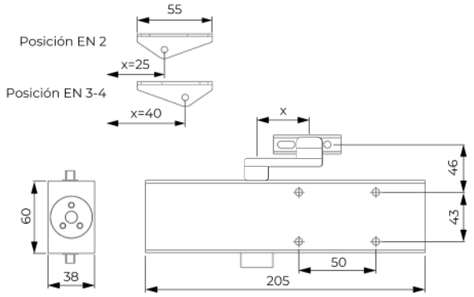
Classic design compact model with closing speed fully adjustable by means of three regulating valves and adjustable final impact. This is a model for use in **residential and commercial doors** quick and easy to install and adjust.

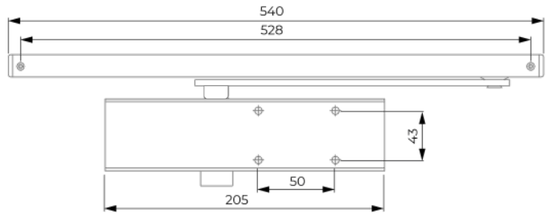
EN 2-4

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	60 mm
Width	205 mm
Depth	38 mm
Closing force	EN 2-4
Door weight	25-85 kg
Door width	<1100 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by position.





4 8 3 1 1 3

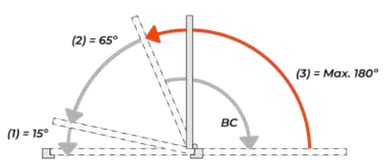
EN 1154:1996 + A1:2002-12 + AC:2006-06

FUNCTIONS

Backcheck	Yes
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Optional
Sliding arm **(SA)**	Optional
Retention **(H)**	Optional

FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

Optionally the BC speed can be adjusted (>65°)

MODELS

DC6	ARTICULATED ARM
DC6 H	ARTICULATED ARM + RETENTION
DC6 SA	SLIDING ARM
DC6 SA H	SLIDING ARM + RETENTION

EASIER TO OPEN! NEW

DORCAS DC8

OVERHEAD

The DC8 model is an overhead door closer with cam mechanism. With it we obtain a **smoother and more gradual opening.**

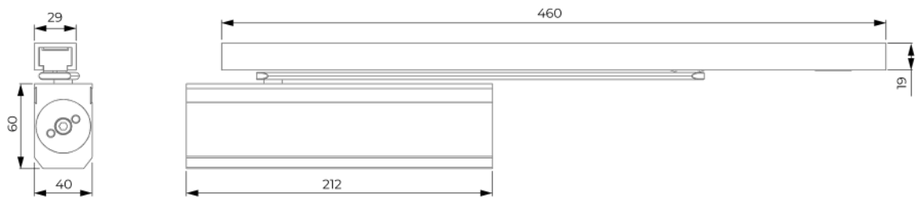
Suitable for large, heavy doors, where the end users are going to be children, the elderly or disabled people.

EN 2-5

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	60 mm
Width	212 mm
Depth	40 mm
Closing force	EN 2-5
Door weight	40-100 kg
Door width	<1250 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.



3 8 3 1 1 3

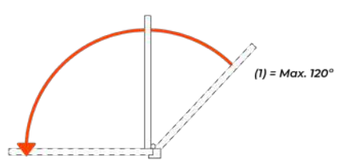
EN 1154:1996 + A1:2002-12 + AC:2006-06

FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	Optional
Sliding arm **(SA)**	Optional
Retention **(H)**	Optional

FINISHES

WHITE SILVER BLACK



(1) = Maximum opening

MODELS

DC8 SA	SLIDING ARM
DC8 SA H	SLIDING ARM + RETENTION

DORCAS

OVERHEAD - CONCEALED

DC7

EN 1-3

The DC7 is a **concealed overhead model** for single-leaf doors, which is completely housed in the door leaf. The sliding arm is only visible with the door open.

3 | 8 | 3 | 1 | 1 | 3

EN 1154:1996 + A1:2002-12 + AC:2006-06

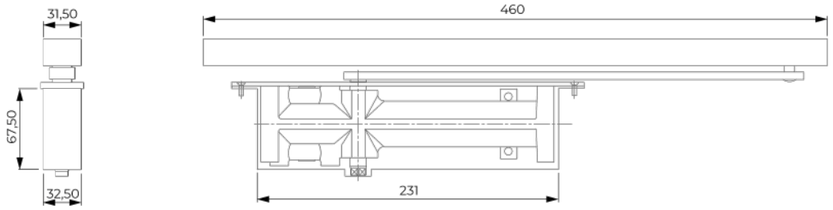
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height	67.50 mm
Width	231 mm
Depth	32.50 mm
Closing force	EN 1-3
Door weight	20-60 kg
Door width	<950 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.

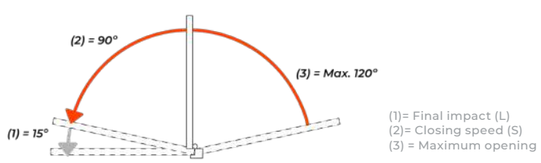
FUNCTIONS

Backcheck	No
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	No
Sliding arm **(SA)**	Yes
Retention **(H)**	Optional



FINISHES

WHITE SILVER BLACK



(1)= Final impact (L)
(2)= Closing speed (S)
(3) = Maximum opening

MODELS

DC7 SA SLIDING ARM
DC7 SA H SLIDING ARM + RETENTION

EASIER TO OPEN! NEW

DORCAS

OVERHEAD - CONCEALED

DC9

EN 2-5

Cam operated door closer. This model is **overhead and concealed**, making the installation more attractive as the body is totally concealed and the sliding arm is only visible with the door open.

Thanks to the lever mechanism we achive a **smoother and more gradual opening.**

4 | 8 | 3 | 1 | 1 | 3

EN 1154:1996 + A1:2002-12 + AC:2006-06

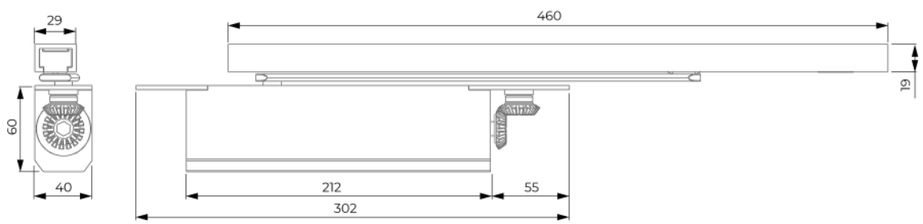
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height	60 mm
Width	212 mm
Depth	40 mm
Closing force	EN 2-5
Door weight	40-100 kg
Door width	<1250 mm
Tested cycles	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.

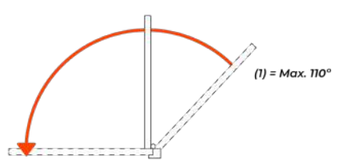
FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	No
Sliding arm **(SA)**	Yes
Retention **(H)**	Optional



FINISHES

WHITE SILVER BLACK



(1) = Maximum opening

MODELS

DC9 SA SLIDING ARM
DC9 SA H SLIDING ARM + RETENTION

SIMPLE AND EFFECTIVE! NEW

DORCAS

DP1

OVERHEAD - ARM OPERATED

EN 2

Easy to install door closer. It makes the adjustment of the intensity of the spring and its activation or deactivation easy. Enables maximum opening with a smooth 180° movement.

Perfect for interior doors in general (bathrooms, storerooms, etc.)

EASY

4 8 2 0 1 3

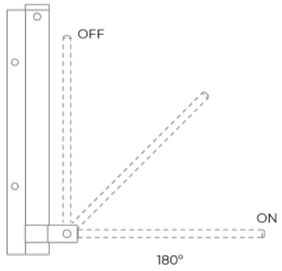
EN 1154:1996 + A1:2002-12 + AC:2006-06

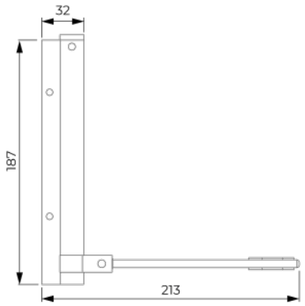
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	187 mm
Width	213 mm
Depth	32 mm
Closing force	EN 3
Door weight	<40 kg
Door width	<850 mm
Tested cycles	250,000
Valid for RF doors	No

FUNCTIONS

Backcheck	No
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	No





FINISHES

BROWN SILVER BLACK WHITE

MODELS

DP1 POLE

DORCAS

DORCAS

FLOOR-MOUNTED

DORCAS FS1

FLOOR-MOUNTED

EN 1-4

The FS1 door closer is the ideal solution for **exterior doors**, either in glass or in aluminium, in which we don't want any mechanisms to be visible.

Adapts to doors of up to 120 kg in weight, providing reliability and quality.

3 8 4 0 1 3

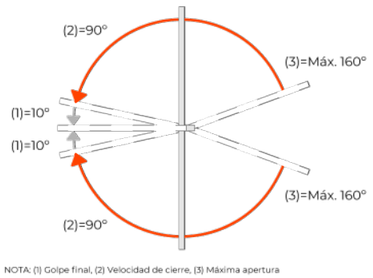
EN 1154:1996 + A1:2002-12 + AC:2006-06

INSTALLATION SPECIFICATIONS

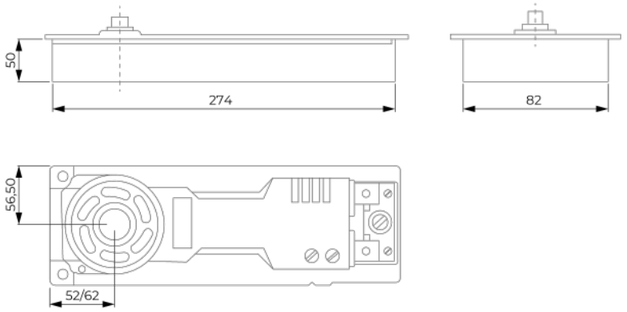
Type of installation	Flush-mounted
Reversible	Yes
Height	274 mm
Width	82 mm
Depth	50 mm
Closing force	EN 1-4
Door weight	<120 kg
Door width	<1100 mm
Tested cycles	500,000
Valid for RF doors	No

FUNCTIONS

Backcheck	Yes
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	No



NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura



FINISHES

STAINLESS STEEL

MODELS

FS1

DORCAS FS2

FLOOR-MOUNTED

EN 2-4

The FS1 door closer is the ideal solution for **exterior doors**, either in glass or in aluminium, in which we don't want any mechanisms to be visible.

Adapts to doors of up to 120 kg in weight, providing reliability and quality.

3 8 3/4 1 1 3

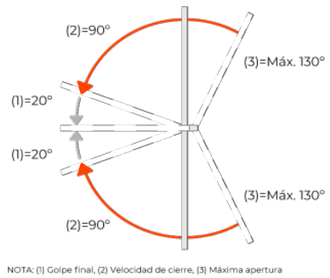
EN 1154:1996 + A1:2002-12 + AC:2006-06

INSTALLATION SPECIFICATIONS

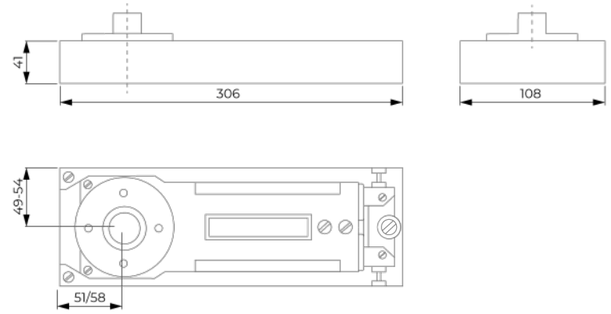
Type of installation	Flush-mounted
Reversible	Yes
Height	41 mm
Width	306 mm
Depth	108 mm
Closing force	EN 2-4
Door weight	25-85 kg
Door width	850-1100 mm
Tested cycles	500,000
Valid for RF doors	No

FUNCTIONS

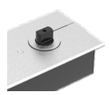
Backcheck	Yes
Delay action	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	Yes



NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura



FINISHES



SILVER

MODELS

FS2

DORCAS

FLOOR-MOUNTED

DH1

EN 1-4

The DH1 door locker serves as hinge for a **glass door**, as well as closing it automatically.

With stainless steel body, it takes glass leaves up to 80 kg in weight. Does not need to be embedded in the floor, thus making it easier to install.

3 8 4 0 1 3

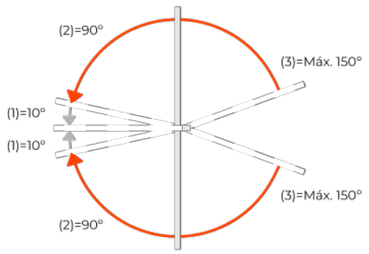
EN 1154:1996 + A1:2002-12 + AC:2006-06

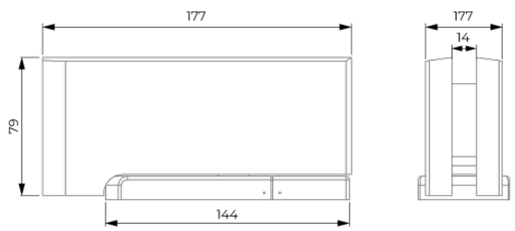
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	79 mm
Width	177 mm
Depth	45.50 mm
Closing force	EN 1-4
Door weight	<80 kg
Door width	<1000 mm
Tested cycles	500,000
Valid for RF doors	No

FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	Yes





NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

FINISHES

STAINLESS STEEL

MODELS

DH1

DORCAS

FLOOR-MOUNTED

DH2

EN 1-6

The DH2 door locker serves as hinge for a **glass door**, as well as closing it automatically.

With stainless steel body, it takes glass leaves up to 150 kg in weight. Does not need to be embedded in the floor, thus making it easier to install.

3 8 4 6 0 1 3

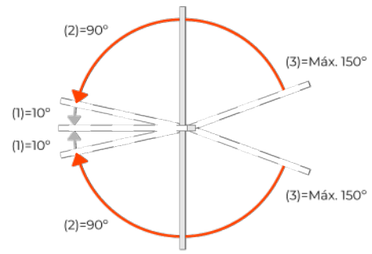
EN 1154:1996 + A1:2002-12 + AC:2006-06

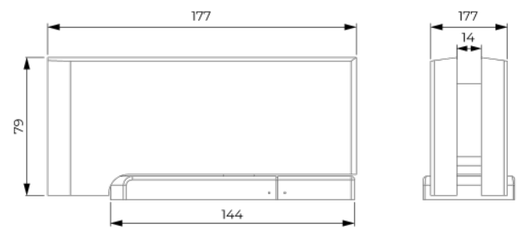
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	79 mm
Width	177 mm
Depth	45.50 mm
Closing force	EN 1-6
Door weight	<150 kg
Door width	<1000 mm
Tested cycles	500,000
Valid for RF doors	No

FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	Yes





NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

FINISHES

STAINLESS STEEL

MODELS

DH2

CONCEALED AND EASY TO INSTALL! **NEW**

DORCAS

FLOOR-MOUNTED

DH3

EN 3

The DH3 door closer is designed to be installed in entrance **pivot doors** that require smooth, automatic closing.

It's a concealed door closer, flush-mounted in the door itself. It provides a design plus and makes installation easier.

3	8	3	1	1	3

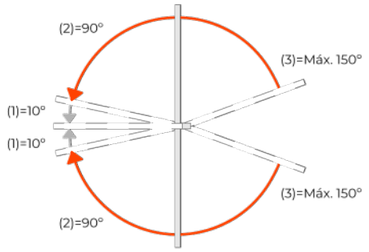
EN 1154:1996 + A1:2002-12 + AC:2006-06

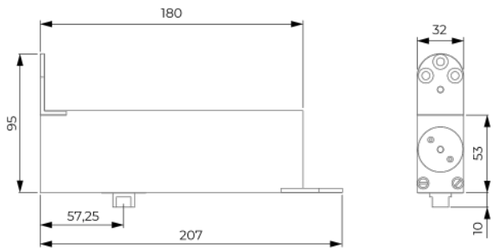
INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Reversible	Yes
Height	56 mm
Width	181 mm
Depth	32 mm
Closing force	EN 3
Door weight	<100 kg
Door width	<1250 mm
Tested cycles	500,000
Valid for RF doors	Yes

FUNCTIONS

Backcheck	Yes
Delay action	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm **(SA)**	-
Retention **(H)**	No





NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

FINISHES

STAINLESS STEEL

MODELS

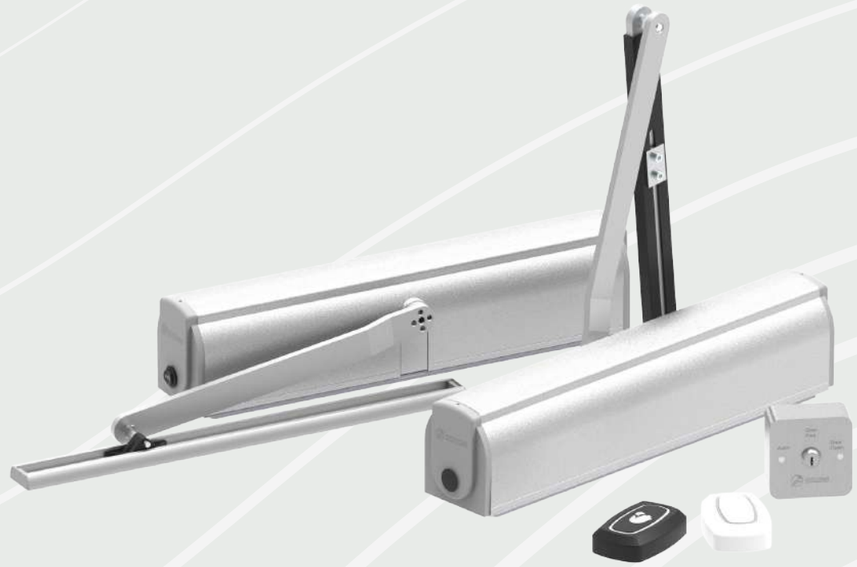
DH3

DORCAS

DOOR OPERATORS

WHAT IS A DOOR OPERATOR?

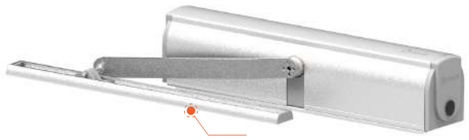
A door operator is an automatic motorised system that both opens and closes a door. These devices manage the movement autonomously and can be connected to accessories such as electric strikes, radars, photocells, push buttons, etc.

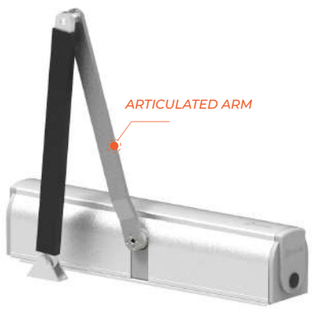


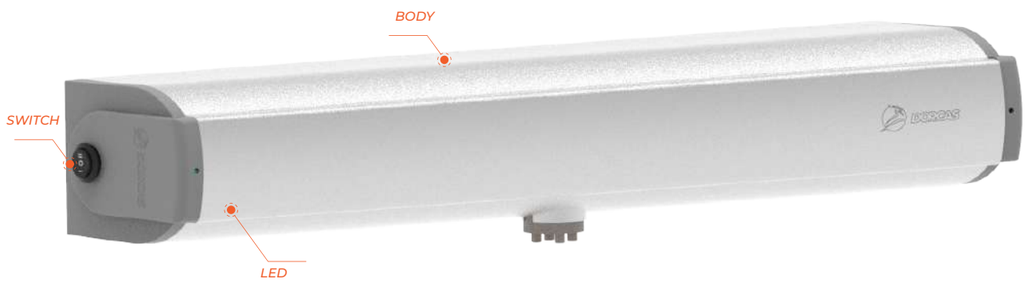
COMPONENTS OF A DOOR OPERATOR

The door is the part in which all the electronics are incorporated. It is what receives the electric current, transmitting the movement to the arm. The arm can be of two types: hinged arm, installed on doors that open outwards, sliding arm, installed on doors that open inwards.

It also incorporates a remote control with RF technology, which enables us to open or close the door and access the device's settings. It incorporates a three-colour status led. We change the operating mode with the switch.







OPERATION

In a door operator both opening and closing are electromechanical. The device receives an electrical signal, either through its own accessory such as a radar, by an external accessory such as an access control, a push button, or by means of the remote control. Once this signal has been received, the door operator itself carries out the electrical supply sequence to the opening device (if there is one) and executes the leaf opening/closing operation with the speed, force and time settings we set.

The door operator's power supply is 230 VCA - 50 Hz, with a power of 50 W.

The door operators have a backup battery (12 VCC - 1,3 Ah) to ensure that they work in the event of a power fault.

FREE ENTRY (O), the opposition performed by the motor is cancelled and both manual opening and closing of the door is allowed. When the lateral switch is put in the O position the LED will TURN OFF.

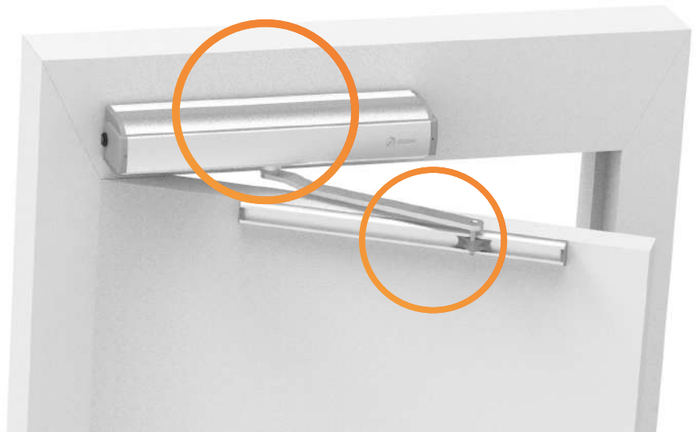
AUTOMATIC (I), the door operator works automatically, opening and closing the door according to the settings we have given it. When the lateral switch is put in the I position the LED will come on GREEN.

ALWAYS OPEN (II), once we have put the switch in the "II" position the device opens automatically and leaves it open until we change the position of the switch again. When the lateral switch is put in the II position the LED will go ORANGE.

WHERE IS IT INSTALLED?

The door operator consists of two main parts: the body, which is installed on the upper frame of the door, and the arm (hinged arm or sliding arm), which is installed on the door leaf.

The operator can only be installed on the top frame of the door. It doesn't allow for assembly on the door leaf.



WHICH ARM SHOULD WE INSTALL?

ARTICULATED ARM

The articulated arm is designed for outward opening doors. Standing in front of the door we won't see the hinges. We will open it by pushing the leaf.

SLIDING ARM

The articulated arm is designed for inward opening doors. Standing in front of the door we will see the hinges. We will open it by pulling the leaf. Thanks to the universal arm kit, the main lever of the articulated arm can also be used with the sliding arm set-up.

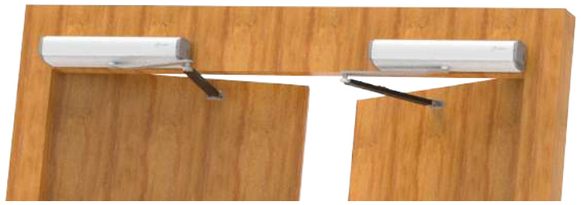
CHOOSE YOUR SYSTEM IN 3 STEPS

1 DEVICE

First we will choose whether we need an ACCSIE or a ACCSIE PLUS, for a single or a double door.

FOR SINGLE DOOR

FOR DOUBLE DOOR



2 ACCESSORIES

There is a large quantity of accessories for the ACCSIE operator that adapt the installation to any type of need. For example: detection radars, security photocells, touchless activation systems, remote controls, etc.

NOTE: The accessories are explained on page 281.

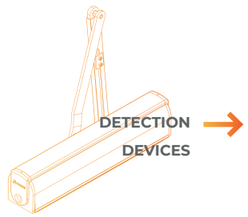
3 ACCESSORIES

You can add accessories from our range of strikes or locks, push buttons, access controls, etc. to guarantee maximum security.

NOTE: The pack includes: ACCSIE device + mounting plate + articulated arm + sliding arm

ACCESSORIES

The different accessory devices for the installation of an ACCSIE include people detection elements to assist in the opening of the door or to increase the security of the opening and closing manoeuvres.

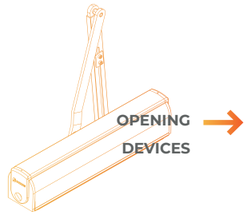


OPENING RADAR
120x70x41.5 mm IP54

Ref: *D-22312---------*

PHOTOCELL
83x48x16 mm IP55

Ref: *D-22314---------*



REMOTE CONTROL
82x50x16.5 mm AM/ASK

Ref: *D-22304---------*

TOUCH BUTTON
105x70x23.5 mm IP55

Ref: *D-PL7----------*

TOUCHLESS BUTTON
105x70x23.5 mm IP55

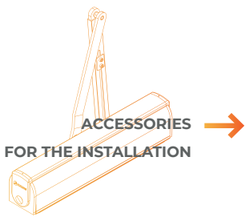
Ref. White: *D-22366CLB------*
Ref. Black: *Ref: D-22366CLN------*

KEY SWITCH
86x86x30 mm COM/NC/NO

Ref: *D-22361---------*

ACTIVATION CARD
86x54x7 mm Long range

Ref: *D-22311---------*



CONNECTING CABLE
Ø6.2x200 mm

Ref: *D-22353---------*

SHAFT EXTENDER
Ø27x30/55/80 mm Stainless steel

Ref. 30mm: *D-22351---------*
Ref. 55mm: *D-22350---------*
Ref. 80mm: *D-22352---------*

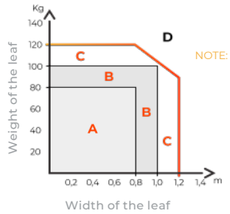
DORCAS ACCSIE

DOOR OPERATOR

UP TO 120 KG

Motorised system that **enables automatic and motorised door opening and closing**.

Allows it to be installed on existing doors, and therefore requires no works or door substitution, being valid both for one- and two-leaf doors with inward and outward opening.



NOTE:

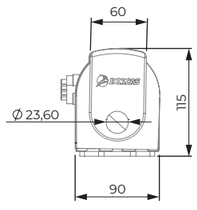
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	No
Height	90 mm
Width	511 mm
Depth	110 mm
Weight	5 kg
Door weight	Up to 120 kg
Door width	Up to 120 cm
Tested cycles	500,000
Valid for RF doors	Yes
Electric closing power supply	12 VDC / 1A
Backup battery	Up to 600 cycles

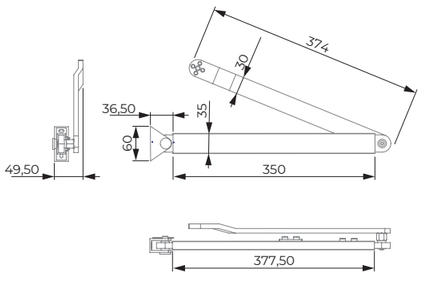
NOTE:
A: Highly intensive use, 600 cycles/day.
B: Intensive use, 200-300 cycles/day.
C: Use with reduced speed.
D: Use not permitted

FUNCTIONS

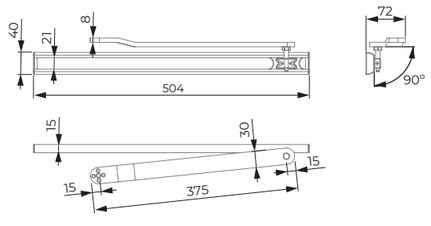
- Height and management of remote controls
- Adjustment of times, speeds and force
- Automatic and manual modes
- Guided calibration
- Output for electric strikes/lock
- Compatible with push buttons, access control and video door entry systems
- Fire mode
- Suitable for people with reduced mobility



ARTICULATED ARM



SLIDING ARM

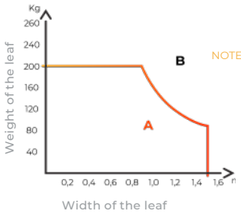


DORCAS ACCSIE PLUS

DOOR OPERATOR

UP TO 200 KG

While the standard version has motorised opening and closing, the ACCSIE PLUS version **has motorised opening and mechanical closing**, which makes the system valid for bigger, heavier doors. Furthermore, as the closing is mechanical the motor's useful life is prolonged.



NOTE:

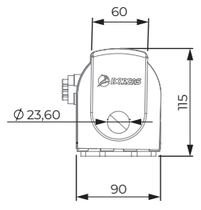
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Reversible	Yes
Height	90 mm
Width	685 mm
Depth	110 mm
Weight	10.50 kg
Door weight	Up to 200 kg
Door width	Up to 150 cm
Tested cycles	500,000
Valid for RF doors	Yes
Electric closing power supply	12VDC / 1A or 24VDC / 0.50A
Backup battery	Up to 600 cycles

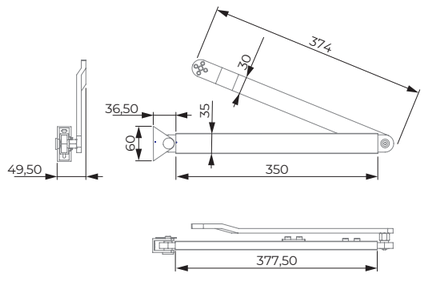
NOTE:
A: Zone of use
B: Use not permitted

FUNCTIONS

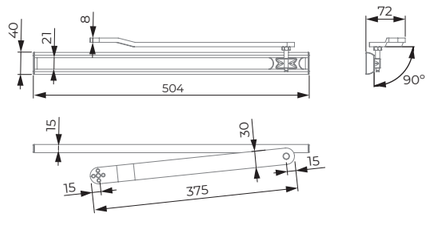
- Height and management of remote controls
- Adjustment of times, speeds and force
- Automatic and manual modes
- Guided calibration
- Output for electric strikes/lock
- Compatible with push buttons, access control and video door entry systems
- Fire mode
- Suitable for people with reduced mobility



ARTICULATED ARM



SLIDING ARM



ACCESS CONTROL

WHAT IS ACCESS CONTROL?

DORCAS offers a varied and comprehensive access control range to complete your installation. They are devices that facilitate control of entry and/or exit through the doors. They are installed to control other locking systems, strikes, electromechanical locks, electromagnetic locks, etc.

SOLUTIONS FOR ANY NEED

The new and exclusive range of DORCAS access controls cover a wide range of functions according to the needs of each installation.

Among the different models are several modes of authentication, combined between the two or three usual ones, which are the fingerprint, card and/or password via keypad.

K16 - AUTHENTICATION VIA TOUCH KEYPAD, CARD OR BLUETOOTH
K17 - AUTHENTICATION VIA FINGERPRINT, CARD OR BLUETOOTH
K18 - AUTHENTICATION VIA FACE RECOGNITION OR CARD
K20 - AUTHENTICATION VIA DIGITAL KEY
K4 - AUTHENTICATION VIA REMOTE CONTROL

Choose DORCAS. You have a total quality guarantee on all its products.

Our experienced staff put the most advanced technology into each project, marketing the most competitive of products.

TOTAL ADAPTABILITY

Options adapted to any type of installation, either interior or exterior, with different finishes, modern or traditional designs, materials for each type of use and need.

TOTAL COMPATIBILITY

External components can be connected to every DORCAS access control.
Each DORCAS product is 100% compatible.

SIMPLICITY

At DORCAS we have surface-mounted, flush-mounted or invisible access control. All of these are quick and easy to install.

For flush-mounted installation, it is only necessary to drill a hole to pass through the wiring, while for flush-mounted installation it is only necessary to drill a hole for the reader (K20).

As for the use of the access control, this is easy and intuitive. At DORCAS we provide the customer with explanatory videos on its installation, start-up and settings.

There are models suitable for working both in normal and in reverse mode, in function of NO/NC connection. The settings systems allow for a broad range of settings to be made, such as duration, sounds, etc. So you can adapt the installation to your needs.

Electromagnetic locks

Electric strikes

Electromechanical locks

TOUCH KEYPAD + CARDS + APP! NEW

DORCAS

KEYPAD AND CARDS

K16

Access control with modern design. **Ideal for surface-mounted exterior installations**, thanks to its water resistance (IP66) and anti-vandal device (IK08).

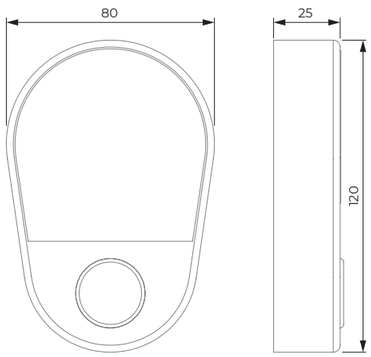
Allows to act on two doors, can be set NC or NO. Has backlighting, has LED indications and sound indications.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	120 mm
Width	80 mm
Depth	25 mm
Frequency	MF-13,56 Mhz
Exterior Installation (IP)	Yes (IP66)
Anti-Vandalism Protection	Yes (IK08)
Power Supply Voltage	12/24 VDC
Current consumption on idle (mA)	≤ 50 mA
Current consumption in active (mA)	≤ 120 mA
Output door 1	1.5A (Water contact)
Output door 2	1.5A (Water contact)
Contact configuration door 1	NO/NC
Contact configuration door 2	NO/NC

FUNCTIONS

Capacity	1000 Users
Touch keypad	Yes
Card	Yes
Bluetooth	Yes
Face recognition	No
Internal memory	No
Led	Yes
Sound	Yes
Backlighting	Yes
Opening time	1'' - 99''
Alarm	Optional
Door status sensor	Yes
Wiegand (26 ~ 58)	Yes



AUTHENTICATION

The authentication of the K16 is done by touch keypad, card or key fob. It also incorporates opening by bluetooth through the "SmartDorcas" APP.
It has a capacity of up to 1000 users.

FINGERPRINT + CARDS + APP! NEW

DORCAS

FINGERPRINT AND CARDS

K17

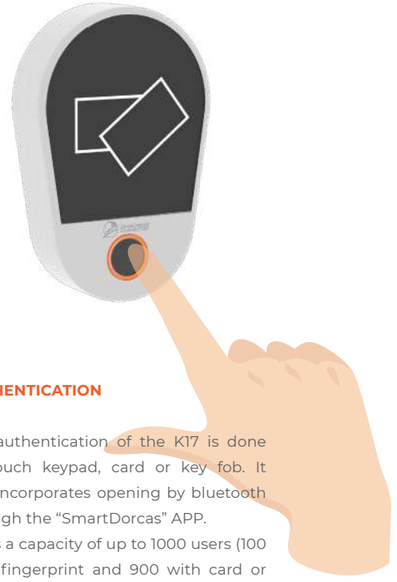
Access control with modern design. **Ideal for surface-mounted exterior installations**, thanks to its water resistance (IP66) and anti-vandal device (IK08).
Allows to act on two doors, can be set NC or NO. Has backlighting, has LED indications and sound indications.

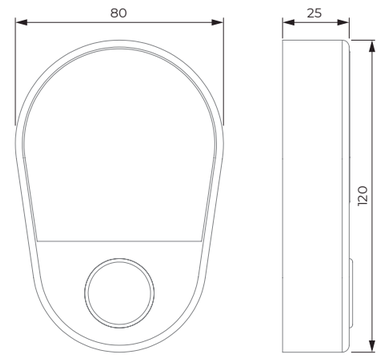
INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	120 mm
Width	80 mm
Depth	25 mm
Frequency	MF-13,56 Mhz
Exterior Installation (IP)	Yes (IP66)
Anti-Vandalism Protection	Yes (IK08)
Power Supply Voltage	12/24 VDC
Current consumption on idle (mA)	≤ 50 mA
Current consumption in active (mA)	≤ 120 mA
Output door 1	1.5A (Water contact)
Output door 2	1.5A (Water contact)
Contact configuration door 1	NO/NC
Contact configuration door 2	NO/NC

FUNCTIONS

User memory capacity	100 (Fingerprint) 900 (Card)
Touch keypad	No
Card	Yes
Bluetooth	Yes
Face recognition	No
Internal memory	No
Led	Yes
Sound	Yes
Backlighting	Yes
Opening time	1'' - 99''
Alarm	Optional
Door status sensor	Yes
Wiegand (26 ~ 58)	Yes





AUTHENTICATION

The authentication of the K17 is done by touch keypad, card or key fob. It also incorporates opening by bluetooth through the "SmartDorcas" APP.
It has a capacity of up to 1000 users (100 with fingerprint and 900 with card or key fob).

FACE RECOGNITION + CARDS! **NEW**

DORCAS

FACE AND CARDS

K18

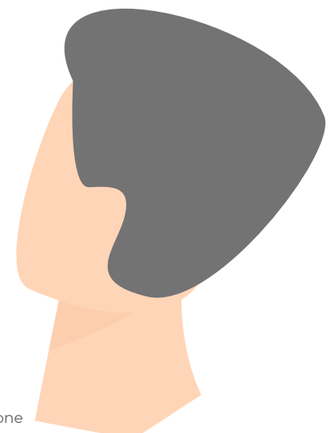
Access control with modern design. Broad capacity to store users both with card (2000) and with face recognition (1000).
Easy surface-mounted installation. Enables to act on 1 door with a relay available in NC or NO.
It has an internal access log to control user inputs and outputs, with a memory of up to 200,000 records.

INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounted
Height	120 mm
Width	80 mm
Depth	25 mm
Frequency	MF-13,56 Mhz
Exterior Installation (IP)	Yes (IP44)
Anti-Vandalism Protection	Yes (IK08)
Power Supply Voltage	12 VDC
Current consumption on idle (mA)	≤ 130 mA
Current consumption in active (mA)	≤ 230 mA
Output door 1	1.5A (Water contact)
Contact configuration door 1	NO/NC

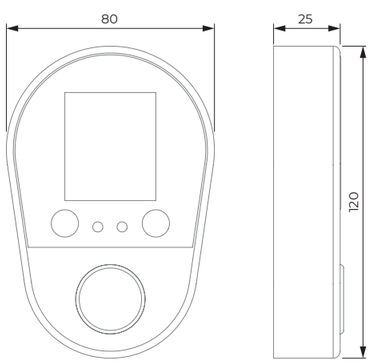
FUNCTIONS

User memory capacity	1000 (Facial) 2000 (Card)
Touch keypad	No
Card	Yes
Bluetooth	No
Face recognition	Yes
Internal memory	Yes
Led	Yes
Sound	Yes
Backlighting	Yes
Opening time	1'' - 99''
Alarm	No
Door status sensor	Yes
Wiegand (26 ~ 58)	Yes



AUTHENTICATION

The authentication of the K18 is done by face recognition, card or key fob.
It has a capacity of up to 3000 users (1000 with face recognition and 2000 with card or key fob).



DORCAS

WIRELESS

K19

Composed of a **Wireless keypad**, a **Wireless push button** and a receiver module that works at 12VDC. Connections are made in the small-sized receiver module. Afterwards the keypad and push button send a signal to the receiver to activate the lock.

INSTALLATION SPECIFICATIONS

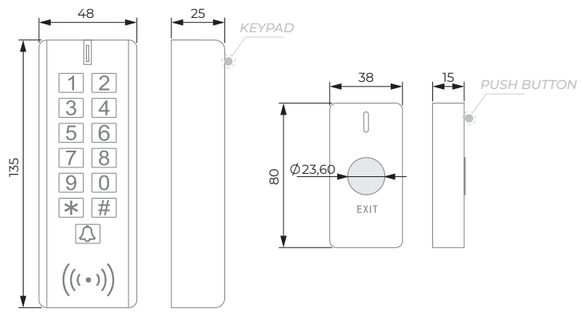
Type of installation	Surface-mounted
Height	135 mm
Width	48 mm
Depth	25 mm
Frequency	MF-13,56 Mhz
Exterior Installation (IP)	Yes (IP66)
Anti-Vandalism Protection	Yes (IK08)
Power Supply Voltage	12 VDC
Current consumption on idle (mA)	≤ 50 mA
Current consumption in active (mA)	≤ 120 mA
Output door 1	1.5A (Water contact)
Contact configuration door 1	NO/NC

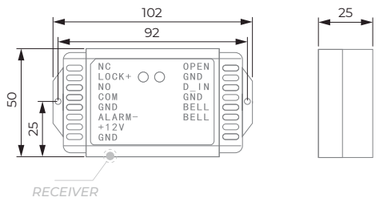
FUNCTIONS

User memory capacity	600 Users
Keyboard	Yes
Card	Yes
Led	Yes
Sound	Yes
Opening time	1'' - 99''
Alarm	Yes
Door status sensor	Yes

AUTHENTICATION

K19 access control does the authentication by means of keypad, card or key fob, with battery operation and memory for 600 users.





DORCAS TOTAL CONTROL

K20

Flexible and unlimited **digital master** key access control with real-time and remote permissions management. By means of an easy and intuitive web portal you can register and deregister and also set schedules or consult entry records. The copy-proof proximity keys make it ideal for locations where maximum security is sought.

INSTALLATION SPECIFICATIONS

Type of installation	Concealed
Diameter	40 mm
Depth	29 mm
Frequency	13.56 MHz
Exterior Installation (IP)	Yes (IP54)
Anti-Vandalism Protection	No
Power Supply Voltage	12 VDC
Current consumption on idle (mA)	≤ 50 mA
Current consumption in active (mA)	≤ 300 mA
Port output	5A (NO/NC)

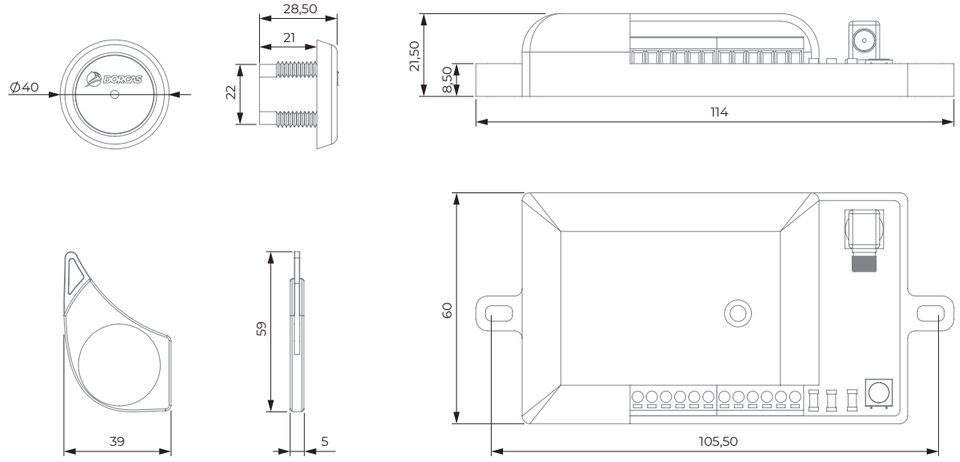
FUNCTIONS

Capacity	Unlimited users
Network	4G (SIM incorporated)
Group management	Yes
Schedules	Yes
Access records	Yes

AUTHENTICATION

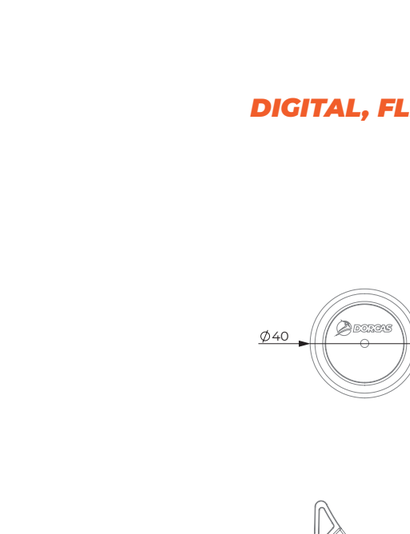
The K20 access control does the authentication by means of uncopiable proximity keys.
The **number of users in unlimited**, registrations and unregistrations can be made from remote.

DIGITAL, FLEXIBLE AND UNLIMITED MASTER KEYING! NEW



COMPONENTS

READER



Its inconspicuous, rounded **proximity reader** makes it easy to integrate around the access door, making it a modern, minimalist installation.

CENTRALITE

The **centralite**, being separate from the reader, can be concealed in the cut or in a wiring enclosure. Leaving only the reader visible.

BADGE

At DORCAS we know that security is the most important of all. That's why the **proximity keys** of the K20 access control are copy-proof.

REMOTE 4G MANAGEMENT VIA WEB

The K20 access control has a dedicated web portal you can access from anywhere you may be, from a computer, tablet or mobile phone.

ACCESS REGISTER

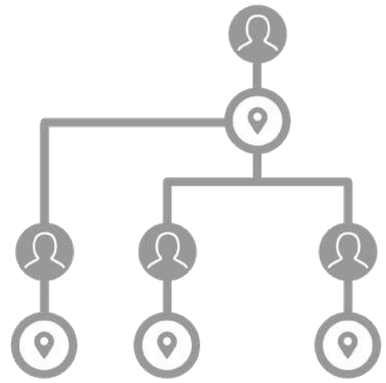
You can access the dedicated web portal to have full control of each user's entries and exits.

REAL TIME REGISTRATIONS AND DEREGISTRATIONS

User registrations and unregistrations are done easily, in real time and from anywhere.

DIGITAL, FLEXIBLE AND UNLIMITED MASTER KEYING! NEW

TRADITIONAL MASTER KEYING



DIGITAL MASTER KEYING

UNLIMITED

Far from the limitations of traditional master keying with inflexible cascade hierarchies, the K20 access control makes it possible to set up completely free and fully scalable master keying systems at any time.

QUICK AND SIMPLE

As it has 4G communication it is not necessary to deploy a wifi network in the installation. It includes a preactivated sim card, included in the pack.

UNLIMITED GROUPS

Unlimited user groups can be defined to grant entry permissions to different accesses.

SCHEDULE MANAGEMENT

With schedule management we can determine access time bands for a user or user group.

SECURITY KEYS

At DORCAS we know that security is the most important of all, which is why the proximity keys of the K20 access control are copy-proof.

PERSONALISATION

Several customisable colour options are available for the proximity keys, in order to be able to distinguish different access levels by colour. ON DEMAND

IP54 PROTECTION

The device has a IP54 degree of protection and is fully protected against dust and damp. It is also protected against water splashes.

DORCAS INVISIBLE

K4

Access control made up of a remote control (emitter) and a transformer (receiver). The emitter has two channels, enabling two doors with two receivers to be opened.
Up to **85 remote controls** can be connected.

It is complemented with any DORCAS electric strike. For its installation it is sufficient to replace the existing transformer with the K4.

INSTALLATION SPECIFICATIONS

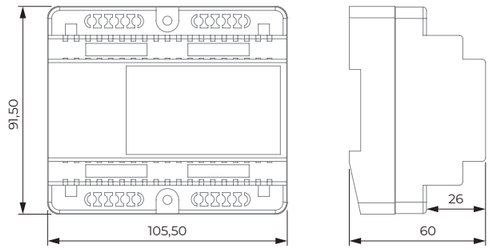
Type of installation	Surface-mounted
Height	91.60 mm
Width	105.60 mm
Depth	60 mm
Exterior Installation (IP)	No
Anti-Vandalism Protection	No
Power supply voltage	12VDC ± 10%
Operating voltage	12VDC
Max Operating current	0.7 A
Operating temperature	-20 °C +70 °C
Type of receiver	Superheterodyne
Frequency	433.92 MHz

FUNCTIONS

Capacity	85 remote controls
Touch keypad	No
Card	No
Bluetooth	No
Face recognition	No
Remote control	Yes
Activation time	1'' (Preset)
Max activation time	30''
Battery duration	12 - 18 months

RANGE

The K4 access control has a range of 20-30 metres when installed with something covering it, be it a building wall, concealed in the cut, etc. and a range of 60-70 metres when it is unobstructed.

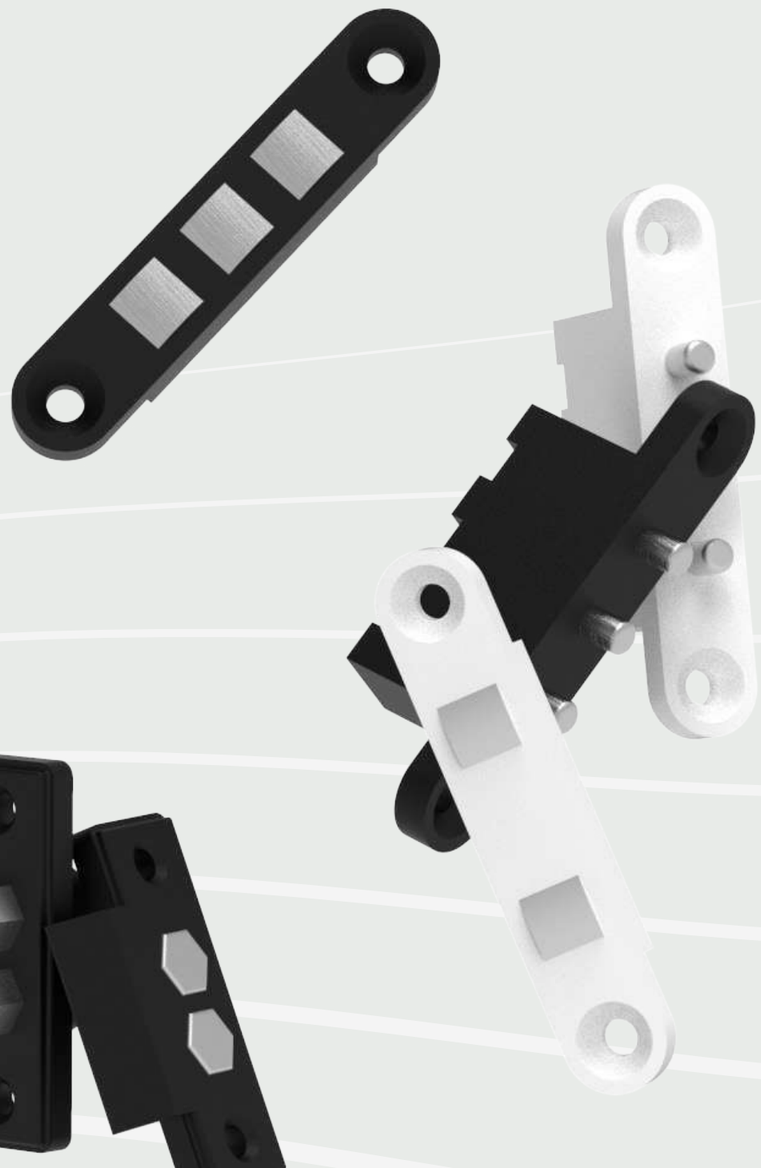


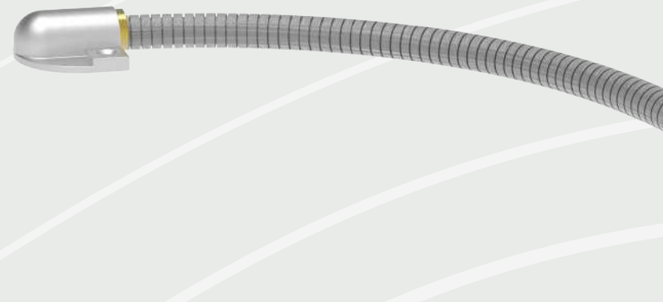
DORCAS - CATALOGUE 2023

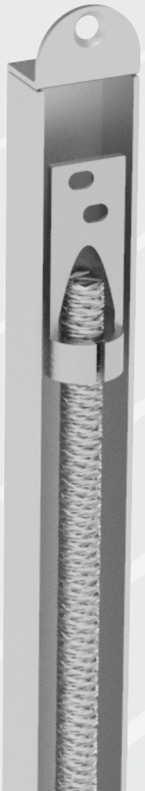
ACCESSORIES

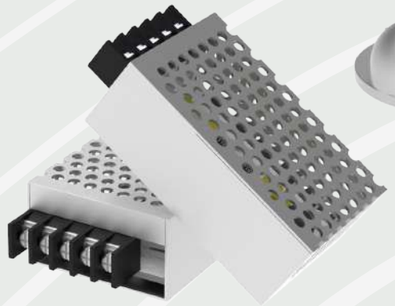
WHAT IS AN ACCESSORY?

DORCAS has a whole range of accessories available to the customer to complement the installation. From transformers or power supplies to busbar contacts.







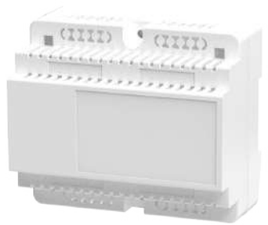


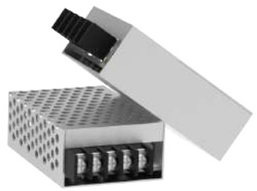
DORCAS

ACCESSORIES

TRANSFORMERS AND POWER SUPPLIES

At Dorcas we have a wide range of transformers and stabilised power supplies that cover the entire range of products we market.



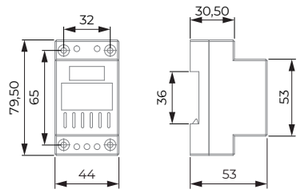


MODELS

TF1 ALTERNATING CURRENT

Input	125 - 230 VDC
Output voltage	12 VAC
Output current	0.5 A
Output power	6 W
Type of fastening	DIN M3

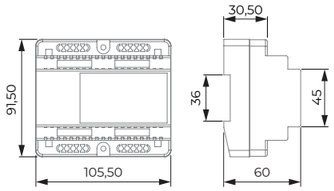
Ref: *E-TF1----------*



TF3 ALTERNATING CURRENT

Input	125 - 230 VDC
Output voltage	12 VAC
Output current	1.5 A
Output power	18 W
Type of fastening	DIN M6

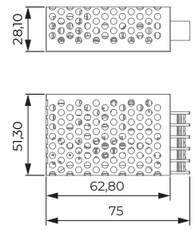
Ref: *E-TF3----------*



TF4.1 DIRECT CURRENT

Input	230 VAC
Output voltage	12 VDC
Output current	1.3 A
Output power	15.6 W
Type of fastening	Optional DIN

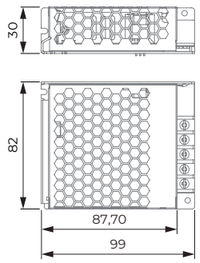
Ref: *E-TF4.1--------*



TF6 DIRECT CURRENT

Input	230 VAC
Output voltage	12 VDC
Output current	3 A
Output power	36 W
Type of fastening	Optional DIN

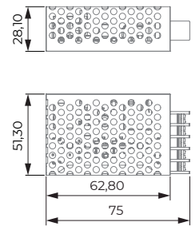
Ref: *E-TF6----------*



TF7 DIRECT CURRENT

Input	230 VAC
Output voltage	24 VAC
Output current	1.1 A
Output power	26.4 W
Type of fastening	Optional DIN

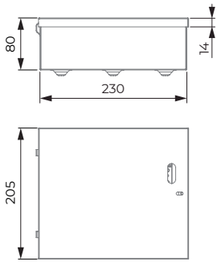
Ref: *E-TF7----------*



TF8 DIRECT CURRENT

Input	230 VAC
Output voltage	13.8 VDC
Output current	2 A
Output power	- W
Type of fastening	Wall anchoring

Ref: *E-TF8----------*



Recess for battery incorporation.

DORCAS

ACCESSORIES

ELECTRIC CONTACTS

Electric contacts serve to feed through electric current to the door frame when the door is closed.

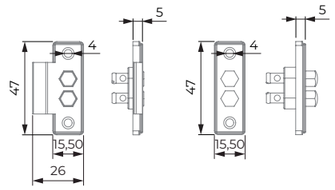
They allow current to pass through them; one part is recessed in the frame while the other is installed in the door leaf with both parts having to be well aligned for the terminals to meet.

MODELS

2CN

Installation ——— Flush-mounted
Material ——— ABS
Maximum current —— 2 A
Number of terminals — 2

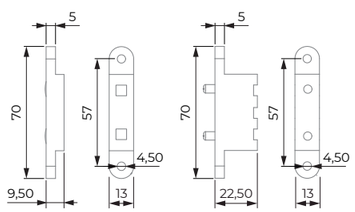
Ref. White: *E-2CN----------*
Ref. Black: *E-2CN/N---------*



2C

Installation ——— Flush-mounted
Material ——— ABS
Maximum current —— 2 A
Number of terminals — 2

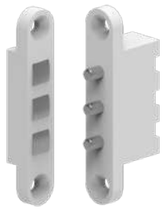
Ref. White: *E-2C----------*
Ref. Black: *E-2C/N---------*

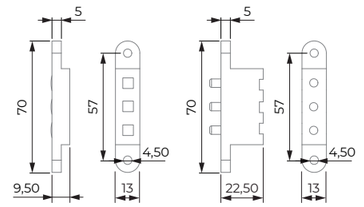


3C

Installation ——— Flush-mounted
Material ——— ABS
Maximum current —— 2 A
Number of terminals — 3

Ref. White: *E-3C----------*
Ref. Black: *E-3C/N---------*

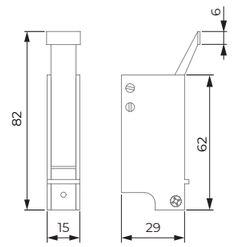




4C

Installation ——— Flush-mounted
Material ——— ABS
Maximum current —— 3 A
Number of terminals — 3 (Lever)

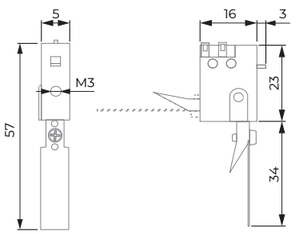
Ref: *E-4C----------*



6C

Installation ——— Flush-mounted
Material ——— Stainless steel
Maximum current —— 2 A
Number of terminals — 2

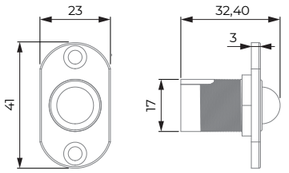
Ref: *E-6C----------*



CM2

Installation ——— Flush-mounted
Material ——— Metal/Plastic
Maximum current —— 2 A
Number of terminals — 1

Metal ref.: *E-CM2----------*
Plastic ref.: *E-CM1----------*



DORCAS ACCESSORIES

DOOR LOOPS

Door loops are a safe way of carrying the electrical wiring from the door frame to the leaf. The wiring is concealed and protected inside.

They adapt to wooden, metal or PVC doors.

We have different models and lengths. Special sizes made to order.

MODELS

X1

Surface-mounted cable ducts, suitable for any kind of door, protects cables from damage, made in flexible material.

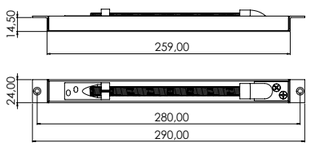
Base for holding the door.

Ref: *E-30094*---------
Ref: *E-X1*----------

X2

Flush-mounted cable duct, medium size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°

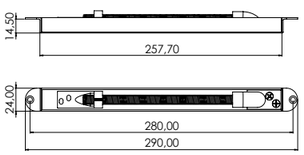
Ref: *E-30095*---------
Ref: *E-X2*----------



X2R

Flush-mounted cable duct, concealed with the door closed, mounted between door and frame on the hinges part. Rounded finishes.

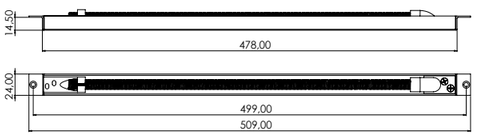
Ref: *E-30096/30*------
Ref: *E-X2R*----------



X2B

Flush-mounted cable duct, large size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°

Ref: *E-30096*---------
Ref: *E-X2B*----------

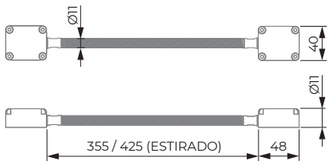


X3

Flexible tube suitable for any kind of door, protects cables from damage, made in flexible material.

Square base for holding the door.

Ref: *E-X3*----------



DORCAS

ACCESSORIES

PUSH BUTTONS

New range of DORCAS push buttons/switches, easy and quick to install models on offer.

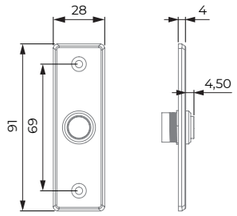
Most of the models have backlighting on the push button. Other models offer LED signalling that changes colour to indicate changes in status, like models PL10 and PL12.

MODELS

PL1 LED

Installation ——— Flush-mounted
Material ——— Stainless steel
Maximum current ——— 3 A / 36 V
Output contacts ——— COM / NC / NO
Backlighting ——— Yes

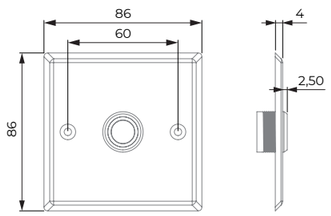
Ref: *E-PL1----------*



PL2 LED

Installation ——— Flush-mounted
Material ——— Stainless steel
Maximum current ——— 3 A / 36 V
Output contacts ——— COM / NC / NO
Backlighting ——— Yes

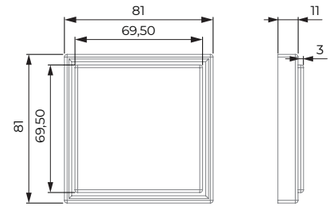
Ref: *E-PL2----------*



PL5

Installation ——— Flush-mounted
Material ——— Polycarbonate
Maximum current ——— 10 A / 250 V
Output contacts ——— COM / NO
Backlighting ——— No

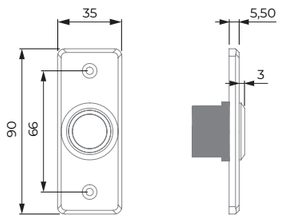
Ref: *E-PL5----------*



PL10 NO TOUCH

Installation ——— Flush-mounted
Material ——— Aluminium
Maximum current ——— 3 A / 36 V
Output contacts ——— COM / NC / NO
Backlighting ——— Yes (LED)

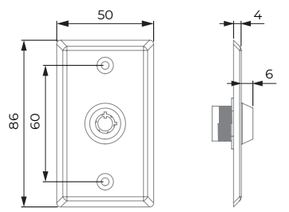
Ref: *E-PL10---------*



PL11

Installation ——— Flush-mounted
Material ——— Stainless steel
Maximum current ——— 3 A / 36 V
Output contacts ——— COM / NC / NO
Backlighting ——— No

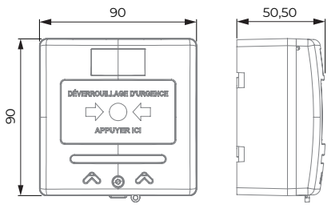
Ref: *E-PL11---------*



PL15

Installation ——— Surface-mounted
Material ——— Plastic
Maximum current ——— 12/24 VDC
Output contacts ——— (x2) NC / NO
Backlighting ——— Yes (LED)

Ref: *E-PL15---------*



DORCAS

ACCESSORIES

LATCHES AND DEADBOLTS

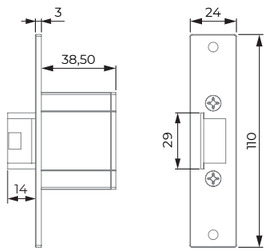
Dorcas completes the range of products with latches and deadbolts to be combined and used in installations with our products.

MODELS

PI1

Latch with stainless steel front, suitable for wooden doors. Makes the installation more secure thanks to its zinc alloy body.

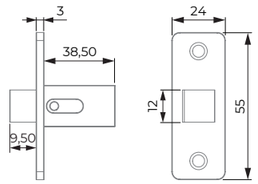
Ref: *E-PI1----------*



PI2

It has a locking system, securing the door once it is closed.

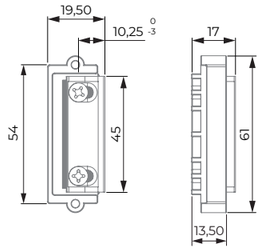
Ref: *E-PI2----------*



P10

'Dummy' model, if electrical operation for use when the installation is not yet finished, and during works. Thanks to its adjustable flap it can be adjusted to any latch.

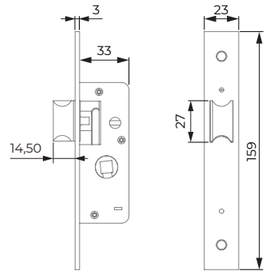
Ref: *E-30066---------*
Ref: *E-P10----------*



P11

The P11 latch is for flush-mounted installations. Its operation is without electric current and the opening is by handle.

Ref: *E-30066/E-------*
Ref: *E-P11----------*



WE ARE HERE! NEW

SOCIAL NETWORKS

WE ARE HERE!

Currently having an online presence is essential for any business, DORCAS adapts to the new times, so we spend time creating and managing content to help our followers by resolving doubts in a simple, visual and quick way, also informing about news in DORCAS.

Find us on Instagram, LinkedIn and Youtube, follow us and keep up to date with all our news.

medorcas medorcas_ medorcas_

All this, accompanied by a renewed website where you can find all the products, technical data sheets, instructions, etc.. With a product search engine so that customers can find the product that best suits their needs in a simple, fast and interactive way.

And as always, a telephone number available for technical/commercial support.

dorcas.com ***96 234 10 00***

NEWS

Keep up to date with what's new at DORCAS on our Instagram page, where new products and product highlights are uploaded.

EVENTS

If you want to get to know DORCAS products first hand, on Instagram we report on trade fairs and events we attend.

ONLINE TRAINING

The technical/commercial team uploads training videos on new products at both technical and commercial levels.

INSTALLATION VIDEOS

DORCAS offers you videos of installation and/or configuration of our products on our Youtube channel.

DORCAS PUBLICATIONS

Publications on the latest developments in the sector.

JOB OFFERS

If you are interested in working with us, don't miss the latest job offers available on LinkedIn.

AGILITY
INNOVATION
QUALITY

DORCAS

THANK YOU FOR INSPIRING US!

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