GENERAL CATALOGUE















04

DORCAS

DORCAS began its story in 1971, and we are still committed to the future, which is why innovation is one of our company's distinctive

ELECTRIC STRIKES

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.

MODELS...PAGE 20-155 154

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.

MODELS.....PAGE 160-175 176

ELECTROMECHANICAL LOCKS

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 are installed on the frame, and they offer lasting performance and low maintenance.

MODELS.....PAGE 180-212

214

MECHANICAL LOCKS

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.

.....PAGE 218-219

220

ELECTROMAGNETIC LOCKS

An electromagnetic lock is an electromagnet and a counter plate, with the electromagnet being fitted to the door frame and the counter plate fitted to the door leaf. When we power it up the counter plate gets fixed to the electromagnet and the door stays closed. The operation is reversed: the door opens when the electric current is cut.

MODELS.... ...PAGE 229-243 MODELS....PAGE 248-249 250

DOOR CLOSERS

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.

MODELS.....PAGE 258-274 276

DOOR **OPERATORS**

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.

MODELS.....PAGE 282-283 284

ACCESS **CONTROL**

Access controls 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.

MODELS.....PAGE 288-296

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ACCESSORIES

DORCAS has a whole range of accessories available to the customer to complement the installation. From transformers or power supplies to busbar contacts.

MODELS.....PAGE 300-309

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

















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"



Alternating (AC) and direct (DC)

Unlocking

800 Kg

x kg Breakage limit

FAIL SECURE

FAIL SAFE

Fail secure & fail safe



Alternating current

7

Non-radial latch



Direct current

R

Radial latch

EASY

Easy to fit

FAIL SAFE

Fail safe



Flush-mounted installation

12V in DC



Multi-voltage from 10 to 24 in AC or DC



Bi-voltage 12 or 24 in DC



Flex flap





Monitoring



Reversible





DST technology





Repositioning



Opens with push-button, manual

Keyboard

M

For armoured



Opens with card, key or keyboard



Card or key fob



Opens electrically

or with key

3

Remote control

Schedule



Recognition by fingerprint

Opens electrically







FAIL SECURE

Fail secure

Key opening





Non-reversible

x kg of preload in fail secure



Automatic normal

fail safe and fail



Monoblock latch

(Tolland

Automatic sliding



Pinion mechanism





User register





NEW

Bluetooth













For businesses



Invisible





New product



For panic bars





Weather resistant





Deep latch





IP Water resistant

Dust resistant

High-resistance



Electric opening

Fire-resistant



Standard EN 14846

Fire-resistant 60 minutes



Standard EN 61

Fire-resistant 120 minutes

NFS 61-937



IP 68



with key







Face recognition





DORCAS 50 years

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**



TYPE OF INSTALLATION



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 surfacemounted.





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



TYPES OF OPERATION

NORMAL FUNCTION



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



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

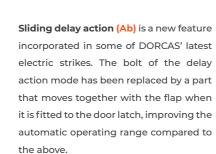
function is made possible by a bolt

on the bracket of the mechanism in

combination with the door's latch,

which activates the automatic function

when the strike receives current.





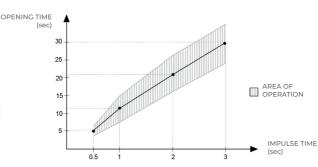
Invisible delay action (Aa) gives the electric strike the delay action without any additional mechanism or part external to it thanks to its internal construction. A short electrical pulse period is recommended for this version to operate correctly.

TIME DELAY ACTION



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.

RADIAL

NO RADIAL





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.



ELECTRICAL FUNCTIONS



FAIL SECURE





The electric strike idle position is opened.

The electric strike idle position is closed.







On receiving current the system locks allowing the door to be

On receiving current the system unlocks allowing the door to be





TOP SYSTEM

or unlocked).

MONITORING



monitoring have a COM / NO - NC to indicate the door's status.

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

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

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





INSTALLATION WITH TOP SYSTEM



into the strike.

Version in STEEL

Version in MIM





TOP version with a central guide ramp,

which facilitates the guiding of the latch

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.



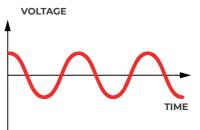


This version has an exterior extension that facilitates the entry of the latch, making for a less aggressive closure. This system allows for the refitting of a NO TOP electric strike and faceplate with a cut-out already made in the frame. Especially indicated for PVC.

ALTERNATING CURRENT



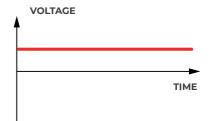
Alternating current is the most used and widespread form of energy. This type of power supply is the one in which we hear the classic buzzing when power is supplied. This type of power supply is indicated for use by pulsing or short spaces of time (3,5,10 seconds).



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.





















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

THE TECHNOLOGY THAT CHANGES EVERYTHING.

secondary system that ensures locking if opening is not authorised.

TRADITIONAL TECHNOLOGY

SHORT BAR - LONG BAR

electric strike to open.

System in which we administer electricity and a coil moves the short bar, which releases the interlock with the long bar and allows the

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

be performed.

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

3 BACK-UP LOCKING

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



PRELOAD AT 20 KG.

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



THE TECHNOLOGY THAT CHANGES EVERYTHING









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:

Series retains all the advantages of the 91 series but is designed for fire doors.

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

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.



100 SERIES

SF100 SERIES



21



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.





22

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



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



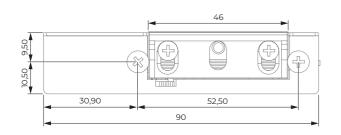


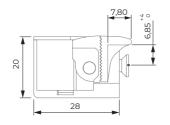




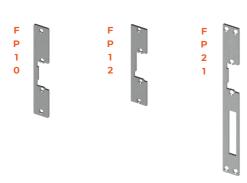
FUNCTIONS

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





RECOMMENDED FACEPLATES



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





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

ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	6-12	8-12	12	24	12(412)		24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	AC-DC	С	DC		DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL CECLIDE	FAIL SECURE -	FAIL S	FAIL SECURE			EAU CAFE
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	N	А	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)	-	-	-	-		-	-	-	-
						1			

45 SERIES

Series 45 stands out due to being symmetrical and reversible.

INSTALLATION SPECIFICATIONS

Type of installation — Flush-mounted

Reversible — Yes

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

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





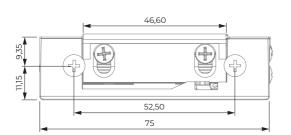




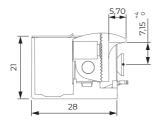
3 C 5 0 - 0 0 1 0

FUNCTIONS

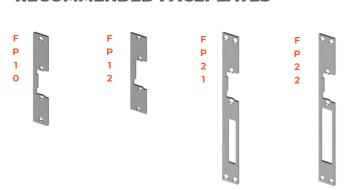
Flex la	atch ———	Yes
Mond	block latch ———	No
Speci	aljaw ———	No
Unloc	cking (D)	Optional
Micro	switch (305) ———	Optional
Ridire	ectional diode —	Ontional



75 mm / 82.80 mm (305)



RECOMMENDED FACEPLATES



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 AF

45 NDF

45 ADF







45 AaF







ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	10-	-24	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
	FAIL S	ECURE						FAIL SAFE	
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL SAFE
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 c	nil tolerance	5%						

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

A version with an automatic sliding system (Ab) is available, which

INSTALLATION SPECIFICATIONS

Type of installation — Flush-mounted

67 mm / 74.8 mm (305)

Reversible — Yes

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

installations where the dimensions are small.

covers a wider operating range.



RECOMMENDED FACEPLATES



















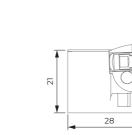




FUNCTIONS

lex latch ———	Yes
Monoblock latch ———	No
Special jaw ————	Optional
Jnlocking (D)	Optional
vicroswitch (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

54 NF



54 NDF

54 ADF



54 AbF

54 NF 305



54 NDF 305

54 AbDF











54 AaF

54 AF









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

ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	10-	24	6-12	8-12	24	12(412)	24(424)	12(512)	24(52
VOLTAGE RANGE	AC-	DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL SI	ECURE	FAIL CECUPE	FAIL SECURE	FAIL CECURE	FAIL CECUPE	FAIL CECUPE	5411 CAFE	EAU 6
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL S.
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% 24 VI
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 c	oil tolerance !	5%.						

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

INSTALLATION SPECIFICATIONS

Type of installation — Flush-mounted

Reversible — Yes

Depth ______ 25,50 mm Latch insertion depth — 4,70 mm Flex latch adjustment (F) +3 -0 mm Electrically tested cycles ______ 200,000 Break-in resistance — 2,950 N Operating temperature -25/+50 °C







SMALL SIZE

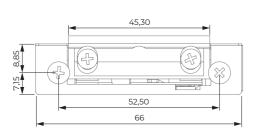


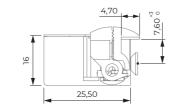




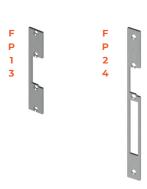
FUNCTIONS

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





RECOMMENDED FACEPLATES



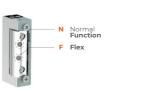
REGULATION

Electromag	gnetic compatibility	Directive 2014/30/EU
	RAEE	RII AEE 8015
Lo	ow voltage directive	Directive 2014/35/EU
Dar	ngerous substances	Directive 2014/65/EU
	Building hardware	UNE-EN-14846:2010

MODELS

41 NF

41 NDF







41 AF

41 AaF



41 ADF

41 AaDF







41 AbDF





ELECTRICAL SPECIFICATIONS

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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)	OPEN DC (N)		-	-	-	-	-
	Maximum coil t	tolerance 5%					
	%ED has been calculated in accordance with standard time of 10 minutes.						









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

INSTALLATION SPECIFICATIONS

42 SERIES

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

Non-symmetrical series specific for installation in profiles.

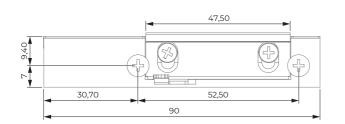
Type of installation —————	Flush-mounted
Reversible ————	Yes
Symmetrical —————	No
Height —	90 mm
Width —	16.50 mm
Depth —	28 mm
Latch insertion depth —————	5.8 mm
Flex latch adjustment (F)	+3 -0 mm
Electrically tested cycles ————	200,000
Break-in resistance	2,450 N
Operating temperature ————	-25 / +50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

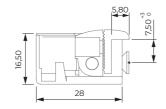




FUNCTIONS

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





RECOMMENDED FACEPLATES



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 DANIGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONING	EAU CECURE	FAIL CECLIDE -	FAIL S	FAIL SECURE			EAU CAFE
FUNCTIONING	FAIL SECURE	FAIL SECURE	N	А	FAIL SECURE	FAIL SAFE	FAIL SAFE
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 t	tolerance 5%.					

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

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





32

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.

INSTALLATION SPECIFICATIONS

Type of installation — Flush-mounted

Reversible — Yes Symmetrical — No

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





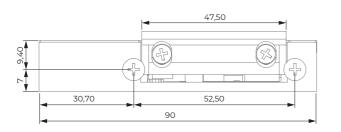


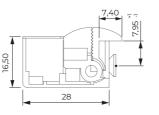




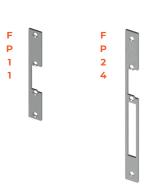
FUNCTIONS

lex latch ———	Yes
Nonoblock latch ———	No
pecial jaw ————	No
Inlocking (D)	Optional
1icroswitch (305)	No
Bidirectional diode —	Optional





RECOMMENDED FACEPLATES



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 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 DANGE	6-12	8-12	12(412)		24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	DC		DC	DC	DC
FUNCTIONING	FAIL CECURE	FAIL CECLIDE -	FAIL S	ECURE			EAU CAEE
FUNCTIONING	FAIL SECURE	FAIL SECURE	N	А	FAIL SECURE	FAIL SAFE	FAIL SAFE
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.

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

35



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.

INSTALLATION SPECIFICATIONS

Type of installation — Flush-mounted

Reversible — Yes Symmetrical — Yes

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





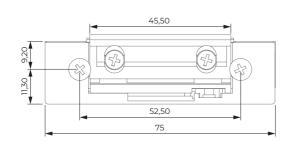


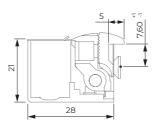




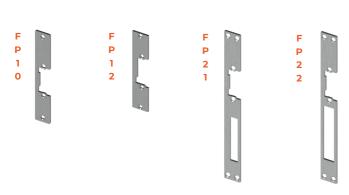
FUNCTIONS

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





RECOMMENDED FACEPLATES



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





44 NDF

44 AaDF



44 AF



44 ADF

44 AaF





SPECIAL JAWS







Manufactured in NICKEL PLATED STEEL



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

ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	10-	-24	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-	AC-DC		AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL S	FAIL SECURE			FAIL CECLIDE				EAU CAEE
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
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%.								

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.

INSTALLATION SPECIFICATIONS

---- 75 / 88.70 (block) mm

52,50

___ 21 mm ___ 29 mm

Reversible — Yes

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

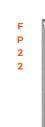
Type of installation ———





RECOMMENDED FACEPLATES













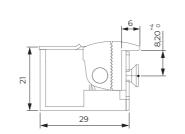


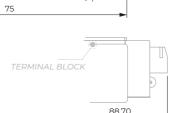




FUNCTIONS

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





170

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

























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

ELECTRICAL SPECIFICATIONS

						, ,		, ,		
VOLTAGE RANGE	AC-DC		AC-DC	AC-DC	AC-DC	DC	DC	DC		
	FAIL SECURE									
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE		
COIL RESISTANCE (Ω)	43	43 38		17	58	132	63	230		
ELECTRICAL DUTY CYCLE (%ED)	T CONSUMPTION (mA) 175 (10 V) 210 (10 V) 56 (20 (12 V) 250 (12 V) 400 (24 V) 510 (24 V) 240 (10 V) 270 (10 V) 75		10%ED	20%ED	20%ED	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC		
AC CURRENT CONSUMPTION (mA)			565 (6 V) 1150 (12 V) -			-	-	-		
DC CURRENT CONSUMPTION (mA)			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)	RELOAD OPEN DC (N) 55N (12 V) 220N (24 V)		-	-	-	-	-	-		
	oil tolerance 5	5%.								
	%ED has been calculated in accordance with standard time of 10 minutes.									

6-12

cable outlet.

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







21 SERIES CONCEALED ON THE FRAME......PAGE 42-43

27 SERIES UNIVERSAL REVERSIBLE BOLTLESS......PAGE 44-45

INGERSOLL SERIES FOR INGERSOLL TYPE LOCKS......PAGE 46-47

80 SERIES FOR SURFACE LOCKS WITH PULL HANDLE......PAGE 48-49



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



FINISHES

BROWN

20 SERIES

Reversible series for surface-mounted installations.

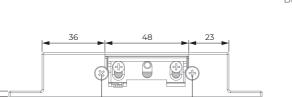
Ideal for combining with surface-mounted rim without latch. Are installed directly on the surface of the frame leaving the screws visible.

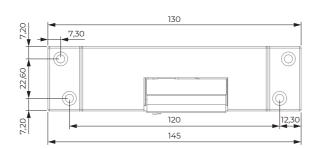


INSTALLATION SPECIFICATIONS

Operating temperature -25 / +50 °C

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



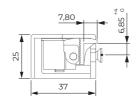






FUNCTIONS

-lex latch	Optional
Monoblock latch ———	Optional
Special jaw ————	No
Unlocking (D)	Optional
Microswitch (305)	No
Ridirectional diode —	Ontional



REGULATION

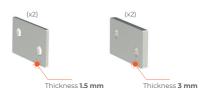
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS



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 DANIGE	6-12	8-12	12	24	12(12(412)		12(512)	24(524)		
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	AC-DC	DC		DC	DC	DC		
					FAIL S	FAIL SECURE					
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE -	N	А	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%.										

when fitted.

































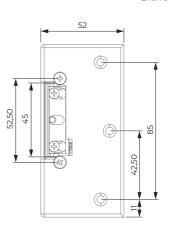






FUNCTIONS

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



RIM WITHOUT LATCH

21 SERIES

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

INSTALLATION SPECIFICATIONS

Type of installation — Surface-mounted

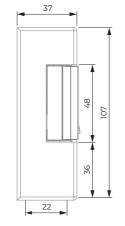
Width ______ 25 mm / 52 mm Depth _______ 37 mm

Flex latch adjustment (F) +4 -0 mm Electrically tested cycles ______ 200,000 Break-in resistance _____ 3,000 N Operating temperature -25 / +50 °C

Latch insertion depth — 7.8 mm / 11.80 mm (Monoblock)

Reversible — Yes Symmetrical — No Height ______ 107 mm

Reversible series for surface-mounted installations.



FINISHES 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

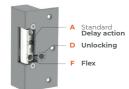




21 AF



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(12(412)		12(512)	24(524)
VOLIAGE RANGE	AC-DC	AC-DC	AC-DC	AC-DC	Е	DC		DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE		FAIL S	FAIL SECURE			EALL CAFE
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE -	N	А	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%.

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

SURFACE-MOUNTED OR FLUSH-MOUNTED



RIM WITHOUT LATCH

Surface-Mounted / Flush-Mounted

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

_____ 107 mm

______ 25 mm / 52 mm

Latch insertion depth — 7.8 mm / 11.80 mm (Monoblock)

surface-mounted series, the screws are concealed when fitted.

INSTALLATION SPECIFICATIONS

Reversible — Yes

Depth ______ 37 mm

Flex latch adjustment (F) +4 -0 mm Electrically tested cycles — 200,000 Break-in resistance _____ 3,000 N Operating temperature -25 / +50 °C







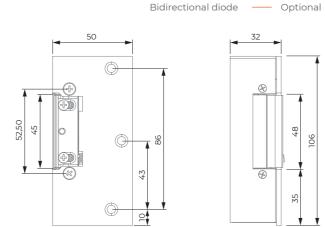


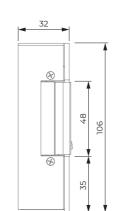




FUNCTIONS

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





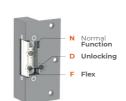
REGULATION

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 NDF









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.





ELECTRICAL SPECIFICATIONS

	6-12	8-12	12	24	12(4	412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	AC-DC	D	C	DC	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL CECLIDE -	FAIL SECURE N A		FAIL SECURE	FAIL SAFE	EAU CAFE
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE			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. Series developed specifically for automatic locking doors, interior or exterior, fitted with Ingersoll SC-71 type locks.



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

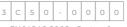






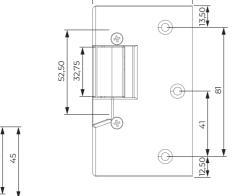


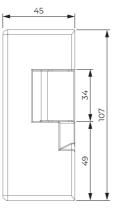




FUNCTIONS

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





FINISHES



PLATED



GOLDEN

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



 $\textbf{INGERSOLL}_{\,\,\text{TM}}\,\,\textbf{SC71}\,\,\,\text{Ingersoll cylinder locks combine the security of 10 levers with exceptional style.}\,\,\text{The bolt is}$ 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 DANIGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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 acc	ordance with sta	ndard time of 10	minutes.		

handle.

DORCAS

80 SERIES

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

INSTALLATION SPECIFICATIONS

Type of installation — Surface-mounted

FUNCTIONS

Flex latch — No

Monoblock latch — No

Special jaw No

Unlocking (D) ---- No

Microswitch (305) - No

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

Bidirectional diode — Optional

Reversible — Yes

Depth ______ 24.3 mm

Electrically tested cycles ______ 250,000

Break-in resistance — 2,950 N

Operating temperature -25 / +50 °C

MODELS

80 N

ELECTRIC STRIKE

SHORT CHAIN SECTION

ELECTRICAL SPECIFICATIONS

FAIL SECURE

20%ED

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

VOLTAGE RANGE FUNCTIONING

COIL RESISTANCE (Ω) ELECTRICAL DUTY CYCLE (%ED)

AC CURRENT CONSUMPTION (mA)

DC CURRENT CONSUMPTION (mA)

MAX. PRELOAD OPEN AC (N)

MAX. PRELOAD OPEN DC (N)

LONG CHAIN SECTION



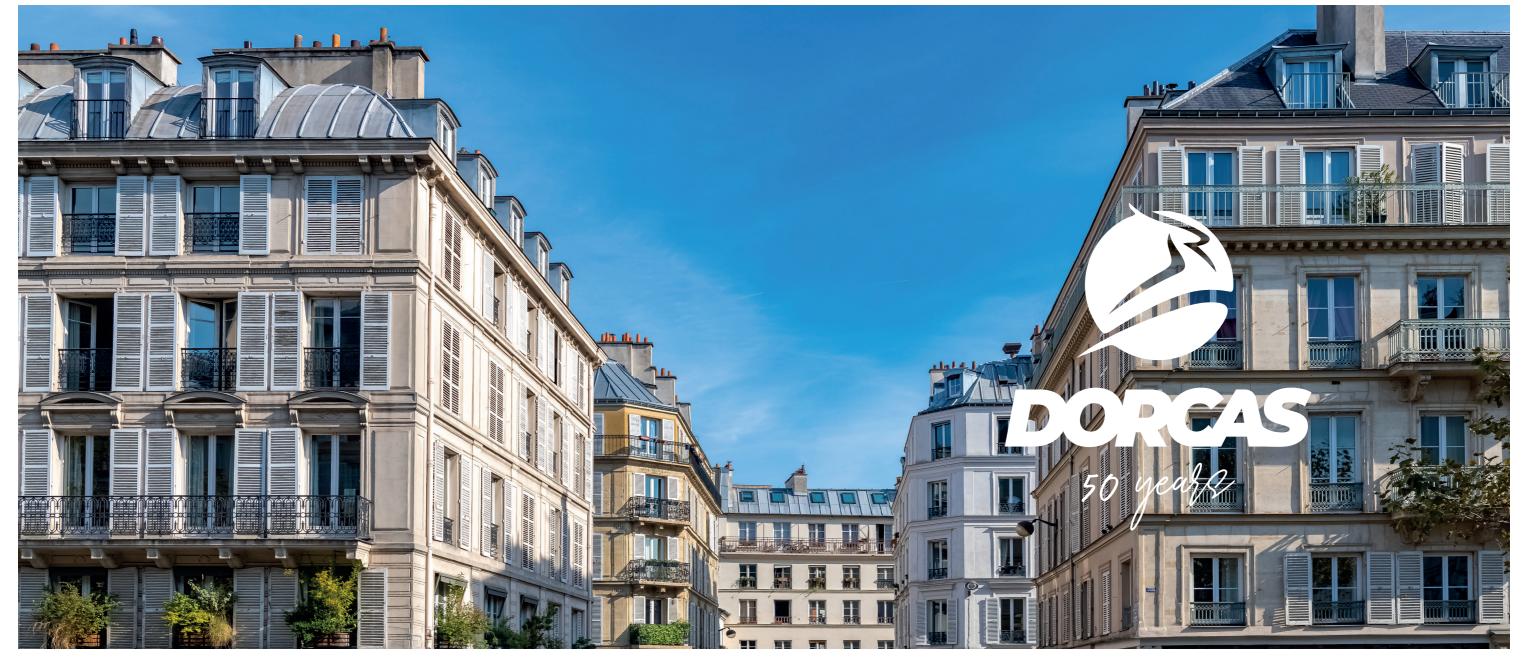
23 SERIES REVERSIBLE FOR VERTICAL LOCKS......PAGE 52-53

24 SERIES REVERSIBLE FOR HORIZONTAL LOCKS......PAGE 54-55

26 SERIES FOR BOLT TYPE 56......PAGE 58-59

66 SERIES UNIVERSAL REVERSIBLE WITH BOLT.....PAGE 60-61

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





52

REVERSIBLE

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.



INSTALLATION SPECIFICATIONS

Type of installation ————	Surface-mounted
Reversible ————	
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





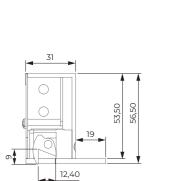


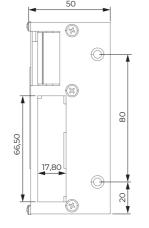


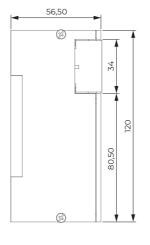


FUNCTIONS

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







FINISHES



BLACK



BROWN

Electromagnetic compatibility Directive 2014/30/EU

RAEE RII AEE 8015

Low voltage directive Directive 2014/35/EU

Dangerous substances Directive 2014/65/EU

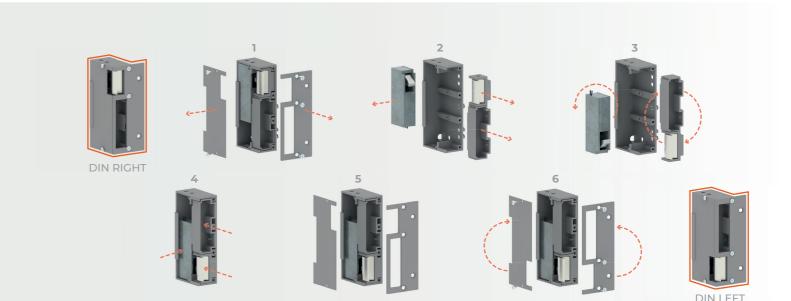
Building hardware UNE-EN-14846:2010

REGULATION

MODELS



The 23 series is reversible, for 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

	8-12	12-24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	30	70	220	70	230
ELECTRICAL DUTY CYCLE (%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)	350 (8V) 510 (12V)	500 (12V) 1000 (24V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	490 (8V) 715 (12V)	600 (12V) 1100 (24V)	180	120	180	110
MAX. PRELOAD OPEN AC (N)	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-	-
	Maximum coil t	olerance 5%.				
	%ED has been calculated in accordance with standard time of 10 minutes.					

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.



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







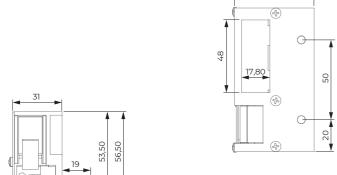


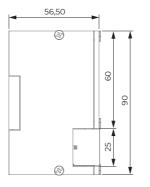
REVERSIBLE



FUNCTIONS

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





FINISHES



GREY



BLACK

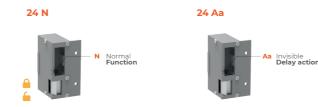


BROWN

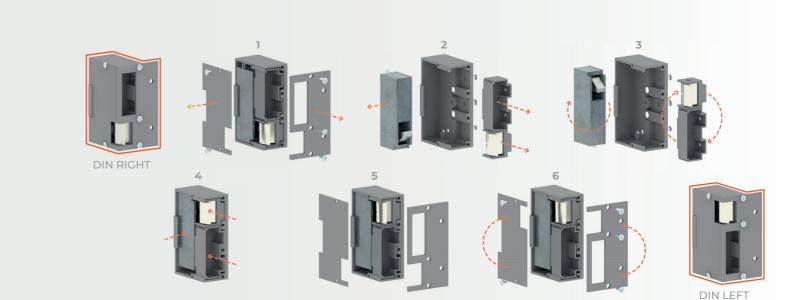
REGULATION

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



The 24 series is **reversible**, for 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	8-12	12-24	12(412)	24(424)	12(512)	24(524)
VOLIAGE RANGE	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	30	70	220	70	230
ELECTRICAL DUTY CYCLE (%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)	350 (8V) 510 (12V)	500 (12V) 1000 (24V)	-	-	-	-
DC CURRENT CONSUMPTION (mA)	490 (8V) 715 (12V)	600 (12V) 1100 (24V)	180	120	180	110
MAX. PRELOAD OPEN AC (N)	-	90	-	-	-	-
MAX. PRELOAD OPEN DC (N)	-	10	-	-	-	-
	Maximum coil tolerance 5%.					
	%ED has been calculated in accordance with standard time of 10 minutes.					

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

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

Surface-mounted

Type of installation

Reversible — No





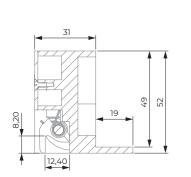


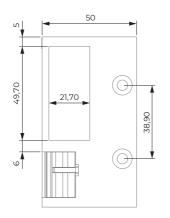


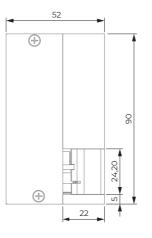


FUNCTIONS

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







FINISHES



GREY





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

REGULATION

MODELS





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)
VOLIAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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%.							



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





MODELS

26 N



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

26 A

VERTICAL LOCK 26 SERIES STRIKES DIN RIGHT

ELECTRICAL SPECIFICATIONS

	6-12	8-12	12-24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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

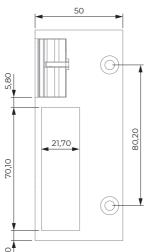
26 SERIES

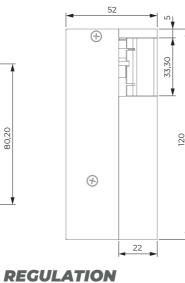
Series for surface-mounted installations. Ideal for combining with surface-mounted vertical locks with bolt type 56. Despite being

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





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

FUNCTIONS

Flex latch — No Monoblock latch — Yes

Special jaw — No Unlocking (D) ---- No

Microswitch (305) - No Bidirectional diode — Optional

FINISHES











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.

INSTALLATION SPECIFICATIONS

Depth — 62 mm / 59 mm

Reversible — Yes

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

Surface-mounted

_____ 51.50 mm / 24.10 mm

Type of installation ———



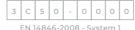
UNIVERSAL REVERSIBLE





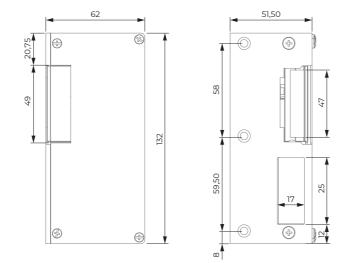






FUNCTIONS

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



REGULATION

FINISHES



BLACK

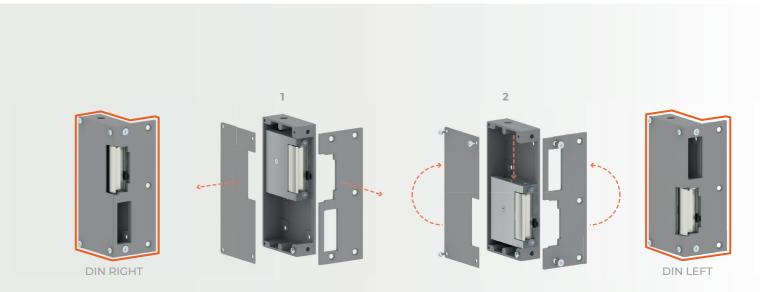


Electromagnetic compatibility Directive 2014/30/EU RAEE RII AEE 8015 Low voltage directive Directive 2014/35/EU Dangerous substances Directive 2014/65/EU Building hardware UNE-EN-14846:2010

MODELS



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.

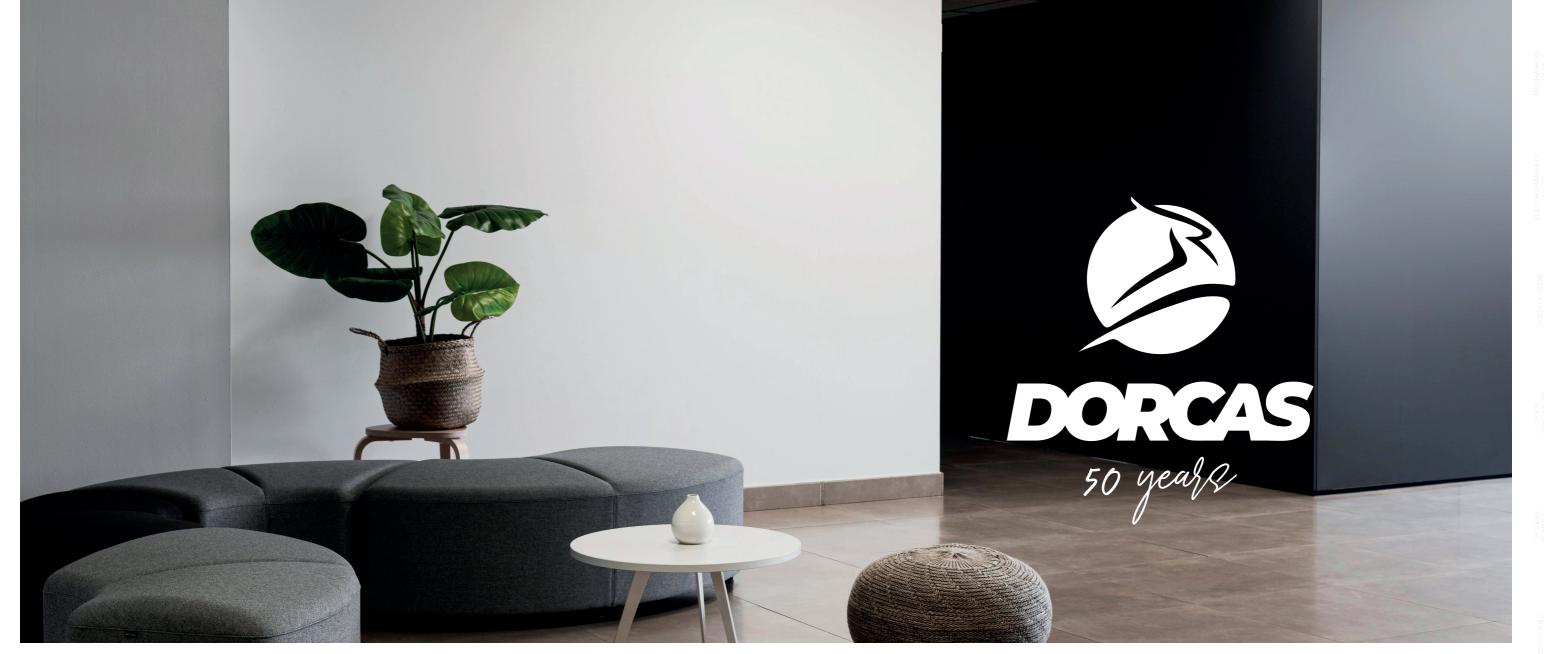
ELECTRICAL SPECIFICATIONS

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
FUNCTIONING	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.						

89 SERIES ELECTRIC OR MANUAL OPENING......PAGE 64-65



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





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.



INSTALLATION SPECIFICATIONS

Type of installation —— Flush-mounted / Surface-mounted

Reversible — Yes Symmetrical ——

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





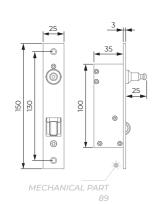


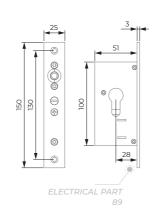


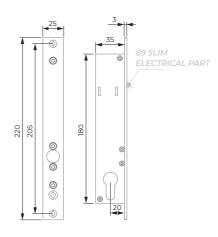


FUNCTIONS

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	LINE-EN-14846:2010

MODELS







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





ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	12(412)	24(424)
VOLTAGE RANGE	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE
COIL RESISTANCE (Ω)	12	48
ELECTRICAL DUTY CYCLE (%ED)	100%ED	100%ED
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	1000	205
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.



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

89 SLIM

	89.5	LIM	
12(412)	24(424)	12(512)	24(524)
DC	DC	DC	DC
FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
12	48	12	48
100%ED	100%ED	100%ED	100%ED
-	-	-	-
1000	205	1000	205
-	-	-	-
-	-	-	-
Maximum coil 1	tolerance 5%.		
%ED has been accordance wit	h standard		

34 SERIES TO BE INCORPORATED IN FITTING.......PAGE 68-69

83 SERIES FOR DOUBLE-LEAF GLASS DOORS......PAGE 70-71

87 SERIES FOR GLASS DOORS WITH FRAME......PAGE 72-73

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.





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

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







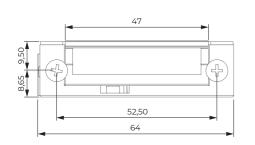


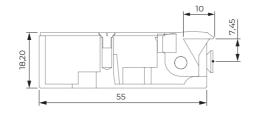




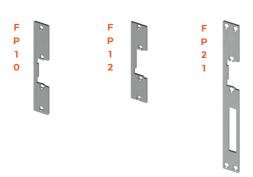
FUNCTIONS

-lex latch	No
Monoblock latch ———	Yes
Special jaw ————	No
Unlocking (D)	Optional
Microswitch (305)	No
Bidirectional diode ——	Optional





RECOMMENDED FACEPLATES



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

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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.						

MODELS









83 ADF

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

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.

DORCAS

83 SERIES

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





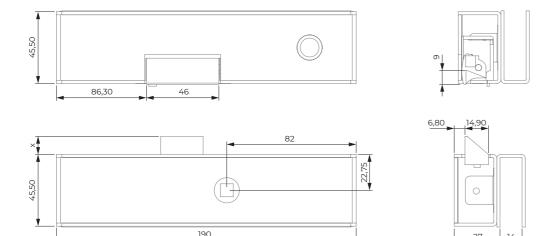






FUNCTIONS

Flex latch ————	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

ELECTRICAL SPECIFICATIONS

6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
8	17	58	68	220	68	230
10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 VDC	100%ED 12 VDC	100%ED 24 VDC
565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	-	-	-	-
750 (6 V) 1500 (12 V)	490 (8 V) 715 (12 V)	410	210	120	190	110
100N (12 V)	-	-	-	-	-	-
-	=	=	=	-	=	-
	AC-DC FAIL SECURE 8 10%ED 565 (6 V) 1150 (12 V) - 750 (6 V) 1500 (12 V) - 100N (12 V)	AC-DC AC-DC FAIL SECURE FAIL SECURE 8 17 10%ED 20%ED 565 (6 V) 350 (8 V) 1150 (12 V) 510 (12 V) - 750 (6 V) 490 (8 V) 1500 (12 V) 715 (12 V) - 100N (12 V) -	AC-DC AC-DC AC-DC FAIL SECURE FAIL SECURE FAIL SECURE 8 17 58 10%ED 20%ED 20%ED 565 (6 V) 350 (8 V) 1150 (12 V) 510 (12 V) 340 - 750 (6 V) 490 (8 V) 1500 (12 V) 410 - 100N (12 V)	AC-DC AC-DC AC-DC DC FAIL SECURE FAIL SECURE FAIL SECURE 8 17 58 68 10%ED 20%ED 20%ED 100%ED 12 VDC 565 (6 V) 350 (8 V) 340 750 (6 V) 490 (8 V) 1500 (12 V) 100N (12 V)	AC-DC AC-DC AC-DC DC DC FAIL SECURE FAIL SECURE FAIL SECURE FAIL SECURE 8 17 58 68 220 10%ED 20%ED 20%ED 100%ED 12 VDC 24 VDC 565 (6 V) 350 (8 V) 1150 (12 V) 340	AC-DC AC-DC AC-DC DC DC DC FAIL SECURE FAIL SECURE FAIL SECURE FAIL SECURE FAIL SECURE 8 17 58 68 220 68 10%ED 20%ED 20%ED 100%ED 100%ED 100%ED 12 VDC 565 (6 V) 350 (8 V) 1150 (12 V) 510 (12 V) 340

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

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





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

TOP INSTALLATION



LATERAL INSTALLATION



ELECTRICAL SPECIFICATIONS

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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 t	tolerance 5%.					
	%ED has been	calculated in acc	ordance with sta	ndard time of 10	minutes.		

INSTALLATION SPECIFICATIONS

directly. (maximum thickness 12 mm).

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

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



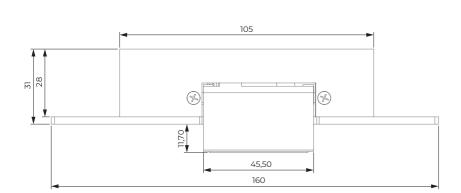


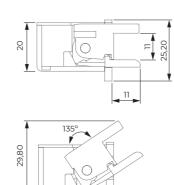


FUNCTIONS

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

56 SERIES TIMED AND STRONG.....

AT99 SERIES TIMED IN SMALL SIZE......PAGE 144-145



DORCAS

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







MODELS

56 AtF

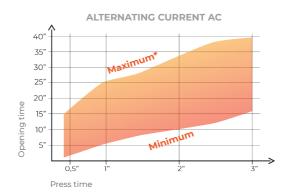




56 AtDF

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



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE

COIL RESISTANCE (Ω)

ELECTRICAL DUTY CYCLE (%ED)

AC CURRENT CONSUMPTION (mA)

DC CURRENT CONSUMPTION (mA) MAX. PRELOAD OPEN AC (N) MAX. PRELOAD OPEN DC (N)

FUNCTIONING

10-12

AC-DC

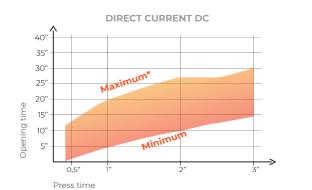
FAIL SECURE

30

TIMED

650 (12 V)

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



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.





INSTALLATION SPECIFICATIONS

which it is locked again to prevent unwanted access.

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

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





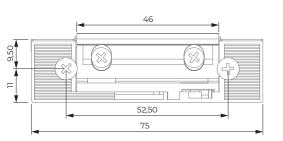


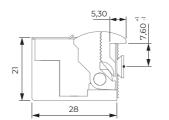




FUNCTIONS

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





RECOMMENDED FACEPLATES



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

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

47 SERIES FOR AMERICAN LOCKS......PAGE 82-83

57 SERIES MANUAL CHANGE FROM FAIL SECURE TO FAIL SAFE......PAGE 84-85

84 SERIES FOR DEEPER AND LONGER DEADBOLT......PAGE 86-87

AMERICAN MARKET

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



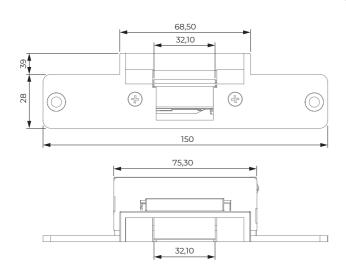
Symmetrical and reversible series, designed to be combined with **ANSI type locks**. Its body of length 75 mm means that it is mainly aimed at tubular type locks.



INSTALLATION SPECIFICATIONS

Operating temperature -25 / +50 °C

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





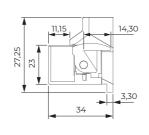






FUNCTIONS

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

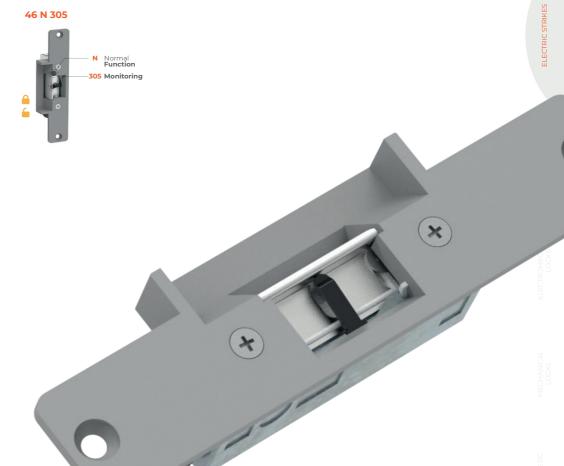


REGULATION

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







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

81

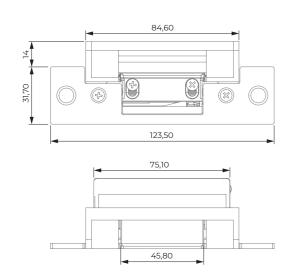
VOLTAGE DANGE	8-16	14-24	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	DC	AC	DC	DC	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
COIL RESISTANCE (Ω)	17	45	58	68	132	58	230
ELECTRICAL DUTY CYCLE (%ED)	10%ED	20%ED	20%ED	100%ED 12 VDC	100%ED 24 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.						

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





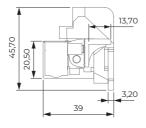






FUNCTIONS

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	UNF-FN-14846:2010

MODELS

47 NF





47 NF 305



SPECIAL JAWS





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

ELECTRICAL SPECIFICATIONS

VOLTAGE DANIGE	8-16	14-24	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	DC	AC	DC	DC	DC	DC
FUNCTIONING	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 t	olerance 5%					
	%ED has been calculated in accordance with standard time of 10 minutes.						

ιΩ.

2000



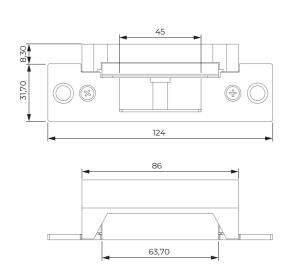
57 SERIES

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







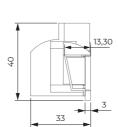






FUNCTIONS

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	UNF-FN-14846:2010

MODELS

57 N 305





	12-24
VOLTAGE RANGE	DC
FUNCTIONING	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





84 SERIES

Symmetrical and reversible series to be combined with widefaceplate American locks and a deeper and longer latch than



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

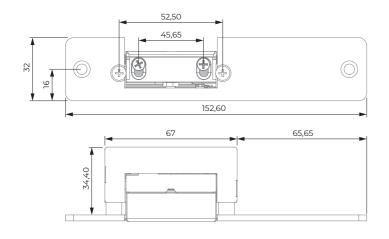


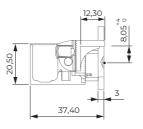




FUNCTIONS

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

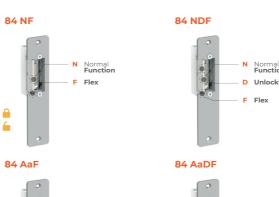




REGULATION

Е	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









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

ELECTRICAL SPECIFICATIONS

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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 t	olerance 5%					
	%ED has been o	calculated in acc	ordance with sta	ndard time of 10	minutes.		

F Flex

54 SCAN SERIES SMALL DIMENSIONS.....PAGE 94-95





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.



91 SERIES

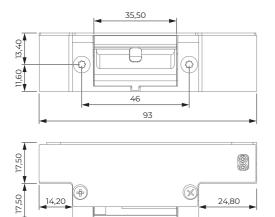
DORCAS

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.

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



RECOMMENDED FACEPLATES







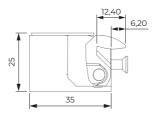






FUNCTIONS

Fle	ex latch ———	No
М	onoblock latch ———	Yes
Sp	ecial jaw ———	No
Ur	nlocking (D)	No
Mi	croswitch (305) ———	Optional
Bio	directional 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

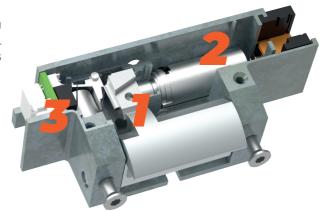
MODELS

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.







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

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

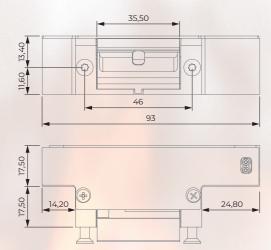
VOLTAGE RANGE	12-24	12-24
VOLIAGE RANGE	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	30	30
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 24 VDC
AC CURRENT CONSUMPTION (mA)	-	-
DC CURRENT CONSUMPTION (mA)	480 (12 V) 320 (24 V)	480 (12 V) 320 (24 V)
MAX. PRELOAD OPEN AC (N)	-	-
MAX. PRELOAD OPEN DC (N)	200 N	200 N
	Maximum coil to	olerance 5%.
	%ED has been co	

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.

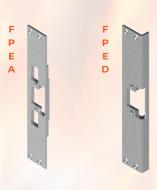
Developed for Scandinavian style doors.

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



RECOMMENDED FACEPLATES









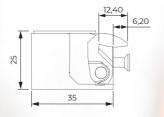






FUNCTIONS

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



REGULATION

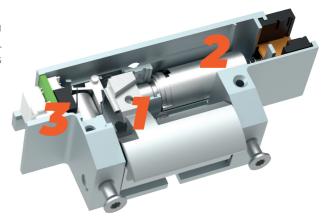
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010





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.



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12-24	12-24	
VOLIAGE RANGE	DC	DC	
FUNCTIONING	FAIL SECURE	FAIL SAFE	
COIL RESISTANCE (Ω)	30	30	
ELECTRICAL DUTY CYCLE (%ED)	100%ED	100%ED 24 VDC	
	12 VDC	24 VDC	
AC CURRENT CONSUMPTION (mA)	- 1	-	
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 to	olerance 5%.	
	%ED has been calculated in		

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

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



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.



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







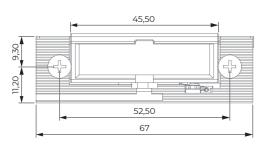


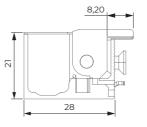




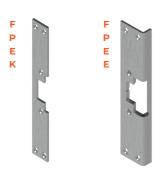
FUNCTIONS

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





RECOMMENDED FACEPLATES



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)
VOLIAGE RANGE	AC	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
	FAIL S	ECURE							
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE
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)	IAX. PRELOAD OPEN DC (N) 30N (12 V)		-	-	-	-	-	-	-
	Maximum o	oil tolerance !	5%.						

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

62 SERIES WATER RESISTANT (IP65)......PAGE 98-99

SW99 SERIES WATER RESISTANT IN SMALL SIZE.......PAGE 134-137



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





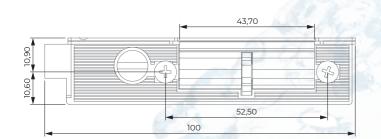
DORCAS WATERPROOF **62 SERIES**

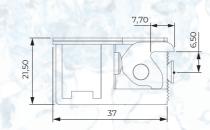
Non-reversible waterproof (IP65) series. Ideal for outdoor installations thanks to its watertight seal and an internal partition to prevent water and dust penetration.

As an option, we have watertight unlocking system.

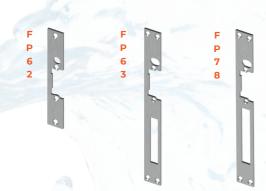
INSTALLATION SPECIFICATIONS

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





RECOMMENDED FACEPLATES



MODELS









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

FUNCTIONS

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

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	UNF-FN-14846:2010



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

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAF
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%EE 24 VDC
AC CURRENT CONSUMPTION (mA)	565 (6 V) 1150 (12 V)	350 (8 V) 510 (12 V)	340	8	-	-	-
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)	1	At 1		360		-
MAX. PRELOAD OPEN DC (N)	DX 1	1.		100	· ·		-
	Maximum coil t	colerance 5%.	and the		2		
	%ED has been o	calculated in acco	ordance with star	ndard time of 10	minutes.		



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





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.

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









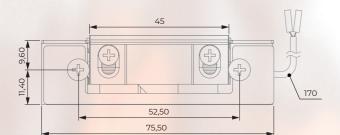


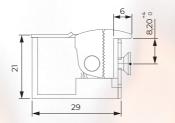




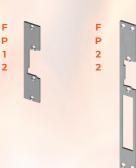
FUNCTIONS

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





RECOMMENDED FACEPLATES



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









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.



VOLTACE DANICE	6-12	8-12	24	12(412)	24(424)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONING	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)	111-11	-	-	-	-
CE MARKING FOR RF DOORS	Yes	Yes	Yes	Yes	Yes
	Maximum coil t	olerance 5%.			
	%ED has been	calculated in acco	ordance with star	ndard time of 10	minutes.



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.



77 SERIES

Special series for evacuation routes. Its system allows unlocking with loads of up to 450 kg. Compliance with standard UNE-EN 13637, EltVTR and NFS 61937.

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



We recommend installing the 77 series strike with latch PI1

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



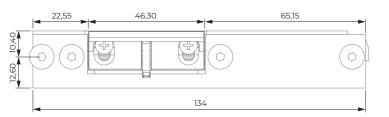


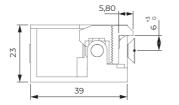




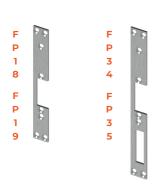
FUNCTIONS

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





RECOMMENDED FACEPLATES



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).



VOLTAGE RANGE	12(512)	24(524)	48(548)	
VOLIAGE RANGE	DC	DC	DC	
FUNCTIONING	FAIL SAFE	FAIL SAFE FAIL SAFE		
COIL RESISTANCE (Ω)	34	150	685	
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC			
AC CURRENT CONSUMPTION (mA)	-			
DC CURRENT CONSUMPTION (mA)	360	360 160		
MAX. PRELOAD OPEN AC (N)	-	-	-	
MAX. PRELOAD OPEN DC (N)	4000	4000 4000		
	Maximum coil tolerance 5%.			
	%ED has been calculated in accordance with			



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).

INSTALLATION SPECIFICATIONS

Type of installation

Reversible — No

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







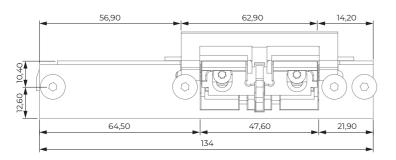




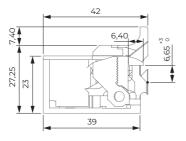


FUNCTIONS

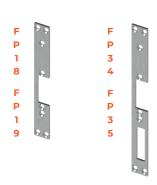
Flex latch ———	Yes
Monoblock latch ———	No
Special jaw ————	No
Unlocking (D)	No
Microswitch (305) ———	Optional
Bidirectional diode —	Yes



----- Flush-mounted



RECOMMENDED FACEPLATES



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

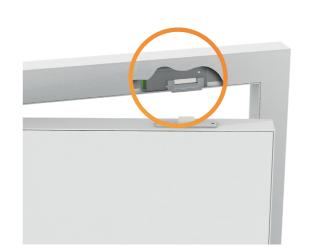


NOTE: For this series of electric strike, hand selection must be made in accordance with regulation DIN 107(Page 13).



TOP SYSTEM FOR A TOP STRIKE **NEW**

TOP INSTALLATION



LATERAL INSTALLATION



VOLTAGE RANGE	12(512)	24(524)	48(548)		
VOLIAGE RANGE	DC	DC	DC		
FUNCTIONING	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%.				

EVACUATION ROUTES

81 SERIES

Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with ${\bf European\,panic\,bars}$. It is supplied with $8\,x1\,mm$ supplements.

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







FUNCTIONS

Flex latch — No Monoblock latch ——— Yes (Panic) Special jaw --- No Unlocking (D) — No Microswitch (305) — Optional

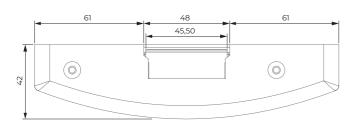
Bidirectional diode — Optional

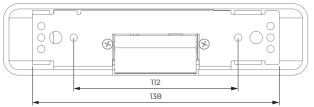


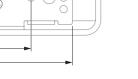


INSTALLATION SPECIFICATIONS

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







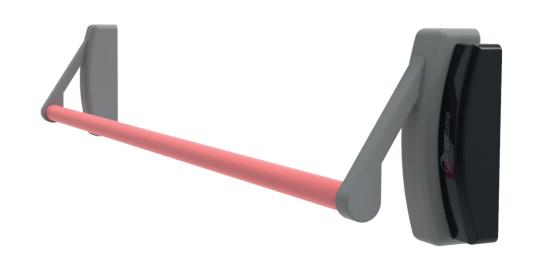
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SUPPLEMENTS

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

MODELS





SPECIAL JAWS



ELECTRICAL SPECIFICATIONS



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

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	LINE-EN-14846:2010

	0-12	0-12	24	12(412)	24(424)	12(312)	24(324)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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.

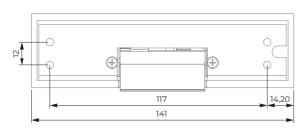
Surface-mounted, reversible series with concealed fixture. Designed with a special concave latch to be used in combination with **European panic bars**. It is supplied with 8 x 1 mm supplements.

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.





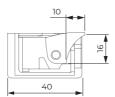






FUNCTIONS

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

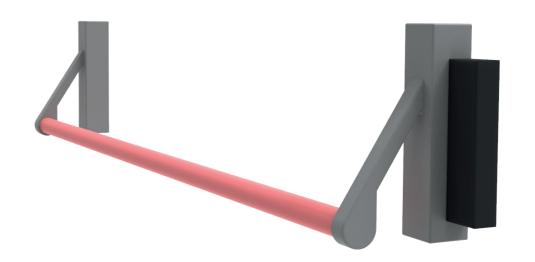


REGULATION

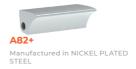
Electromagnetic compatibility	Directive 2014/30/EU
RAEE	RII AEE 8015
Low voltage directive	Directive 2014/35/EU
Dangerous substances	Directive 2014/65/EU
Building hardware	UNE-EN-14846:2010

MODELS





SPECIAL JAWS





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

ELECTRICAL SPECIFICATIONS

VOLTAGE DANGE	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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 t	olerance 5%					

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



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

Models commonly used with Italian security 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.



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





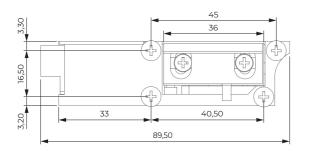


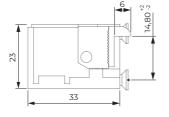




FUNCTIONS

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





RECOMMENDED FACEPLATES





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

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



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



SPECIAL JAWS







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

	6-12	8-12	24	12(412)	24(424)	12(512)	24(524)
VOLTAGE RANGE	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	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.						

78 SERIES FOR VERY HEAVY, HIGH-SECURITY DOORS......PAGE 120-121

78C SERIES INSERTION FOR GLASS DOOR, FAIL SAFE......PAGE 122-123



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



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





We recommend installing the 78 series strike with latch PI1

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



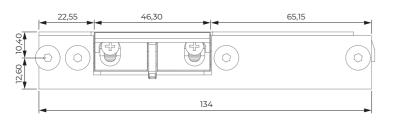


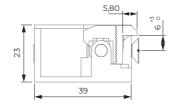




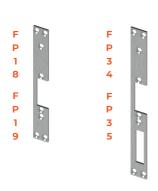
FUNCTIONS

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





RECOMMENDED FACEPLATES



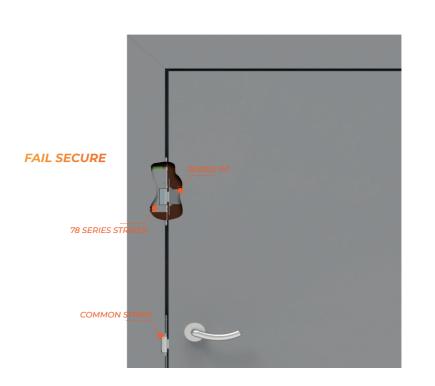
REGULATION

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



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



VOLTAGE RANGE	6-12	8-12	12	24	12(512)	24(524)
VOLIAGE RANGE	AC-DC	AC-DC	AC-DC	AC-DC	DC	DC
FUNCTIONING	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 o	calculated in acco	%ED has been calculated in accordance with standard time of 10 minutes.			

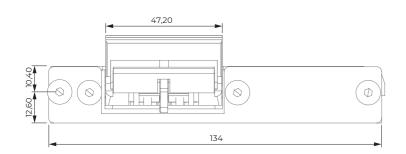


Derived from series 77, it is a specific variant for glass doors. Its articulated latch allows the **insertion of the glass leaf**.



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

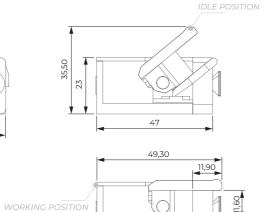




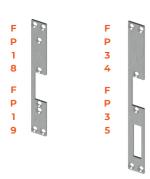


FUNCTIONS

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



RECOMMENDED FACEPLATES



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



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



ELECTRICAL SPECIFICATIONS

VOLTAGE RANGE	12(512)	24(524)	48(548)	
VOLIAGE RANGE	DC	DC	DC	
FUNCTIONING	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%.			
	%FD has been calculated in accordance with			

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

DORCAS
TOTALLY POLYVALENT

Available for a wide range of versions and functionalities for each

They cover any need, from waterproof to fire rated.

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





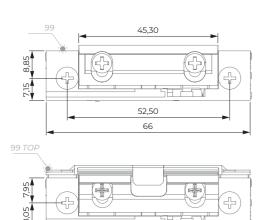
TOTALLY POLYVALENT

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.

INSTALLATION SPECIFICATIONS

Type of installation —— --- Flush-mounted Reversible — Yes 66 mm / 74 mm (305) 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



RECOMMENDED FACEPLATES











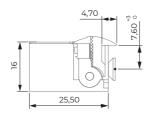


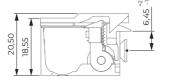




FUNCTIONS

Flex latch ————	Yes
Monoblock latch ———	No
Special jaw ————	Optional
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

99 NF

99 AF



99 ADF



99 NDF

99 NF TOP

99 NF TOP 2



99 NDF TOP DOUBLE



99 NDF TOP 305



99 AF TOP



99 NF 305



99 AbF



99 NDF TOP





99 ADF TOP



99 NDF 305



99 AbDF



99 NF TOP DOUBLE



99 NF TOP 305



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

Version in STEEL Version in MIM





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.





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



Manufactured in ZAMAK



Manufactured in ZAMAK



Manufactured in ZAMAK



A99 SCAN Manufactured in MIM



SECURE and in FAIL SAFE operation

							NEW	MULTIVOL	TAGE
	10-	24	6-12	8-12	24	24(424)	10-28	12(512)	24(524)
VOLTAGE RANGE	AC-	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL SI	ECURE	FAIL CECLIDE	FAIL CECLIDE	FAIL SECURE	FAIL CECLIDE			5411 CAFE
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
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 360N		-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N 220N		-	-	-	-	-	-	-
	Maximum c	oil tolerance	5%.						
%ED has been calculated in accordance with standard time of 10 minutes.									



demanding use.



SL99 NF



MODELS





SL99 NF 305

RESISTANCE UP TO 400KG!



SL99 NDF 305

SL99 NF TOP



SL99 NDF TOP



SL99 NF TOP 305

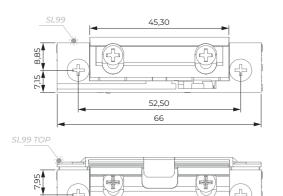


INSTALLATION SPECIFICATIONS

SL99 SERIES

All the advantages of the 99 series with extra strength. The maximum breaking strength up to 400 kg. This SL99 version is ideal for installations where the lock release may require more

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 —————	3,850 N
Operating temperature ————	-25 / +50 °C







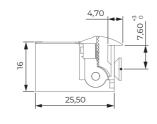


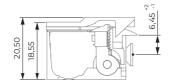




FUNCTIONS

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





SPECIAL JAWS



SL99 NDF TOP 305





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

REGULATION

F P 1 2	7. 2. 7. 2.	F P 7 4	h 2 h 4	F P 4 2	
					9 9

RECOMMENDED FACEPLATES

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 SP	ECIFI	CATIC	ONS				NEW	MULTIVOL	TAGE
	10-	-24	6-12	8-12	24	24(424)	10-28	12(512)	24(524)
VOLTAGE RANGE	AC	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
	FAIL S	ECURE						FAIL SAFE	
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE		FAIL SAFE
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)		(12 V) (24 V)	-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)		(12 V) (24 V)	-	-	-	-	-	-	-
	Maximum o	coil tolerance	5%.						
	%ED has be	en calculated	l in accordance w	vith standard time	e of 10 minutes.				

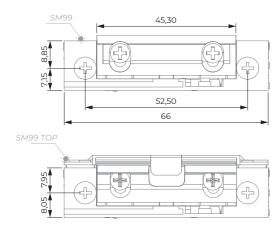
SM99 SERIES

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 where the opener needs extra strength.

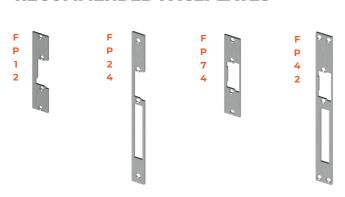


INSTALLATION SPECIFICATIONS

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



RECOMMENDED FACEPLATES





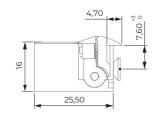


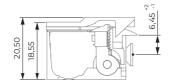




FUNCTIONS

lex latch ———	Yes
Monoblock latch ———	No
Special jaw ————	Optional
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

SM99 NF



SM99 TOP



SM99 NDF

SM99 NF TOP



SM99 NF 305

SM99 NDF 305



SM99 NDF TOP



F Flex -305 Monitoring

SM99 NF TOP 305

SM99 NDF TOP 305



SPECIAL JAWS



Manufactured in MIM





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

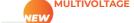
MULTIVOLTAGE

							NEW	7	
	10	-24	6-12	8-12	24	24(424)	10-28	12(512)	24(524)
VOLTAGE RANGE	AC	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL S	ECURE	FAIL CECLIDE	FAIL CECLIDE	FAIL CECLIDE	FAIL CECUPE	5411 CA55		5411 CAFE
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
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)		(12 V) (24 V)	-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)		(12 V) (24 V)	-	-	-	-	-	-	-
	Maximum o	coil tolerance	5%.						
	%ED has he	en calculated	l in accordance w	ith standard time	of 10 minutes				

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

MULTIVOLTAGE









SS99 SERIES

66 mm / 74 mm (305)

45,30

_____ 16 mm / 20.50 mm (TOP)

Series 99 version with maximum breakage resistance. Its manufacture in steel and reinforced materials enables it to reach up to 800 kg of maximum breakage resistance, making it the ideal choice for high-demanding installations or those requiring maximum resistance.

INSTALLATION SPECIFICATIONS

Type of installation

Reversible — Yes

Depth ______ 25.50 mm Latch insertion depth ———— 4.70 mm

Electrically tested cycles — 200,000 Break-in resistance — 7,825 N Operating temperature -25 / +50 °C

Flex latch adjustment (F) +3 -0 mm / +2 -1 mm (TOP)







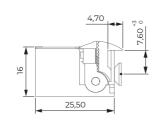


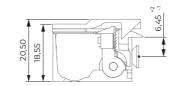




FUNCTIONS

lex latch ———	Yes
1onoblock latch ———	No
pecial jaw ————	Optional
Inlocking (D)	No
1icroswitch (305)	Optional
Bidirectional diode ——	Optional

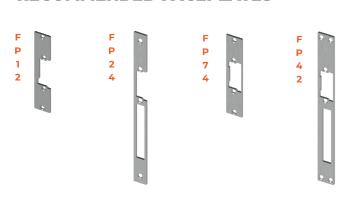




REGULATION

RECOMMENDED FACEPLATES

SS99 TOP



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

SS99 NF 305









SS99 NF TOP

SS99 NF TOP 305



SPECIAL JAWS



Manufactured in MIM





A99 SCAN

VOLTAGE RANGE	AC-	-DC	AC-DC	AC-DC	AC-DC	DC	DC	DC	DC
FUNCTIONING	FAIL S	FAIL SECURE					EAU CAEE	EAU CAEE	FAIL SAFE
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SAFE	FAIL SAFE	FAIL SAFE
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 360N	(12 V) (24 V)	-	-	-	-	-	-	-
MAX. PRELOAD OPEN DC (N)	55N 220N		-	-	-	-	-	-	-
	Maximum o	Maximum coil tolerance 5%.							
	%ED has be	%ED has been calculated in accordance with standard time of 10 minutes.							

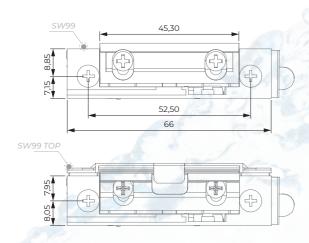
Water resistant version (IP68). Thanks to its exclusive design, this strike version is ideal for exterior installations affected by the action of water.

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

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



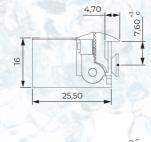
RECOMMENDED FACEPLATES

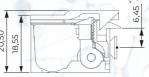




FUNCTIONS

Yes
No
Optional
Optional
Optional
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

SW99 NF



SW99 NDF

SW99 ADF

SW99 NF TOP



F Flex

SW99 NF TOP 305

SW99 AF TOP



SW99 NF TOP DOUBLE

SW99 TOP -

SW99 NDF TOP DOUBLE 305



SW99 AbDF TOP DOUBLE



SW99 NF 305



SW99 AbF



SW99 NF TOP DOUBLE

SW99 NDF 305



SW99 NDF TOP 305





SW99 ADF TOP



SW99 NF TOP DOUBLE 305



SW99 AbF TOP DOUBLE





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

INSTALLATION AT 90°



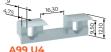
INSTALLATION AT 180°



SPECIAL JAWS



Manufactured in ZAMAK



Manufactured in ZAMAK



Manufactured in ZAMAK







SECURE and in FAIL SAFE operation

	10-	-24	
VOLTAGE RANGE	AC	-DC	
FUNCTIONING	FAIL S	ECURE	
FUNCTIONING	N	A - AB	
COIL RESISTANCE (Ω)	43	38	
ELECTRICAL DUTY CYCLE (%ED)	100%ED 12 VDC	100%ED 12 VDC	
AC CURRENT CONSUMPTION (mA)	175 (10 V) 200 (12 V) 400 (24 V)	250 (12 V)	
DC CURRENT CONSUMPTION (mA)	240 (10 V) 280 (12 V) 570 (24 V)	270 (10 V) 320 (12 V) 650 (24 V)	
MAX. PRELOAD OPEN AC (N)		(12 V) (24 V)	
MAX. PRELOAD OPEN DC (N)		(12 V) (24 V)	
	Maximum o		
	%ED has be		





66 mm / 74 mm (305)

_____ 25.50 mm

7,845 N

_____ 16 mm / 20.50 mm (TOP)

52,50

66

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'

INSTALLATION SPECIFICATIONS

Type of installation

Break-in resistance ———

Reversible — Yes

Latch insertion depth — 4.70 mm

Electrically tested cycles _____ 200,000

Operating temperature ———— -25/+50 °C

Flex latch adjustment (F) +3 -0 mm / +2 -1 mm (TOP)













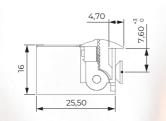


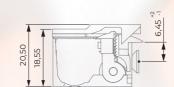




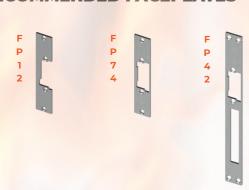
FUNCTIONS

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





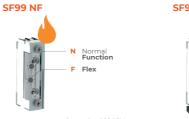
RECOMMENDED FACEPLATES



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











CERTIFICATION The SF99 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



Manufactured in MIM





VOLTAGE RANGE	10-	-24	6-12	8-12	24	24(424)			
VOLIAGE RANGE	AC	AC-DC		AC-DC	AC-DC	DC			
FUNCTIONING	FAIL SECURE		FAIL CECUPE						
FUNCTIONING	N	A - AB	FAIL SECURE	FAIL SECURE	FAIL SECURE	FAIL SECURE			
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 360N	(12 V) (24 V)	-	-		-			
MAX. PRELOAD OPEN DC (N)	55N 220N	(12 V) (24 V)	-	-	-	-			
	Maximum o	oil tolerance	5%.						
	%ED has be	ED has been calculated in accordance with standard time of 10 minutes.							

















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.





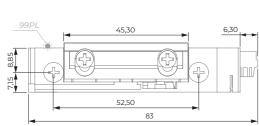


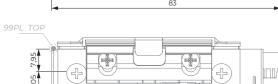
PATENTED

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







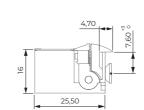




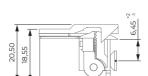


FUNCTIONS

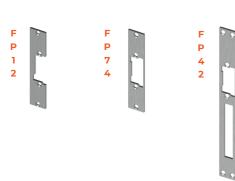
Flex latch ———	Yes
Monoblock latch ———	No
Special jaw ————	No
Unlocking (D)	Optional
Microswitch (305)	Optional



Bidirectional diode — Yes



RECOMMENDED FACEPLATES



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

99PL NF





99PL NDF







99PL NDF TOP







99PL NDF 305

PRELOAD UP TO 40KG IN FAIL SECURE 1



99PL NF TOP 305

99PL NF TOP



99PL NDF TOP 305







99PL AbDF TOP DOUBLE



ELECTRICAL SPECIFICATIONS

NITACE DANICE	12-24	24
VOLTAGE RANGE	DC	DC
FUNCTIONING	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 t	olerance 5%.

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



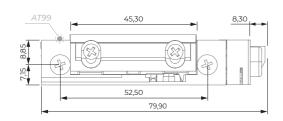
Special automatic timed version that heightens the installation's security. Depending on the duration of the power supply, the strike activates the automatic function for a certain period of time, after which it locks the system again to prevent unwanted openings or break-ins.

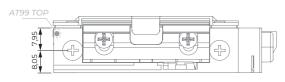
144



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







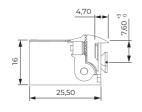


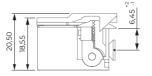




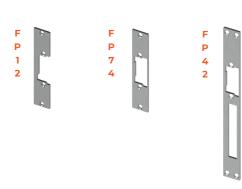
FUNCTIONS

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





RECOMMENDED FACEPLATES



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 TOP

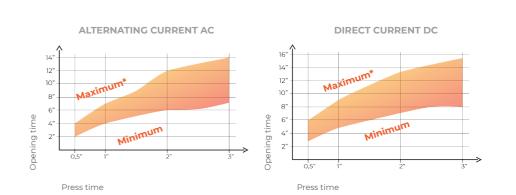


AT99 AtF TOP

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.



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

VOLTACE DANICE	10-12
VOLTAGE RANGE	AC-DC
FUNCTIONING	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







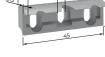








JAW Ab CS 99-SW99



JAW N 305 MIM

Manufactured in MIM SL99-SM99-SS99-SF99

Ref: E-13277-----





JAW N TOP MIM

Manufactured in MIM SL99-SM99-SS99-SF99

Manufactured in MIM SL99-SM99-SS99-SF99

Ref: E-13257-----

JAW N TOP 2 MIM

Ref: E-13278/TOP2----

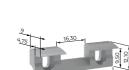
Manufactured in MIM SL99-SM99-SS99-SF99

STANDARD DELAY ACTION

DELAY ACTION

JAW N MIM

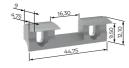
Ref: E-13277-----



JAW N 305 TOP MIM

Ref: E-13278-----

Manufactured in MIM SL99-SM99-SS99-SF99





JAW N TOP DOUBLE MIM

Manufactured in MIM SL99-SM99-SS99-SF99

Ref: E-13278/TOPD----

Ref: E-13287-----

JAW A TOP

Ref: E-13259-----

Manufactured in ZAMAK



Manufactured in MIM SL99-SM99-SS99-SF99



JAW A

Manufactured in ZAMAK

Ref: E-13233-----

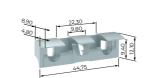


JAW Ab

Manufactured in ZAMAK

99-SW99

Ref: E-13245-----



JAW Ab TOP DOUBLE

Manufactured in ZAMAK 99-SW99-99PL

Ref: E-13245/TOPD----



JAWS FOR 99 SERIES

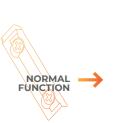


DORCAS offers a wide range of jaws compatible with certain models in the 99 series, the most

 $polyvalent\ series.\ Different\ changes,\ both\ in\ the\ design\ and\ the\ material,\ give\ them\ a\ more\ specific\ use$ and specifically adapted properties. They offer a variety of adjustments, depths and different materials.

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





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

Manufactured in ZAMAK 99-SW99-99PL AT99

Ref: E-13234-----

JAW N TOP

Ref: E-13242-----

Ref: E-13242/TOPD----

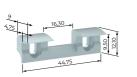




JAW N 305 TOP

Manufactured in ZAMAK 99-SW99-99PL

Ref: E-13255-----



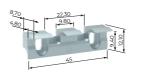
Manufactured in ZAMAK 99-SW99-99PL

Ref: E-13257-----

Ref: E-13257/U4-----

Manufactured in ZAMAK 99-SW99-99PL





Ref: E-13251/TOP2---

JAW N TOP 2



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.



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.

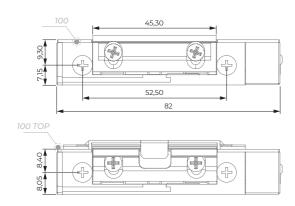




PATENTED

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





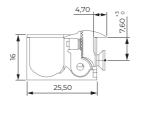


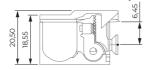




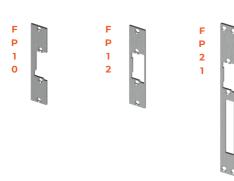
FUNCTIONS

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





RECOMMENDED FACEPLATES



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

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.





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



ELECTRICAL SPECIFICATIONS

VOLTACE DANICE	12(412)	12(512)
VOLTAGE RANGE	DC	DC
FUNCTIONING	FAIL SECURE	FAIL SAFE
COIL RESISTANCE (Ω)	57	57
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. class of 120'

DORCAS HI-TECH

82 mm / 91 mm (305)

____ 26 mm

_____ 16.50 mm / 20.50 mm (TOP)

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

INSTALLATION SPECIFICATIONS

Type of installation

Reversible — Yes

Latch insertion depth ———— 4.70 mm

Electrically tested cycles — 300,000 Break-in resistance — 3,300 N

Operating temperature ———— -25/+50 °C

Flex latch adjustment (F) +3 -0 mm / +2 -1 mm (TOP)

For the models indicated DORCAS has availability both in **FAIL**

PATENTED

PATENTED











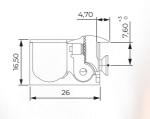


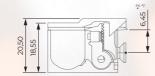




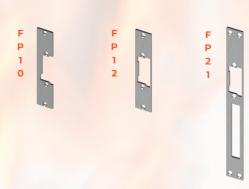
FUNCTIONS

Flex latch ———	Yes
Monoblock latch ———	No
Special jaw ————	No
Unlocking (D)	No
Microswitch (305)	Optiona
Bidirectional diode —	Vec





RECOMMENDED FACEPLATES



REGULATION

Directive 2014/30/EU
RII AEE 8015
Directive 2014/35/EU
Directive 2014/65/EU
UNE-EN-14846:2010

MODELS

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.





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

SECURE and in FAIL SAFE operation.



ELECTRICAL SPECIFICATIONS

	12(412)	12(512)
VOLTAGE RANGE	DC	DC
FUNCTIONING	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

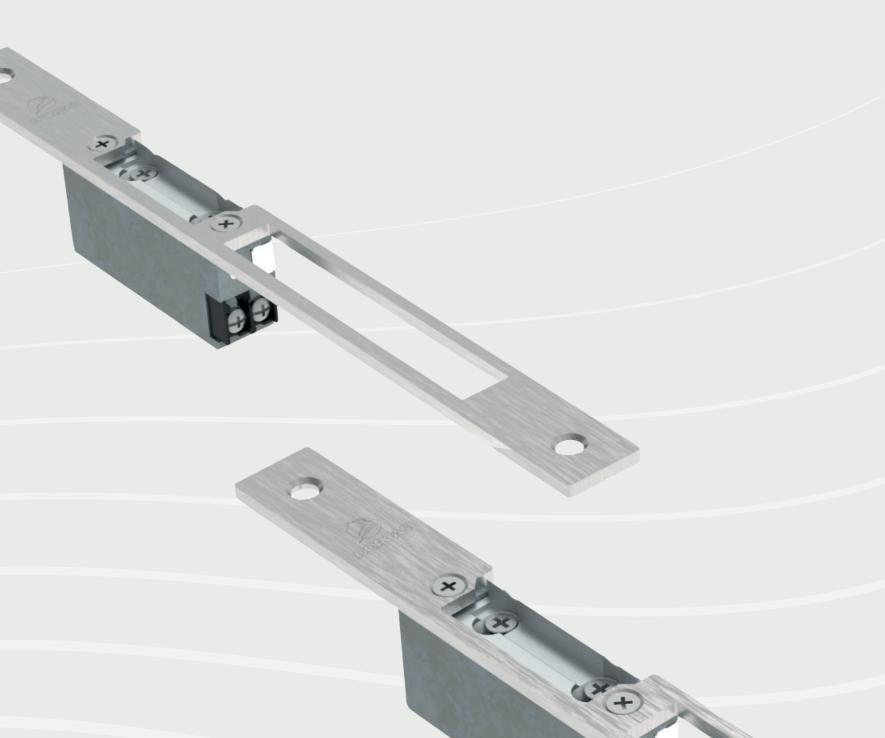
%ED has been calculated in

DORCAS 50 years

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





FINISHES

ALUMINIUM

NATURAL A

STAINLESS STEEL (304)

PLATED X

METAL C

WHITE B

METAL Z

NATURAL L

NATURAL T

NICKEL-PLATED

SILVER-PLATED J

ZINC-PLATED

BRASS

RAW

CHROME-PLATED

PAINT

important for the customer. For the frames we have several standard finishes:

GOLD E

GLAZED D

GREY G

DORCAS offers a wide range of faceplates for combination with electric strikes. We make each product attractive because we know this is

BLACK N

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.

D

K

WE AIM TO COVER ANY CUSTOMER NEED







C



Е



F



S











G

STANDARD -



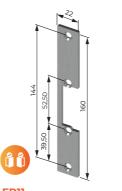




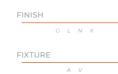


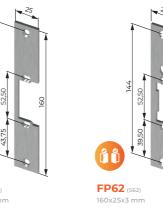


	FINISH					
_		G	N	X	Z	
_	FIXTURE					
			А			



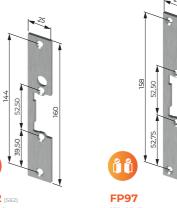










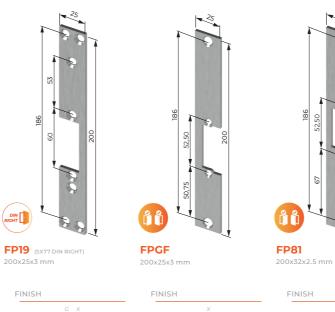






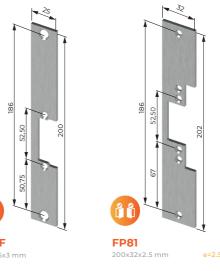


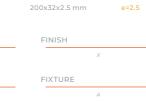




FIXTURE

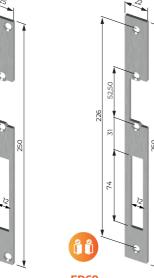




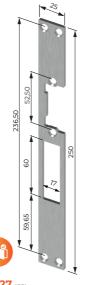




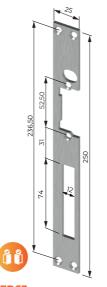
250x25x3 mm



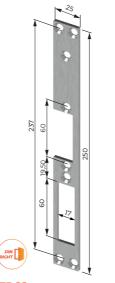
FP69 _(G22) 250x22x3 mm



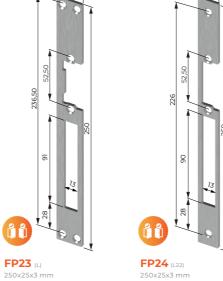
FP27 (GE) 250x25x3 mm

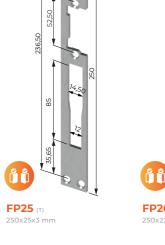


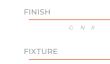
FP63 (G62) 250x25x3 mm



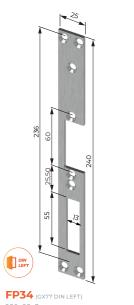
FPC2 (MX77 DIN RIGHT)



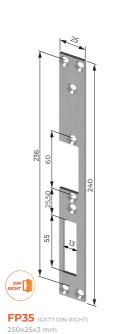






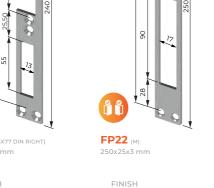




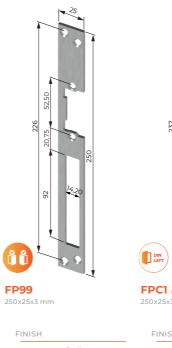




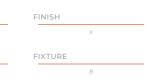


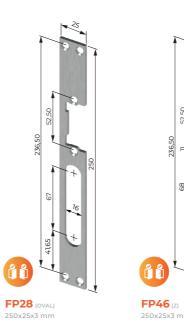




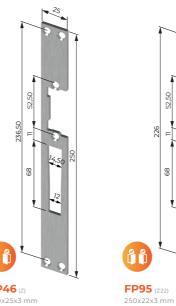




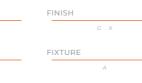


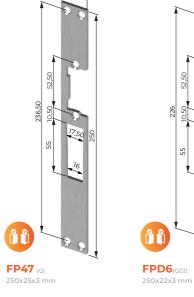




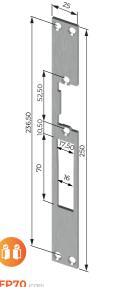




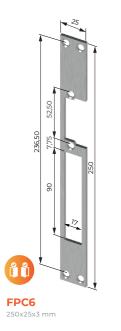




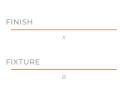


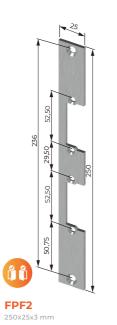


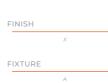


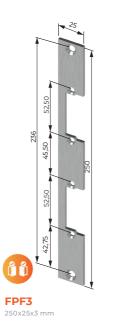


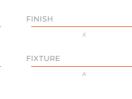


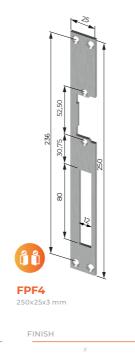




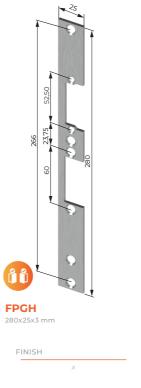




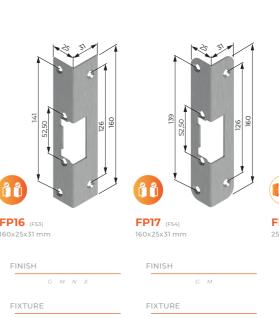




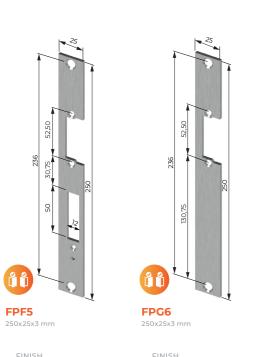


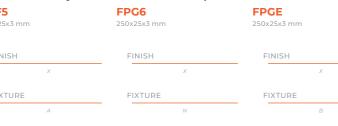


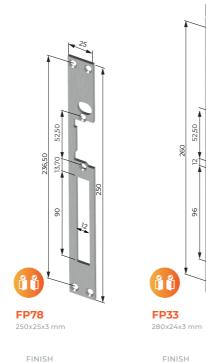


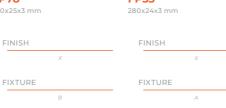








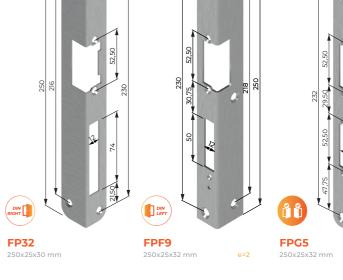










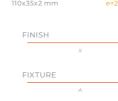




FPGC 250x25x32 mm

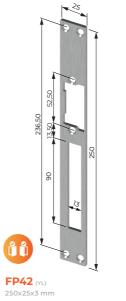










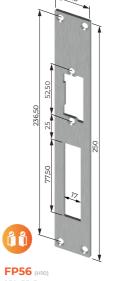






FP55 (H9) 250x25x3 mm

FINISH

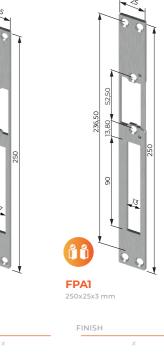




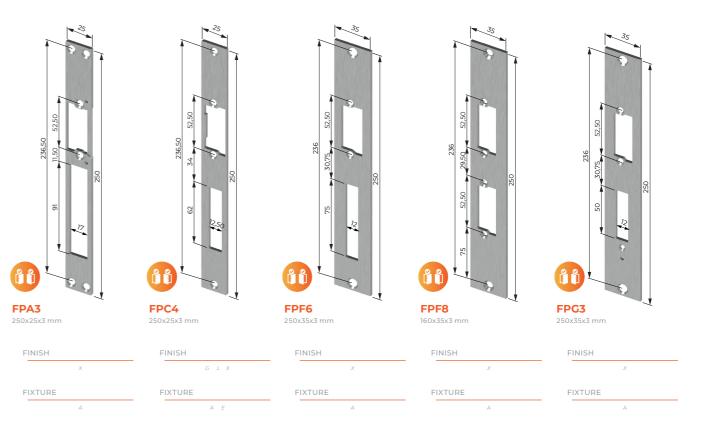


FP58 _(YM) 250x25x3 mm

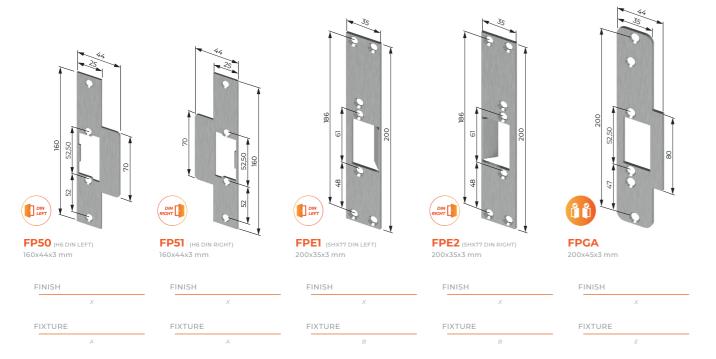
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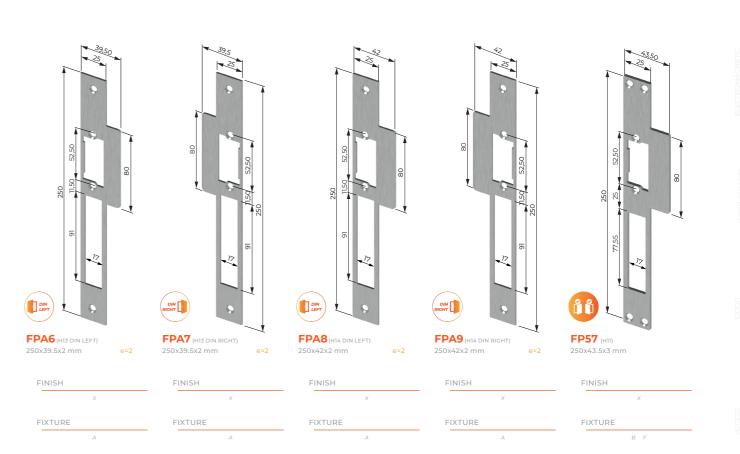


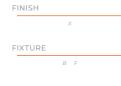


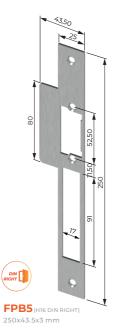




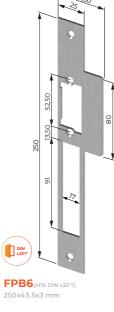




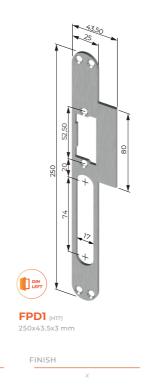




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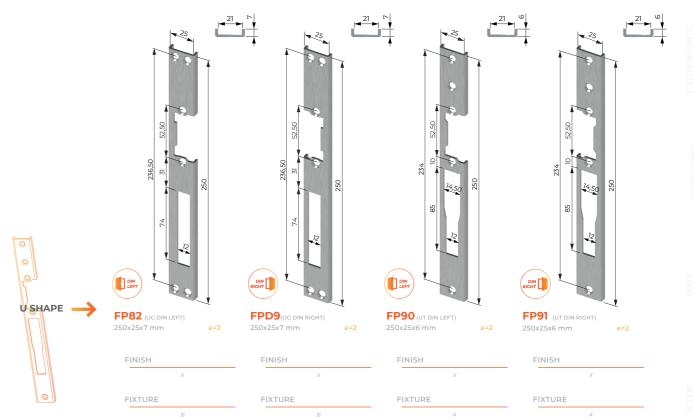












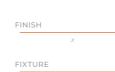
FP64 (GU DIN LEFT)







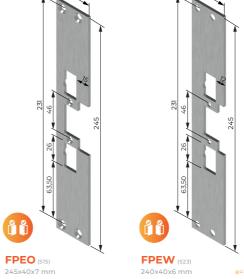












FPET (S20) 180x46x10 mm







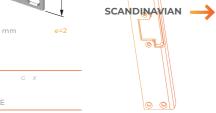
FPEL (S21) 245x40x6 mm

FINISH

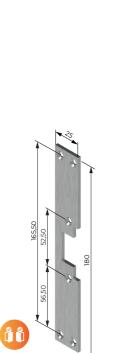
	FINIS
	FIXT



FP96



FP77 (GU DIN RIGHT)



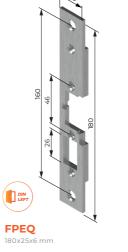
FPEK (S11) 180x25x3 mm

FINISH

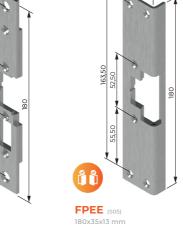
FIXTURE

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

TALIAN -



FIXTURE



FP93

248x35.5x2 mm





FPEF (S06) 180x35x13 mm

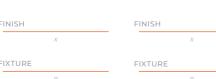
FPEU (S21) 200x40x6 mm

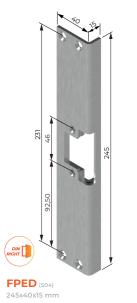
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FPEM 245x40x6 mm

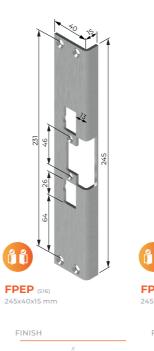
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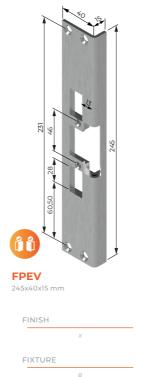


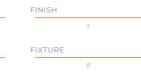


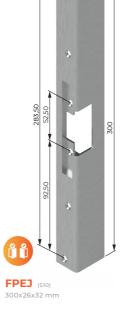




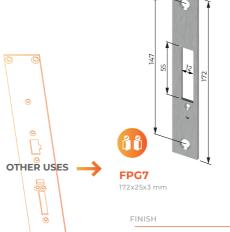


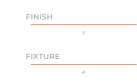


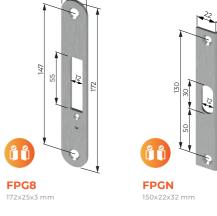


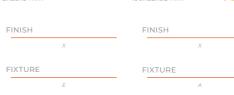


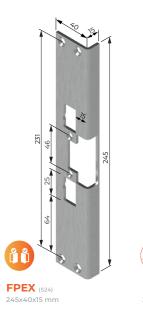




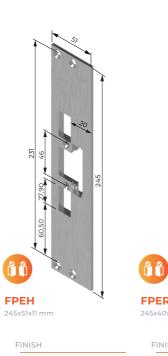






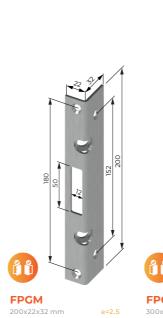




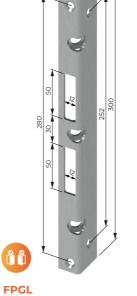






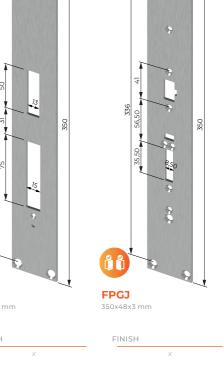


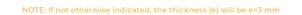












DORCAS 50 years

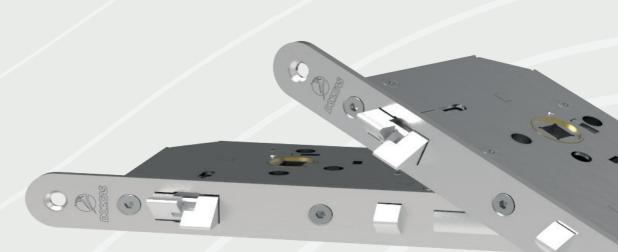
ELECTROMECHANICAL LOCKS

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

MOTORISED

closed, without the need for a key.

ELECTRIC DROP BOLT

This type of electromechanical lock has automatic closing and

opening. The door can be opened with an electrical impulse.

SELF-LOCKING

be able to withdraw the bolt.

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

Electric drop bolt are high-security electromechanical locks. This is due to their solid construction, they incorporate a cylindrical bolt of

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

great hardness and so they offer high-resistance against attempted vandalism, robberies, etc.

and incorporates the magnet that causes the bolt to be extracted or inserted (either fail safe or fail secure).

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

SURFACE-MOUNTED LOCKS

of your doors quickly and efficiently.

avoiding manipulation from the outside.

remember the DIN 107 regulation.

Standing on the side from

which we are pulling the

door, if the hinges are seen

on the left, it will be a din

You need to order a DIN

LEFT or right-hand strike.

left door.

MAXIMUM SECURITY MADE VISIBLE

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

This type of lock adapts to any type of door and is installed on the inside, thus

When choosing the hand for an electromechanical lock, it is important to

REGULATION DIN 107

Standing on the side from

which we are pulling the

door, if the hinges are seen

on the right, it will be a din

You need to order a DIN

RIGHT or left-hand strike.

right door.









DUO 305 DOOR OPEN SIGNALLING.......PAGE 185

DUO M MECHANICAL PART.....PAGE 186

DUO E ELECTRICAL PART......PAGE 187





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













FUNCTIONS

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



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.



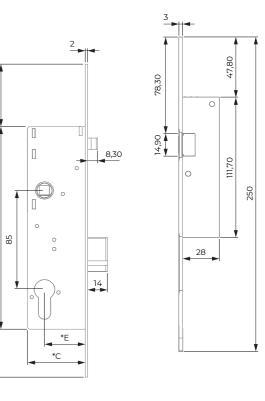
TOTAL COMPATIBILITY

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

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	24
VOLIAGE RANGE	AC-DC	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)	-	-



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

The DUO DAY AND NIGHT 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

INSTALLATION SPECIFICATIONS

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

Consumption on idle — 12 VDC 80 mA

12 VAC 170 mA

with answering device, companies, etc.).

Type of installation Reversible ——

DUO DAY&NIGHT

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.

DN SYSTEM











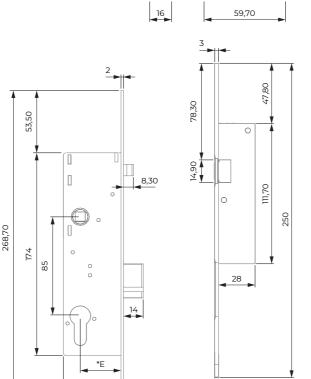






FUNCTIONS

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



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

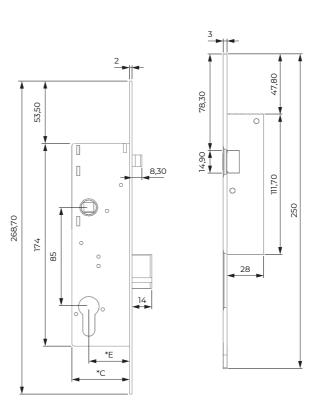
DORCAS AUTOMATIC

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.

















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.

DORCAS AUTOMATIC

DUO E

in the door frame.

sold strikes, making it ideal for refitting.

The DUO E lock is the electrical part of the DUO set and is installed

The dimensions of the electrical part match the most commonly

INSTALLATION SPECIFICATIONS

Type of installation———— Flush-mounted

Reversible — Yes

Electrically tested cycles ——— 200,000

28

NOTE: See models and electrical specifications of page 183

186

DUO M

isn't necessary to wire the leaf.

standards, making it ideal for refitting.

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

The dimensions of the mechanical part meet the most common

INSTALLATION SPECIFICATIONS

Type of installation———— Flush-mounted

FUNCTIONS

Automatic closing — Yes

Anti-thrust Yes

Monitoring — No

NOTE: See models and electrical specifications of page 183

Opening — Manual

Reversible — Yes

Electrically tested cycles — 200,000

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.

Work temperature range -20 / +50 °C

FUNCTIONS

MINIMUM CONSUMPTION

current.

Automatic closing — Yes

Opening — Electrical Anti-thrust ---- No

Monitoring — Optional

















AUTOLOCKING AND AUTOMATIC TRIGGERING.....PAGE 190-193

SC-LOCK CABLE, BATTERY OR INDUCTIVE......PAGE 194-195





189

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.









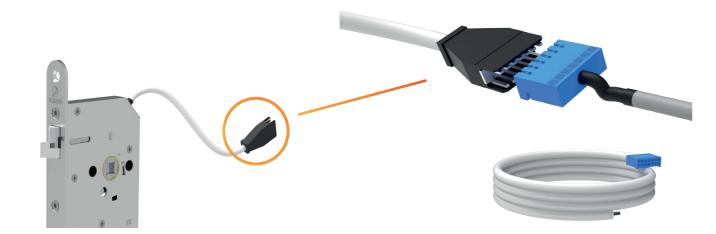


INSTALLATION SPECIFICATIONS

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.

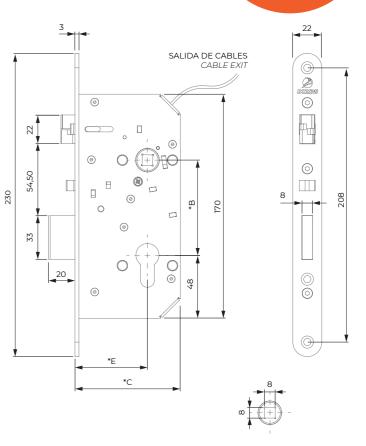
Ref: L-DSL-CC6-----

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

- ** In DSL type 35/92 and 45/92, the handle square will be 7.00 \times 7.00 $\left[mm\right]$



MODELS

DSL 55/72



Ref: L-DSL55/72-----

Ref: L-DSL55/72NP----

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

DSL 65/72



DSL 50/90



Ref: L-DSL50/90-----

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

Ref: L-DSL50/90NP----



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-DSL65/72-----

Ref: L-DSL65/72FSA---

Ref: L-DSL65/72FSANP-

Ref: L-DSL65/72NP----

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



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











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.



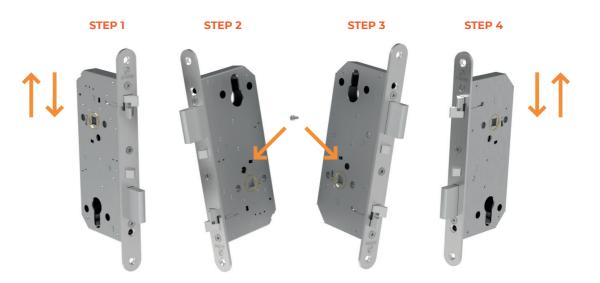
QUADRUPLE MONITORING

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 antithrust device, considerably improving their anti-vandal properties.



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



the key cylinder or electrically.

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

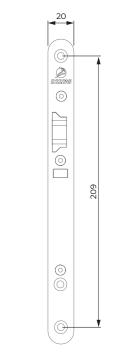
INSTALLATION SPECIFICATIONS

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



(50 / 60 / 65 / 70/ 80)		
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



FUNCTIONS

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



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.

MODELS

CABLE



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



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



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.

transferred to the lock in order to charge the battery while the door is closed.



MZ-LOCK MOTORISED WITH KEY CYLINDER......PAGE 198





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

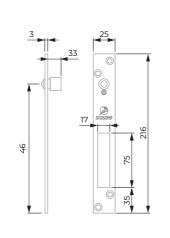
*Position of the leaf.



Electronic control unit for controlling	ng 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



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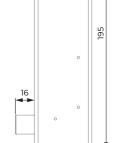


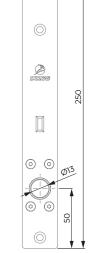






of installing a long cam key cylinder.





 \bigcirc 0 0





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



TIMING

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

Settable to 0 - 3 - 6 seconds.









installing a long cam key cylinder.

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
Detention force	2600 lb (1200 kg)













INSTALLATION SPECIFICATIONS

DORCAS

Electric drop bolt V8 with reversed operation. Timing of 0 - 3 - 6

seconds, signalling by LED (red/green). Includes the possibility of

Low-consumption, environmentally friendly electric drop bolt.

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

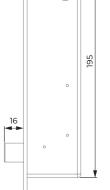
Simple and quick, with access on the electric piston side.

Settable to 0 - 3 - 6 seconds.



The electric piston includes the possibility

KEY CYLINDER







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

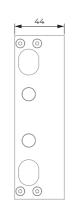
0 0



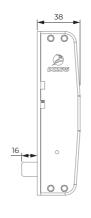
TIMING

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

Settable to 0 - 3 - 6 seconds.















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

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













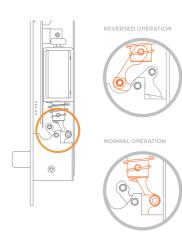
Operation ———	Fail secure / Fail safe
Monitoring*	Yes
LED signalling ———	No
Timing ———	0 - 3 - 6 s

*Position of the bolt.



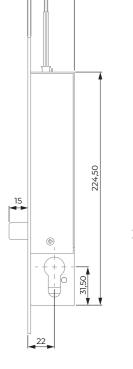
KEY CYLINDER

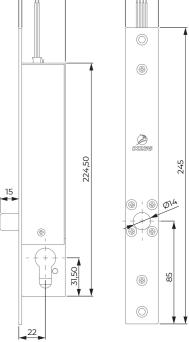
The electric piston includes the possibility of installing a long cam key cylinder.



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

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)



SURFACE-MOUNTED CASING

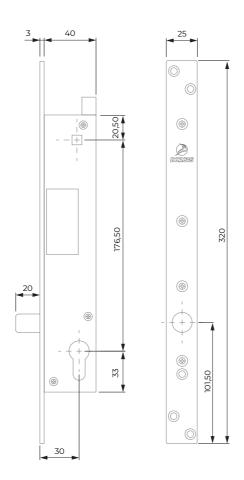
The V140 accessory is a casing that allows the V14 to be surface-mounted for installations in which flush-mounting it is not possible.



FUNCTIONS

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

*Bolt position and leaf position.





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

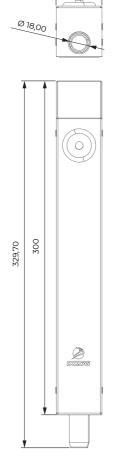
Operation ————	Fail safe
Monitoring*	Yes
LED signalling ———	No
Timing ———	No

*Position of the bolt.



HORIZONTAL INSTALLATION









D96/B WITH OPENING BUTTON......PAGE 210 D96/C WITHOUT OPENING BUTTON......PAGE 211 D94 MOTORISED AND REVERSIBLE PAGE 212





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.











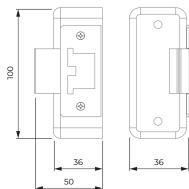
INSTALLATION SPECIFICATIONS

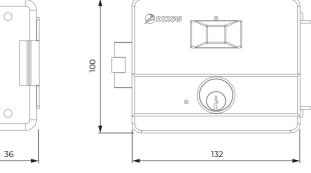
Type of installation —————	Surface-mounted
Reversible ————	Yes
Symmetrical —————	No
Height —	104 mm
Width —	155 mm
Depth —	108.50 mm
Input current —————	12VDC / 12VAC
Consumption of direct current ———	1700 mA
Consumption of alternating current —	815 mA
Tested cycles —————	200,000

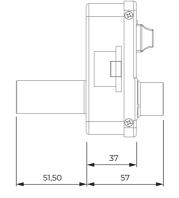
Operating temperature ————— -15 °C / +40 °C

FUNCTIONS

ectric opening	 Yes
ey opening	 Yes
anual opening	 Yes
ed ———	 No
ound ———	 No



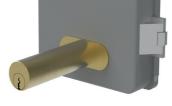






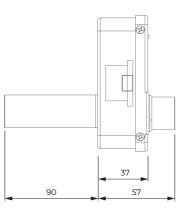
CHANGE OF HAND

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 D96/C

SURFACE-MOUNTED

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.





REVERSIBLE







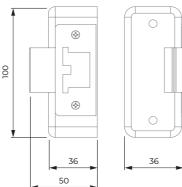


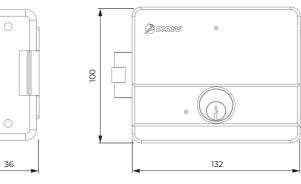
INSTALLATION SPECIFICATIONS

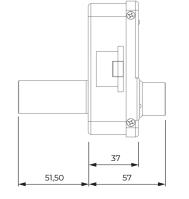
Type of installation	Surface-mounted
Reversible —————	Yes
Symmetrical —	No
Height —	104 mm
Width —	155 mm
Depth —	108.50 mm
Input current ————	12VDC / 12VAC
Consumption of direct current ———	1700 mA
Consumption of alternating current —	815 mA
Tested cycles ————	200,000
Operating temperature ————	-15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

FUNCTIONS

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









We can change the hand of the D96 lock

by simply opening it, rotating the inner

mechanism 180° and changing one of

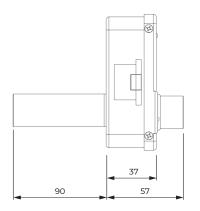
CHANGE OF HAND

the pins on the side.



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.

CYLINDER EXTENDER



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.

MOTORISED



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





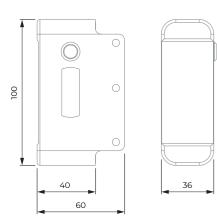


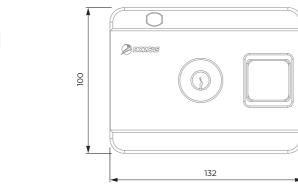


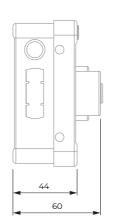


FUNCTIONS

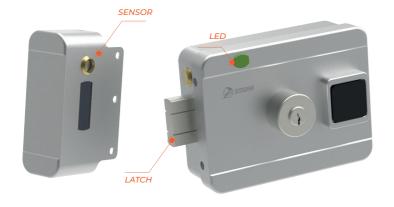
Read range ————	5-15 m
Remote control ———	Up to 500 m
Card ———	Yes (125Khz)
Capacity (cards) ———	2000 cards
ED ———	Yes
Sound —	No







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.



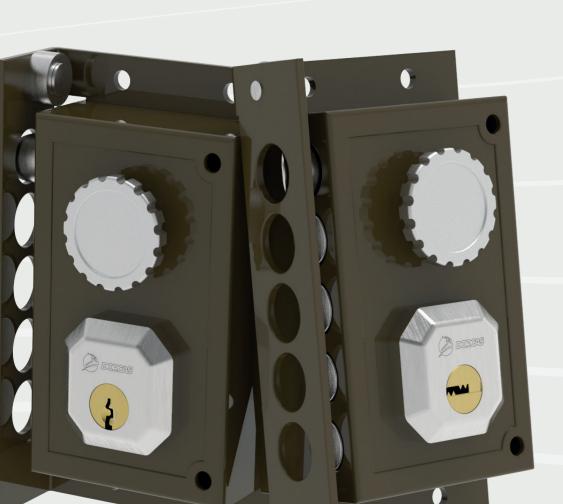


MECHANICAL LOCKS



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.





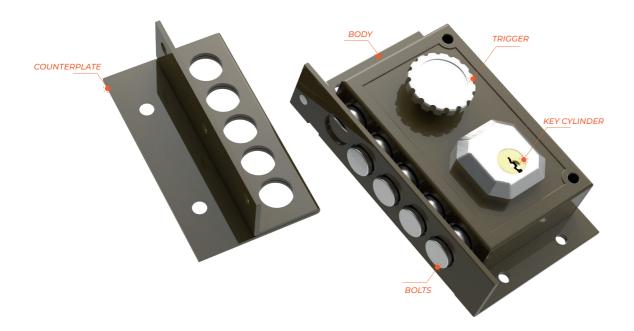


PARTS OF A MECHANICAL LOCK

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



219

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.

Reversible — No

Resistance to breakage 200,000

Work temperature range -10 / +50 °C

INSTALLATION SPECIFICATIONS

Type of installation ————— Surface-mounted

86 mm





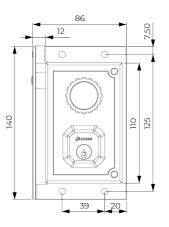


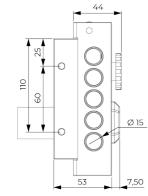


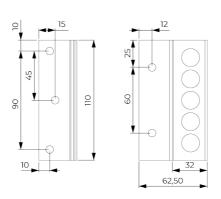


FUNCTIONS

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







MODELS









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





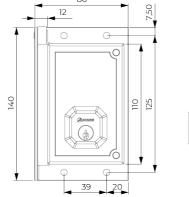


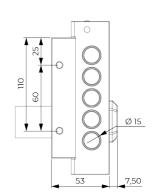




INSTALLATION SPECIFICATIONS

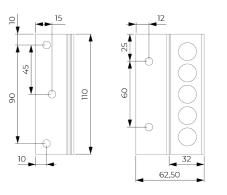
Type of installation —————	Surface-mounted
Reversible —————	No
Symmetrical ————	No
Height —	140 mm
Width —	86 mm
Depth —	44 mm
Resistance to breakage ————	200,000
Work temperature range ————	-10 / +50 °C





FUNCTIONS

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



MODELOS







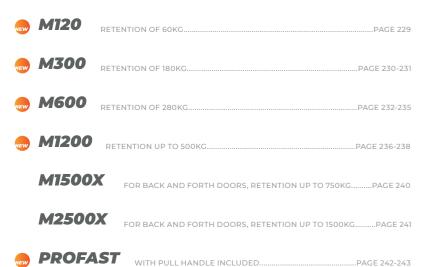


ELECTROMAGNETIC LOCKS

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.









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.



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 al

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.





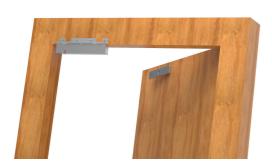
Surface-mounted electromagnetic locks are installed on the door frame and the door leaf, making installation much easier as there is no need to make any cut-out in the door. This type of electromagnetic locks are very durable and very low-maintenance.





MOUNTING OPTIONS

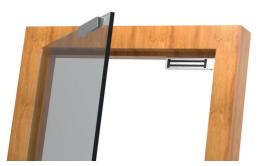
There are occasions when a common installation is not possible, either because of the opening (inwards or outwards) or because of the type of door (wood, glass, etc.). When this happens, it is necessary to use these electromagnetic locks' accessories. These accessories are easy to install and some serve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



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

They can be mounted both on one and two leaves.

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 \$2500 which allows us to do a surface-mounted installation with a surface-mounted electromagnetic lock (M2500X)



Series M300 159x39x26 mm





ZL300

Ref: M-ZL300----



C300 Series M300

Ref: M-C300--

U300

Ref: M-U300--



Series M300



Series M600





ZL600 250x47x30.5 mm 180x101xRegulable mm

Ref: M-ZL600-----



Ref: M-C600---



Ref: M-U600-----

F600

Series M600

Ref: M-F600-----



Series M1200

Series M1200

L1200

Ref: M-L1200--



Z1200

190x110xRegulable mm Series M1200

Ref: M-Z1200-----



ZL1200

266x60x40 mm 190x110xRegulable mm Ref: *M-ZL1200-----*



C1200

6x76.5x38 mm

Ref: M-C1200-----



U1200

185x70x38.5 mm

3.5 mm Series

Ref: M-U1200-----



F1200

200x85x26 mm

Series M1200

Ref: M-F1200-----



Series M2500X

Ref: M-S2500X-----



SERIES

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



Electromagnetic compatibility Directive 2014/30/EU

According to standards EN 60730-1:2016

EN IEC 60730-2-12:2019



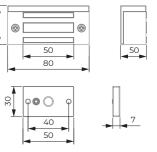
MODELS

M120R

Installation	Surface-mounted
Power supply	12 VDC
Signalling	— No
Monitoring —	— No
Timing —	— No

Ref: M-M120R-----





ELECTROMAGNET LOCKS

DOOR CLOSERS

DOOR

AGO

DESSORIES

300 lb 180 kg

M300 SERIES

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).



INSTALLATION SPECIFICATIONS

Type of installation —————	Surface-mounte
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

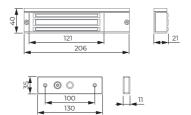


MODELS

M300R

Installation	 Surface-mounted
Power supply	 12/24 VDC
Signalling -	 No
Monitoring -	 No
Timing —	 No





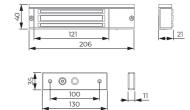
Ref: M-M300R-----

M300R LS

Installation	Surface-mounte
Power supply	12/24 VDC
Signalling ———	Yes
Monitoring —	Yes
Timing ———	No





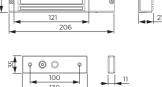


M300R L2S

nstallation	Surface-mounte
Power supply	12/24 VDC
Signalling	Yes
Monitoring ————	Yes (x2)
Timing ————	No

Ref: M-M300RL2S-----



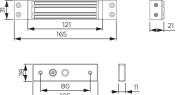


M300M

Installation ————	Flush-mounte
Power supply	12/24 VDC
Signalling	No
Monitoring —	No
Timing ———	No

Ref: M-M300M-----





M300M S

Installation	Flush-mounte
Power supply	12/24 VDC
Signalling ———	No
Monitoring ————	Yes
Timing ————	No

Ref: M-M300MS-----







600 lb 280 kg

M600 SERIES

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).



INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounte
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

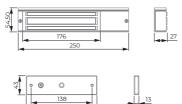


MODELS

M600R

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling —	No
Monitoring —	No
Timing —	No





Ref: M-M600R-----

M600R LS

Installation	- Surface-mounted
Power supply	12/24 VDC
Signalling —	- Yes
Monitoring —	- Yes
Timing —	- No

Installation _____ Surface-mounted

Power supply _____ 12/24 VDC

Monitoring — Yes Timing ——— Yes

Ref: M-M600RLS-----Ref. Black: M-M600RLS------

M600R TLS TIME DELAY





Ref: M-M600RTLS-----

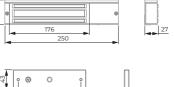
Signalling ——

M600R L2S

Installation	Surface-mounted
Power supply	12/24 VDC
Signalling ———	Yes
Monitoring —	Yes (x2)
Timing —	No

Ref: M-M600RL2S-----

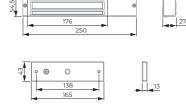








Installation	Surface-mounte
Power supply	12/24 VDC
Signalling ————	Yes
Monitoring —	Yes (x2)
Timing ———	Yes



Ref: M-M600RTL2S-----

M600D RLS



















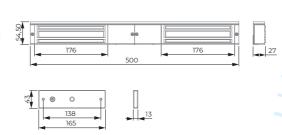




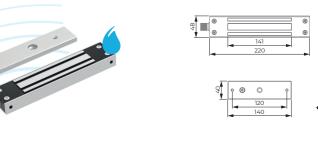


Installation _____ Power supply _____ 12/24 VDC Signalling —— Monitoring —— Timing — No Ref: M-M600DRLS-----

















Ref: M-M600DRTL2S----

M600M S

Signalling

Timing ——

Ref: M-M600M-----

M600M

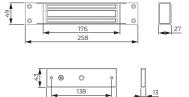


Installation — Flush-mounted

Power supply _____ 12/24 VDC

Monitoring — No





Ref: M-M600MS-----

1200 lb 500 kg

M1200 SERIES

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).



INSTALLATION SPECIFICATIONS

Type of installation	Surface-mounte
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

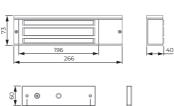


MODELS

M1200R

Installation	Surface-mounte
Power supply	12/24 VDC
Signalling ————	No
Monitoring ————	No
Timing ———	No



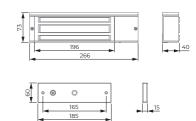


Ref: M-M1200R-----

M1200R LS

Installation ____ ____ Surface-mounted Power supply _____ 12/24 VDC Signalling — Monitoring — Yes Timing ——

Ref: M-M1200RLS-----

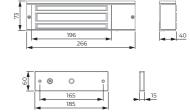


Ref. Black: M-M1200RLS-----



Installation	 Surface-mour
Power supply	 12/24 VDC
Signalling _	Yes
Monitoring —	 Yes
Timing ——	 Yes



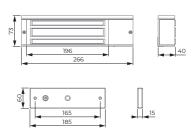


Ref: M-M1200RTLS-----

M1200R L2S

Installation	Surface-mounted	
Power supply	12/24 VDC	
Signalling ————	Yes	
Monitoring ———	Yes (x2)	
Timing ———	No	



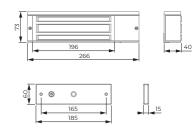


Ref: M-M1200RL2S-----

M1200R TL2S TIME DELAY

Installation	Surface-mounte
Power supply	12/24 VDC
Signalling ————	Yes
Monitoring ————	Yes (x2)
Timing ———	Yes





Ref: M-M1200RTL2S----

M1200D RLS

238







Ref: M-M1200DRLS-----

M1200D RL2S

Installation ___ Surface-mounted Power supply _____ 12/24 VDC Signalling Monitoring — __ Yes





Ref: M-M1200DRL2S----

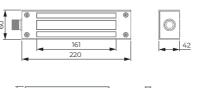


Installation Power supply Signalling Monitoring Timing

Ref: M-M1200WRS--

















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.

INSTALLATION SPECIFICATIONS

Retention force — 1500 lb / 750 kg

———— Aluminium

Voltage ______ 12 / 24 VDC Consumption (12 VDC) — 1200 mA Consumption (24VDC) — 600 mA

Width ______ 31 mm Depth ______ 21 mm









REGULATION





Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019



INSTALLATION SPECIFICATIONS

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.

DORCAS SHEARLOCK

M2500X SERIES

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
And the state of t	



2500 lb 1200 kg











REGULATION

Electromagnetic compatibility	Directive 2014/30/EU
According to standards	EN 60730-1:2016
	EN IEC 60730-2-12:2019

MODELS

Material ——

M1500X TIME DELAY

Ref: M-M1500X-----

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling ————	Yes (External)
Monitoring ————	Yes (x2)
Timing ———	Yes











MODELS

M2500X

Installation	Flush-mounted
Power supply	12/24 VDC
Signalling ————	Yes (External)
Monitoring ———	Yes
Timing ———	Yes

Ref: M-M2500X-----









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.



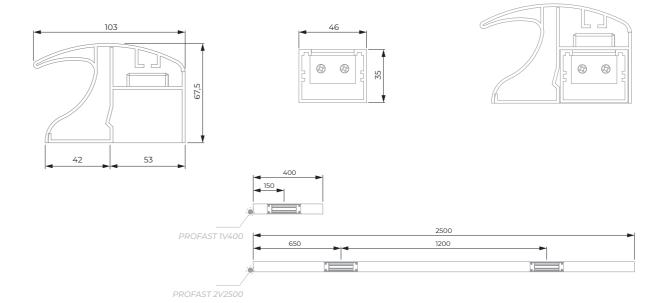
PROFILE

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)



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.



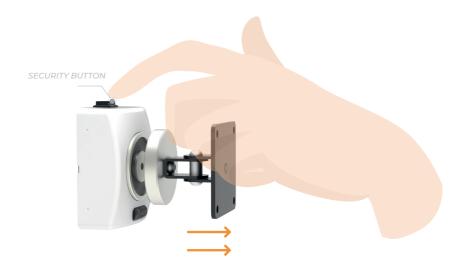
OPERATION

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





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.





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.







RS

RT55 PA 65x65x53 mm

ef: M-RT55/PA-----



Ref: M-SR220-----

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.

RT55











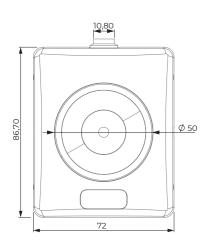


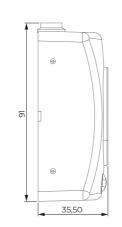
INSTALLATION SPECIFICATIONS

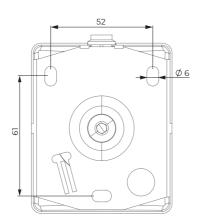
Type of installation —————	Surface-mounted
Height ————	91 mm
Width	72 mm
Depth —	35.50 mm
Retention force	120 lb / 55 kg
Voltage —	24VDC
Consumption (24 VDC)	70 mA
Valid for RF doors —————	Yes

FUNCTIONS

Manual unlocking	 Yes
Operation ———	 Fail safe
/aristor ———	Yes







FINISHES



SILVER-PLATED



WHITE





BLACK

REGULATION

Certificate	e CE EN1155
Fire certificate	e NFS 61937
Building hardware	EN 1155:1997+A1:2002+AC:2006

DORCAS

RS55

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.



>55 kg



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

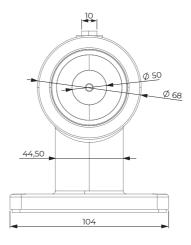


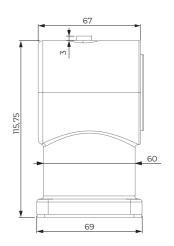






Manual unlocking	 Yes
Operation ——	 Fail safe
Varistor ———	 Yes





FINISHES



BLACK



WHITE

REGULATION

Certificate	CE EN1155
Fire certificate	NFS 61937
Building hardware	EN 1155:1997+A1:2002+AC:2006

ORCAS O years

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.



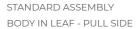
OVERHEAD DOOR CLOSERS

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.





REVERSED ASSEMBLY BODY IN FRAME - PUSH SIDE



SLIDING ARM

 $They \, take \, up \, less \, room \, than \, the \, articulated \, arm. \, lt \, is \, sometimes \, possible \, to \, install \, the \, articulated \, artic$ 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



STANDARD ASSEMBLY BODY IN LEAF - PUSH SIDE



REVERSED ASSEMBLY BODY IN FRAME - PULL SIDE



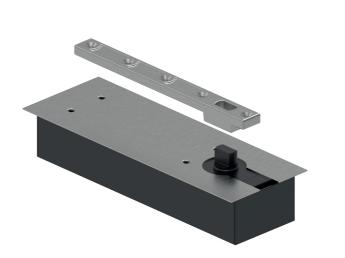
REVERSED ASSEMBLY BODY IN FRAME - PUSH SIDE

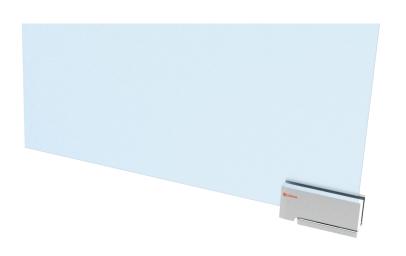


FLOOR-MOUNTED DOOR CLOSER

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 metaldoors, 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

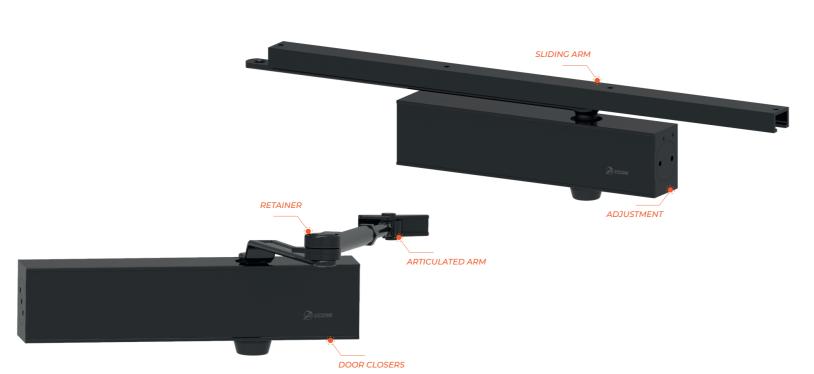
This type of door closers also provide automatic smooth closing of the door. It is surface-mounted, not requiring to lower the door or frame. A single unit is placed per door on the hinges part, and they need the door to be hinged.

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

RACK AND PINION

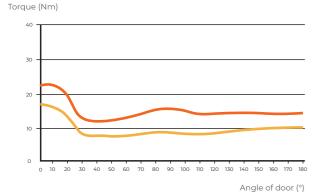


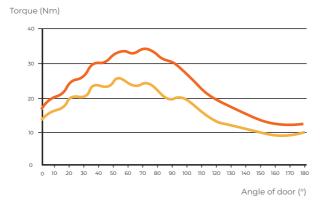
The door closer with pinion mechanism guarantees total control of the door. This type of mechanism is recommended for very wide doors with air draft problems.

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

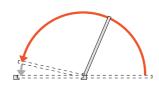
REGULATIONS AVAILABLE

BACKCHECK (BC)



During the opening operation: at the end of travel the opening speed slows in order to avoid accidental shocks.

CLOSING SPEED (S)



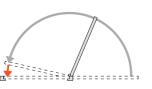
During the closing operation: this is the speed adjustment during the main closing stage.

DELAY ACTION (DC)



During the operation: this is the speed adjustment during the main closing stage. From 90° to 65°

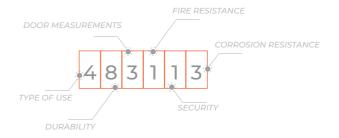
LATCHING (L)



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

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

1 = All door closers have to meet basic security

CORROSION RESISTANT

0 = Not defined 1 = Low resistance 2 = Moderate resistance 3 = High resistance 4 = Very high resistance



DC2 OPTIMAL FOR REFITTING......PAGE 259

DC4 FOR BUSINESSES......PAGE 261

DC6 FOR RESIDENTIAL AND BUSINESSES DOORS......PAGE 262

DC7 HIDDEN PAGE 264

EASY TO INSTALL......PAGE 266





EN 2-4





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.

Type of installation ———

Closing force —

Force adjustable by position.

Valid for RF doors — Yes

Door weight ----

Tested cycles —

Posición EN 3-4

INSTALLATION SPECIFICATIONS

Surface-mounted

EN 2-4

25-85 kg

850-1100 mm







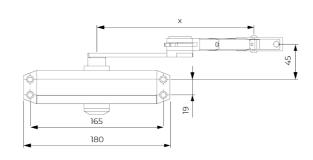






FUNCTIONS

Backcheck ————	No
Delay action ————	No
Closing speed (S)	Yes
_atching (L)	Yes
Articulated arm ———	Yes
Sliding arm (SA) ———	No
Detention (H)	Ontional



INSTALLATION SPECIFICATIONS

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

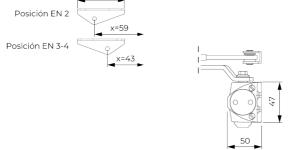
refitting of door closers already installed. Depending on the type of

installation it covers a wide range of functions.

DORCAS OVERHEAD

Type of installation	Surface-mounte
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.







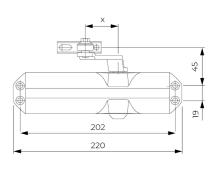






FUNCTIONS

Backcheck ————	– No
Delay action ————	– No
Closing speed (S)	- Yes
Latching (L)	- Yes
Articulated arm ———	- Yes
Sliding arm (SA) ———	– No
Retention (H)	Optional



FINISHES

(1) = 15°



 $(2) = 90^{\circ}$



SILVER



BLACK

(3) = Max. 180°

(1)= Final impact (L) (2)= Closing speed (S)



MODELS

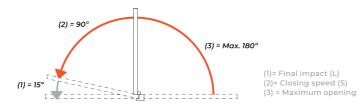
ARTICULATED ARM DC1 H ARTICULATED ARM + RETENTION



FINISHES



WHITE SILVER



BLACK



MODELS

ARTICULATED ARM DC2 H

ARTICULATED ARM + RETENTION

EN 3-6



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.

INSTALLATION SPECIFICATIONS

Surface-mounted

___ 235 mm

—— EN 2-5

_____ 25-100 kg

850-1250 mm

Type of installation

Closing force —

Valid for RF doors — Yes

Force adjustable by adjustment.

Door weight ---

Tested cycles -

EN 2-5



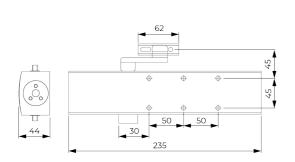


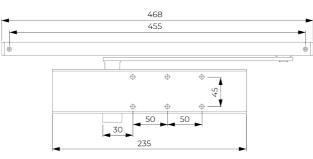




FUNCTIONS

Backcheck ———	No
Delay action ———	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm ———	Optional
Sliding arm (SA) ———	Optional
Retention (H)	Optional





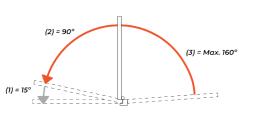
FINISHES

WHITE









(1)= Final impact (L) (2)= Closing speed (S) (3) = Maximum opening

MODELS

DC3	ARTICULATED ARM
DC3 H	ARTICULATED ARM + RETENTIO
DC3 SA	SLIDING ARM
DC3 SA H	SLIDING ARM + RETENTION



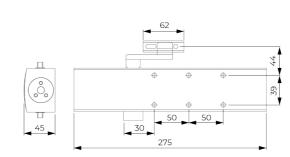


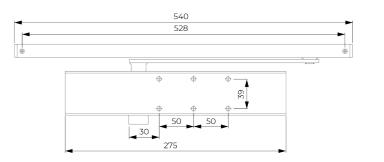
Offers a wide range of uses for doors, adapting up to 120 kg. It is the ideal solution for businesses and interior doors of an average-large size. Optimum adaptation of the closing speed with final impact thanks to two regulating valves

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

Delay action — Yes

Closing speed (S) ——— Yes

Latching (L) — Yes

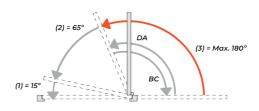
Articulated arm ——— Optional Sliding arm (SA) — Optional

Retention (H) — Optional

Backcheck ——

FINISHES





(2)= Closing speed (S) (3) = Maximum opening

Optionally the BC and DA speeds can be adjusted (>65°)

MODELS

ARTICULATED ARM DC4 H ARTICULATED ARM + RETENTION DC4 SA SLIDING ARM DC4 SA H SLIDING ARM + RETENTION



263







DORCAS

DC8

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 1154:1996 + A1:2002-12 + AC:2006-06

INSTALLATION SPECIFICATIONS

Classic design compact model with closing speed fully adjustable by means of three regulating valves and adjustable final impact. This

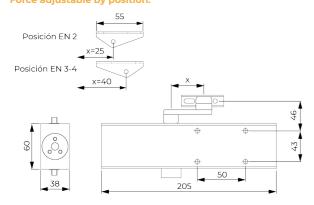
is a model for use in residential and commercial doors quick and

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

Force adjustable by position.

Valid for RF doors ——

easy to install and adjust.

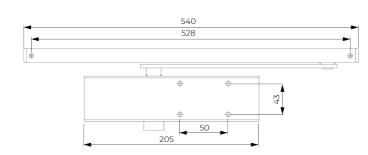






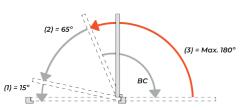
FUNCTIONS

Backcheck ———	Yes
Delay action ———	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm ———	Optional
Sliding arm (SA) ———	Optional
Retention (H) ————	Optional



FINISHES





(1)= Final impact (L) (2)= Closing speed (S)

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



INSTALLATION SPECIFICATIONS

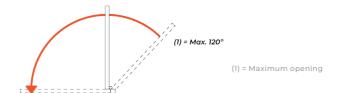
Type of installation —————	Surface-mounted
Reversible ————	Yes
Height —	60 mm
Width —	212 mm
Depth —	40 mm
Closing force ————	EN 2-5
Door weight —	40-100 kg
Door width ————	<1250 mm
Tested cycles —————	500,000
Valid for RF doors	Yes

Force adjustable by adjustment.



FINISHES





MODELS

FUNCTIONS

Delay action — Yes

Closing speed (S) ——— Yes Latching (L) — Yes

Articulated arm ——— Optional Sliding arm (SA) — Optional

Retention (H) — Optional

Backcheck —

DC8 SA	SLIDING ARM
DC0 CV H	SUDING ADM - DETENTION



with the door open.

265

DORCAS

DC9

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.



EASIER TO OPEN! NEW

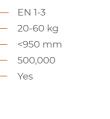
INSTALLATION SPECIFICATIONS

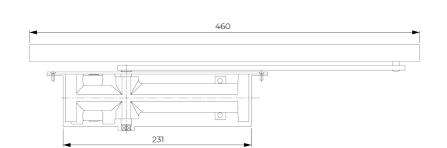
The DC7 is a concealed overhead model for single-leaf doors, which

is completely housed in the door leaf. The sliding arm is only visible

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.





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

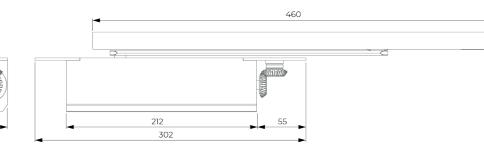
Force adjustable by adjustment.



FUNCTIONS

EN 1154:1996 + A1:2002-12 + AC:2006-06

Articulated arm — No Sliding arm (SA) ——— Yes Retention (H) — Optional



FINISHES



(2) = 90°	(3) = Max. 120°	
1) = 15°	A=====================================	(1)= Final impact (L) (2)= Closing speed (S) (3) = Maximum opening

MODELS

FUNCTIONS

Backcheck --- No

Delay action — No

Closing speed (S) — Yes

Latching (L) ———— Yes

Articulated arm — No

Sliding arm (SA) ——— Yes

Retention (H) — Optional

DC7 SA	SLIDING ARM
DC7 SA H	SLIDING ARM + RETENTIO

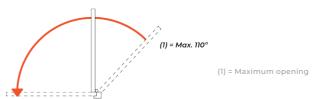


EN 1154:1996 + A1:2002-12 + AC:2006-06

EN 1-3

FINISHES





MODELS





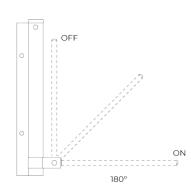
Easy to install door closer. It makes the adjustment of the intensity of the spring and its activation or deactivation easy. Enables maximum opening with a smooth 180° movement.

Perfect for interior doors in general (bathrooms, storerooms, etc.)



INSTALLATION SPECIFICATIONS

Type of installation	- Surface-mounte
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



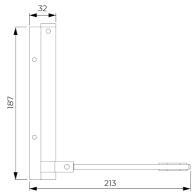






FUNCTIONS

Backcheck ———	No
Delay action ———	No
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm ———	-
Sliding arm (SA) ———	-
Retention (H)	No



FINISHES











WHITE

POLE

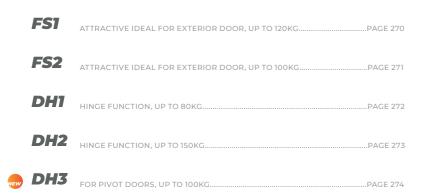
MODELS













The FSI 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.



INSTALLATION SPECIFICATIONS

Type of installation —————	Flush-mounted
Reversible —————	Yes
Height —	82 mm
Width —	274 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

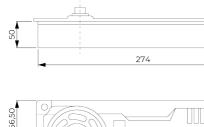
(3)=Máx. 160°

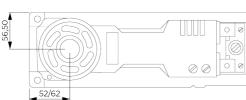
(3)=Máx. 160°





Retention (H) ____





FINISHES

NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

(1)=10° (1)=10°



MODELS

FS1





The FSI 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 150 kg in weight, providing reliability and quality.



INSTALLATION SPECIFICATIONS

Type of installation ————	Flush-mount
Reversible —————	Yes
Height —	41 mm
Width —	306 mm
Depth —	108 mm
Closing force	EN 2-4
Door weight —	<150 kg
Door width	<1100 mm
Tested cycles ————	500,000
Valid for RF doors	Yes

(3)=Máx. 130°

(3)=Máx. 130°



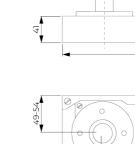






FUNCTIONS

	Backcheck ———	Yes
	Delay action ———	No
	Closing speed (S)	Yes
	Latching (L)	Yes
	Articulated arm ———	-
	Sliding arm (SA) ———	-
	Retention (H)	Yes
_		



FINISHES

(1)=20°

(1)=20°



NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

MODELS

FS2



EN 1-6

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.



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



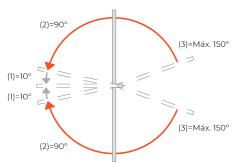


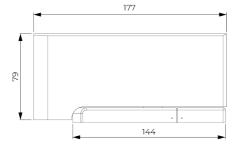




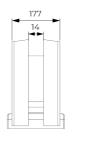
FUNCTIONS

Backcheck ———	Yes
Delay action ———	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm ———	-
Sliding arm (SA) ———	-
Retention (H)	Yes





DH1



NOTA: (1) Golpe final, (2) Velocidad de cierre, (3) Máxima apertura

FINISHES MODELS



STAINLESS STEEL





<1000 mm







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.

EN 1-6

------ <150 kg

INSTALLATION SPECIFICATIONS

Type of installation ———

Closing force —

Door weight ----

Tested cycles —

Depth





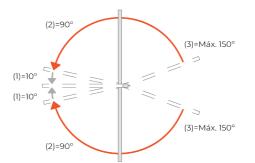




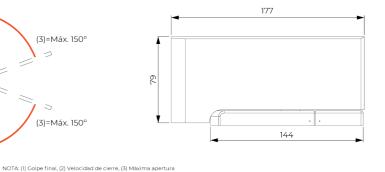


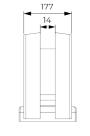
FUNCTIONS

Backcheck ———	Yes
Delay action ———	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm	-
Sliding arm (SA) ———	-
Retention (H)	Yes



Valid for RF doors — No





FINISHES



STAINLESS STEEL

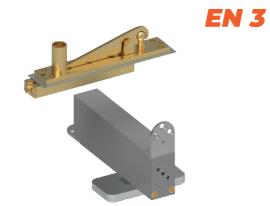
MODELS

DH2



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.



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



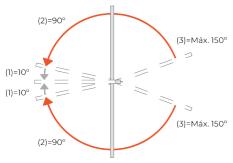


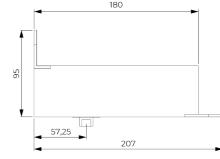


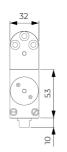


FUNCTIONS

Backcheck ———	Yes
Delay action ————	Yes
Closing speed (S)	Yes
Latching (L)	Yes
Articulated arm ———	-
Sliding arm (SA) ———	-
Retention (H)	No







FINISHES



STAINLESS STEEL

MODELS

DH3



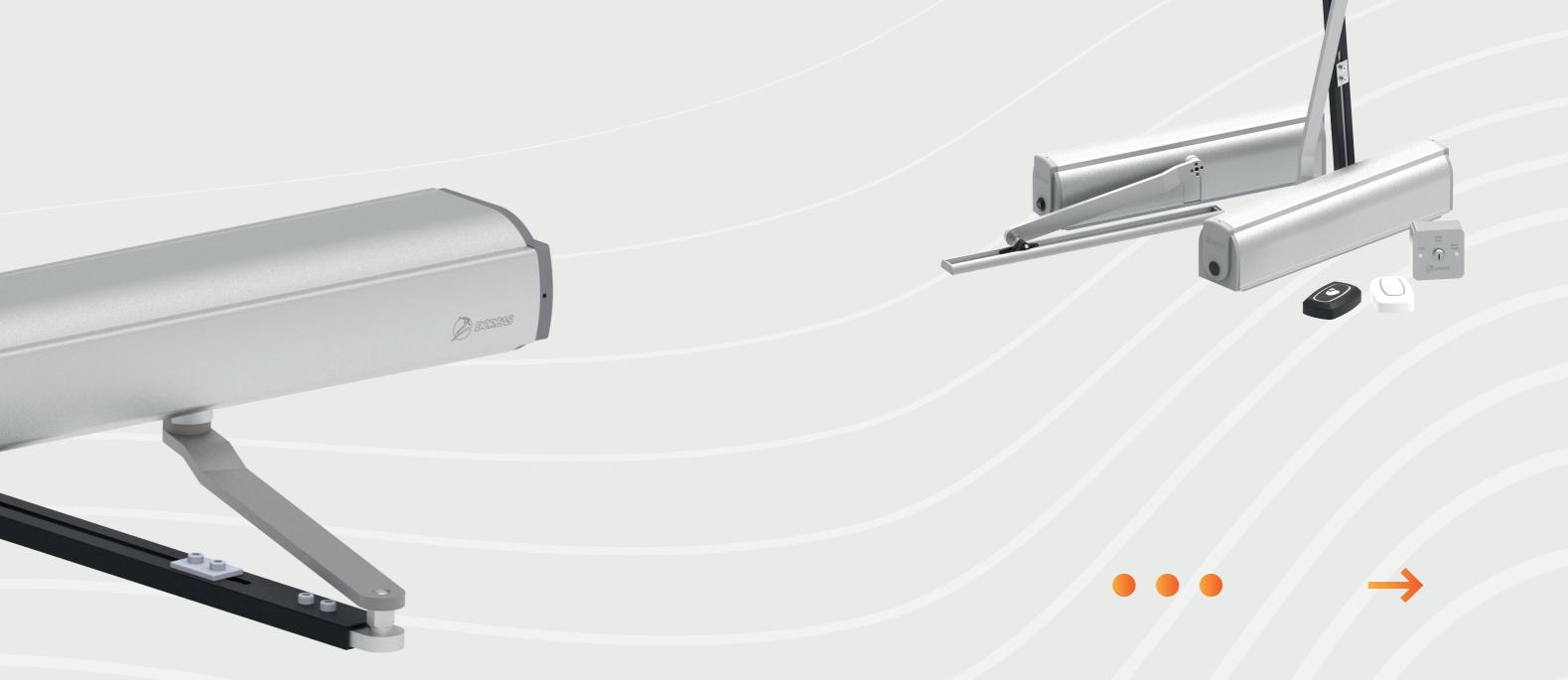


DOOR OPERATORS



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.

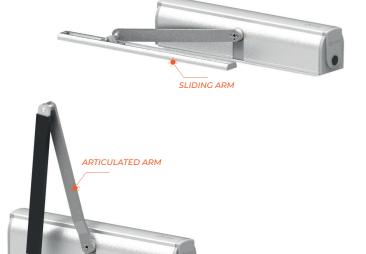


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COMPONENTS OF A DOOR OPERATOR

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.





1 DEVICE

FOR SINGLE DOOR

2 ACCESSORIES

3 ACCESSORIES

guarantee maximum security.

controls, etc.

CHOOSE YOUR SYSTEM IN 3 STEPS

First we will choose whether we need an ACCSIE or a ACCSIE PLUS, for a single or a double door.

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

You can add accessories from our range of strikes or locks, push buttons, access controls, etc. to

FOR DOUBLE DOOR

NOTE: The accessories are explained on page 281.

NOTE: The pack includes: ACCSIE device + mounting plate + articulated arm + sliding arm

ACCESSORIES

or to increase the security of the opening and closing manoeuvres.

DETECTION -

OPENING -

DEVICES

ACCESSORIES -

FOR THE INSTALLATION

TOUCHLESS BUTTON

Ref. White: *D-22366CLB-----*Ref. Black: *D-22366CLN-----*

105x70x23.5 mm

DEVICES

The different accessory devices for the installation of an ACCSIE include people detection elements to assist in the opening of the door

OPENING RADAR

REMOTE CONTROL

82x50x16.5 mm Ref: D-22304-----

KEY SWITCH

Ref: D-22361-----

CONNECTING CABLE

AM/ASK

COM/NC/NO

Ref: D-22312-----

IP55

PHOTOCELL

Ref: D-22314-----

TOUCH BUTTON

ACTIVATION CARD

SHAFT EXTENDER

Ref. 30mm: *D-22351------*Ref. 55mm: *D-22350------*Ref. 80mm: *D-22352------*

Ø27x30/55/80 mm

Ref: D-22311----

Ref: D-PL7-----

Width of the leaf

FUNCTIONS

Guided calibration

Height and management of remote controls

Adjustment of times, speeds and force

Automatic and manual modes

Output for electric strikes/lock

video door entry systems

UP TO 200 KG

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.



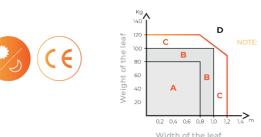
INSTALLATION SPECIFICATIONS

Type of installation —————	Surface-mounted
Reversible	Yes
Height —	90 mm
Width —	506 mm
Depth —	115 mm
Weight —	5 kg
Door weight —	Up to 120 kg
Door width ————	Up to 120 cm
Tested cycles —————	500,000
Valid for RF doors —————	No
Electric closing power supply ———	12 VDC / 1A
Backup battery —————	Up to 600 cycles

B: Intensive use, 200-300 cycles/day.

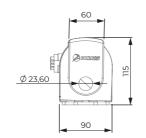
C: Use with reduced speed.



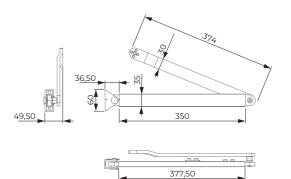


FUNCTIONS

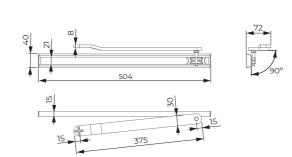
- Height and management of remote controls
- Adjustment of times, speeds and force
- Automatic and manual modes
- Guided calibration
- Output for electric strikes/lock
- Compatible with push buttons, access control
 - and video door entry systems
- Fire mode
- Suitable for people with reduced mobility



ARTICULATED ARM



SLIDING ARM



DORCAS DOOR OPERATOR **ACCSIE PLUS**

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.



INSTALLATION SPECIFICATIONS

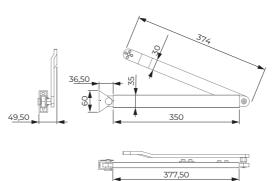
Type of installation	Surface-mounted
Reversible ————	Yes
Height ————	90 mm
Width	685 mm
Depth —	115 mm
Weight —	10.50 kg
Door weight —	Up to 200 kg
Door width ————	Up to 150 cm
Tested cycles ————	500,000
Valid for RF doors —————	No
Electric closing power supply ———	12VDC / 1A or 24VDC / 0.50A
Backup battery —————	Up to 600 cycles

B: Use not permitted

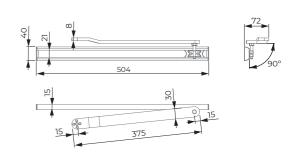




ARTICULATED ARM



SLIDING ARM



DORCAS 50 years

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.





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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.



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).

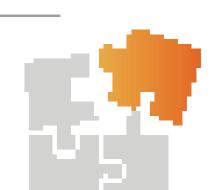
As for the use of the access control, this is easy and intuitive. At DORCAS we provide the customer with explanatory videos on its installation, start-up and settings.

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.



TOTAL COMPATIBILITY

External components can be connected to every DORCAS access control. Each DORCAS product is 100% compatible.



CLOSERS

OR VTORS

ACCE

ACCESSORIES

DORCAS

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) $aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	≤ 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



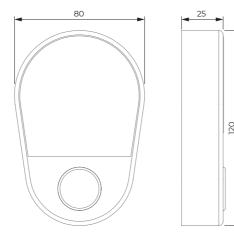
AUTHENTICATION

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.



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





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

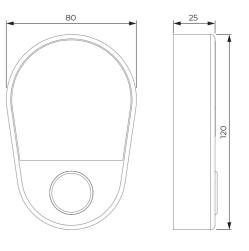


AUTHENTICATION

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).

FUNCTIONS

User memory capacity	100 (Fingerprin
	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



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.





FACE RECOGNITION + CARDS! NEW

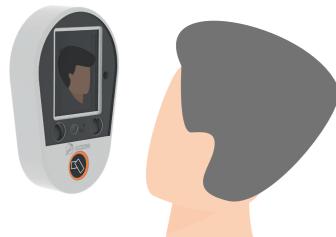






INSTALLATION SPECIFICATIONS

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 contac
Contact configuration door 1	NO/NC



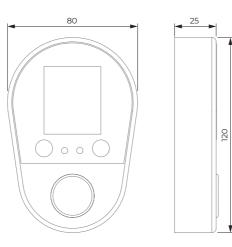
AUTHENTICATION

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).



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





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

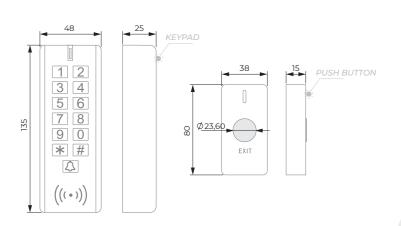
Type of installation	Surface-mounted
Height —	135 mm
Width	48 mm
Depth	25 mm
Frequency	MF-13,56 Mhz
Exterior Installation (IP)	Yes (IP66)
Anti-Vandalism Protection ————————————————————————————————————	Yes (IK08)
Power Supply Voltage —————	12 VDC
Current consumption on idle (mA)	≤ 50 mA
Current consumption in active (mA)	≤ 120 mA
Output door 1	1.5A (Water contact)
Contact configuration door 1	NO/NC

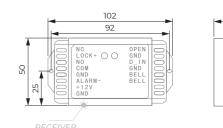
FUNCTIONS

User memory capacity	600 Users
Keyboard ————	Yes
Card ———	Yes
Led	Yes
Sound	Yes
Opening time	1" - 99"
Alarm —	Yes
Door status sensor —————	Yes









Flexible and unlimited digital master key access control with realtime 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.

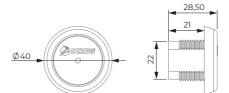


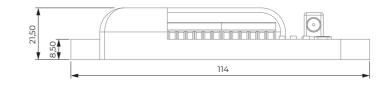


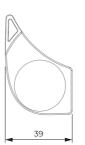




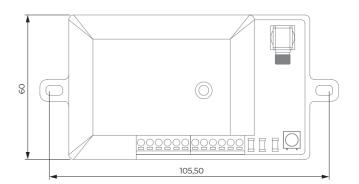












INSTALLATION SPECIFICATIONS

Type of installation	Flush-mounted
Diameter	40 mm
Depth	29 mm
Frequency	13.56 MHz
Exterior Installation (IP)	Yes (IP54 - Reader)
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)



Capacity ———	Unlimited users
Network ———	4G (SIM incorporated)
Group management —	Yes
Schedules ———	Yes
Access records ———	Yes





Its inconspicuous, rounded proximity reader makes it easy to integrate around the access door, making it a modern, minimalist installation.





BADGE



The **centralite**, being separate from the reader, can be concealed in the cut or in a wiring enclosure. Leaving only the reader visible.

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.



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.







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.











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.

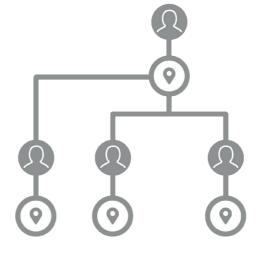
UNLIMITED GROUPS

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.

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.







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.

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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











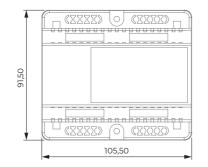
FUNCTIONS

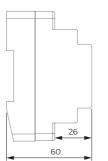
Capacity	85 remote controls
Touch keypad —————	No
Card	No
Bluetooth -	No
Face recognition —————	No
Remote control	Yes
Activation time	1" (Preset)
Max activation time —————	30''
Battery duration	12 - 18 months



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.







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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.



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.





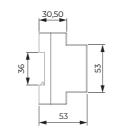
MODELS

TF1 ALTERNATING CURRENT Input — 125 - 230 VAC Output voltage — 12 VAC Output current --- 0.5 A Output power 6 W

Type of fastening —— DIN M3







Ref: *E-TF1*-----

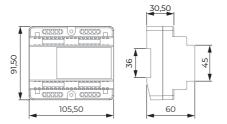
TF3 ALTERNATING CURRENT

Input — 125 - 230 VAC 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

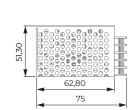
Output voltage — 12 VDC Output current ---- 1.3 A Output power — 15.6 W Type of fastening —— Optional DIN

Ref: E-TF4.1-----







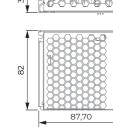


TF6 DIRECT CURRENT

Output voltage — 12 VDC Output current — 3 A Output power ---- 36 W Type of fastening — Optional DIN

Ref: *E-TF*6-----



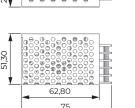


TF7 DIRECT CURRENT

Output voltage ——— 24 VDC Output current ---- 1.1 A Output power ——— 26.4 W Type of fastening —— Optional DIN

Ref: *E-TF7*-----



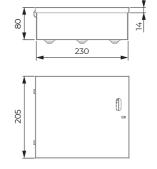




Output voltage — 13.8 VDC Output current — 2 A Output power ------ - W

Ref: *E-TF8-----*





Recess for battery incorporation.



Type of fastening —— Wall anchoring

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.

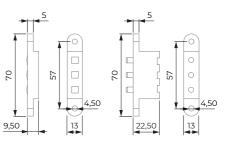




---- Flush-mounted Installation ----Material ——— ABS Maximum current —— 2 A Number of terminals — 3

Ref. White: E-3C----Ref. Black: *E-3C/N-----*

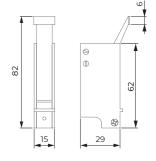




Installation — Flush-mounted Material — ABS Maximum current — 3 A Number of terminals — 3 (Lever)

Ref: *E-4C----*



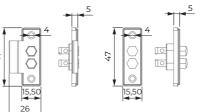


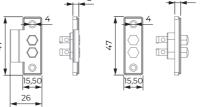
MODELS

---- Flush-mounted Installation —— Material ——— ABS Maximum current —— 2 A Number of terminals — 2

Ref. White: E-2CN-----Ref. Black: E-2CN/N-----







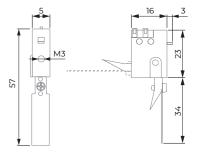


Installation — Flush-mounted Material — Stainless steel

Maximum current —— 2 A

Number of terminals — 2

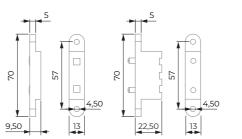




Installation —— ---- Flush-mounted Material — ABS Maximum current — 2 A Number of terminals — 2

Ref. White: *E-2C-----*Ref. Black: *E-2C/N-----*

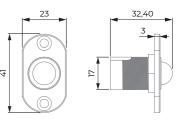




Installation — Flush-mounted Material — Metal/Plastic Maximum current —— 2 A Number of terminals — 1

Metal ref.: E-CM2-----Plastic ref.: E-CM1-----







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. Several sizes available: 300, 600, 1000 (mm).



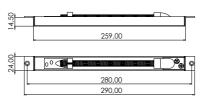


Ref: *E-X1*-----

X2

Flush-mounted cable duct, medium size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°



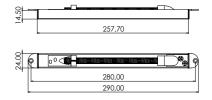


Ref: *E-X2----*

X2R

Flush-mounted cable duct, concealed with the door closed, mounted between door and frame on the hinges part. Rounded finishes.



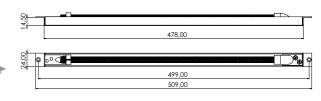


Ref: *E-X2R-----*

(2B

Flush-mounted cable duct, large size, concealed with the door closed, mounted between door and frame on the hinges part. Finishes at 90°





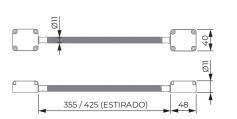
Ref: *E-X2B-----*

Х3

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-----*

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.

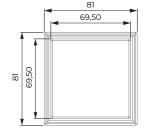


Installation — Flush-mounted Material — Polycarbonate Maximum current — 10 A / 250 V Output contacts —— COM / NO Backlighting — No

Flush-mounted

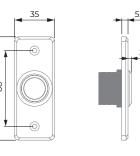
Ref: *E-PL5*-----











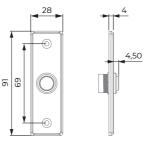
MODELS



Installation — Flush-mounted Material — Stainless steel Maximum current — 3 A / 36 V Output contacts —— COM / NC / NO Backlighting — Yes

Ref: *E-PL1-----*

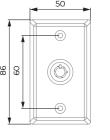




Installation — Flush-mounted Material — Stainless steel Maximum current —— 3 A / 36 V Output contacts —— COM / NC / NO Backlighting — No

Ref: *E-PL11-----*





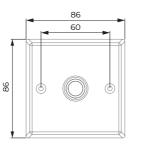


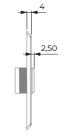
PL2 LED

Installation —— ----- Flush-mounted Material — Stainless steel Maximum current — 3 A / 36 V Output contacts —— COM/NC/NO Backlighting — Yes

Ref: *E-PL2*-----



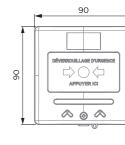


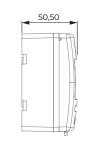


Installation —— Surface-mounted Material — Plastic Maximum current — 12/24 VDC Output contacts ——— (x2) NC / NO Backlighting Yes (LED)

Ref: *E-PL15-----*







LATCHES AND DEADBOLTS

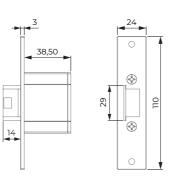
Dorcas completes the range of products with latches and deadbolts to be combined and used in installations with our products.



MODELS

Latch with stainless steel front, suitable for wooden doors. Makes the installation more secure thanks to its zinc alloy body.

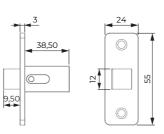




Ref: *E-PI1-----*

It has a locking system, securing the door once it is closed.





Ref: *E-PI2----*

'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.

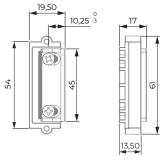


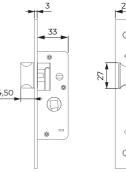


The P11 latch is for flush-mounted installations. Its operation is without electric current and the opening is by handle.

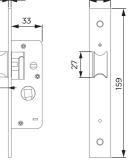
Ref: *E-P11-----*











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.







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.

















NEWS

Keep up to date with what's new at DORCAS on our Instagram page, where new products and product highlights are uploaded.

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