

Electromechanical devices

TESA

ASSA ABLOY



Leading the market of opening solutions



TESA is complementing its catalogue with a wide range of Electric Strikes, Electromagnetic Locks and Electromechanical Locks in order to ensure the highest level of active security,

not forgetting those passive security features that vary depending on each chosen product: monitoring of the door status, placement of the lever, handle status, cylinder status...

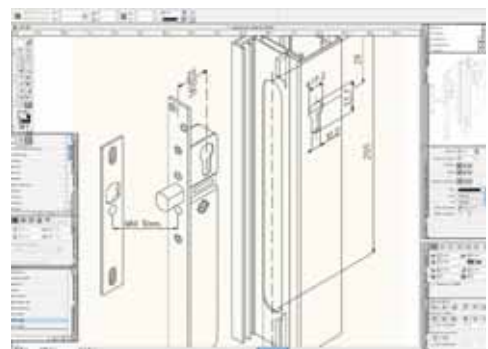
Opening and locking: safety and reliability

A Residence, a Bank Office, a R+D Department or a Chemist's Shop: in some places, Security has become a top priority. The security level afforded by TESA's Electromechanical Devices meets the most demanding standards, going further than most traditional mechanical systems in many aspects, while adding peerless advantages in terms of user-friendliness and passive security.



The latest technology, above all

TESA's Electromechanical Devices are always at the forefront of the latest technologic developments. Continuous improvements and permanent optimizing guarantee the quality of our products, reinforcing our aim of keeping a range of products capable of meeting always our customer's requirements.



Make your choice

Each specific place has its own security demands, which is why TESA's electromechanical devices can adapt to each installation's particular needs. Depending on these, choices will vary in terms of technology and complexity: from the simplicity of the CEL electric strike for traffic control in internal doors to the complexity of the motorized electromechanical lock, which combines the best security and user-friendliness available in the market



Guaranteed products

TESA can guarantee the perfect functioning of its electromechanical parts, as long as they are employed according to current standards and they have been installed according to the accompanying instructions. The installation will always be performed by qualified staff, and the handling of the product demands that certain minimum security measures are observed. The set-up of any kind of electric installation must always be performed following the advice of current standards for workplace risk prevention.



We offer an integral locking solution

In order to install an electromechanical solution in a door, we need: a door closer that ensures that the door reaches the “closed” position before being blocked, a cylinder that allows the mechanical opening of the door, and an exit panic device that ensures an emergency exit. For this reason, [TESA](#) brings you the widest range of locking products for the complete installation of a door.



Fail secure, fail safe

Sometimes it's just as important a solid closing as an easy exit, which is why our electromechanical solutions haven't just been conceived for closing doors – they can also be extremely useful when installing electrically controlled exit ways. Electromechanical devices have been conceived basically for operating according to Fail Secure logic, that is, if power supply fails the door must remain locked solid. But we may also find situations in which it's vital to ensure the correct evacuation of the premises through a door we may wish to control electrically. In these cases we will use Fail Safe locks: if power supply fails, the door will open wide. We will then generically use Electromagnetic Locks, even if in some cases we may choose Electromechanical Locks or Electric Strikes in reverse operation mode.



Electromechanical solutions are, first and foremost, mechanical.

Although mechanical solutions don't always offer the desired security or versatility levels when equipping a door, strictly electrical solutions can be regarded with suspicion, as is the case when locks depend on power supply for their proper operation. Except for electromagnetic locks, electromechanical locking devices are essentially mechanical elements (levers, latches); therefore, intrusion resistance can be as high as that of [TESA's](#) mechanical locks.



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Standard electric strikes

Mechanical features

- » Reversible
- » Stainless Steel Front (also Glazed in Brown).
- » Deadlocking tab for latch with 3 mm side regulation.

Electric features

- » 12Vca standard reel.
- » Available in special versions with direct current, in Normal and Inverted operations (Fail Safe).
- » Available in a special 24V (AC or DC) reel.

Control functions

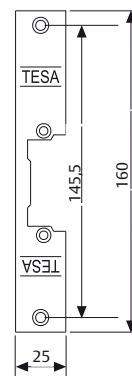
- » NORMAL (electric unblocking during the control pulse)
- » AUTOMATIC (the control pulse unblocks the door, after which the pulse remains unblocked for an only opening. The door's lock then blocks the strike).
- » WITH UNBLOCKING LEVER (permanent manual unblocking).

Short face plate

Application

- » Main door locks: 2219 and 2039
- » Passage function locks: 2015, 2035, 135, 2215 and knobs.

Function	Finish	Model
Normal	Stainless steel	CERNORCIN
Normal with unblocking	Stainless steel	CERNODCIN
Automatic	Stainless steel	CERAUTCIN
Automatic with unblocking	Stainless steel	CERAUDCIN

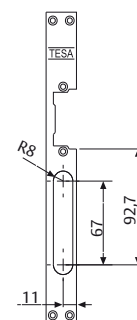


Long face plate. Wooden door

Application

Bolt locks: 100B, R200B, TLB, CANB

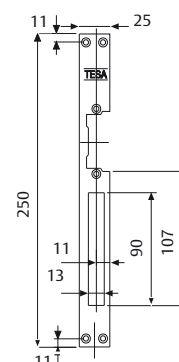
Function	Finish	Model
Normal	AE	CERNORBUE
Normal with unblocking	AE	CERNODBUE
Automatic	AE	CERAUTBUE
Automatic with unblocking	AE	CERAUBUE
Normal	Stainless steel	CERNORBUI
Normal with unblocking	Stainless steel	CERNODBUI
Automatic	Stainless steel	CERAUTBUI
Automatic with unblocking	Stainless steel	CERAUBUI



Application

Slide Action Lever Locks: 2010, 130, 2030, R200N, TLP

Function	Finish	Model
Normal	AE	CERNORLCE
Normal with unblocking	AE	CERNODLCE
Automatic	AE	CERAUTLCE
Automatic with unblocking	AE	CERAUDLCE
Normal	Stainless steel	CERNORLCI
Normal with unblocking	Stainless steel	CERNODLCI
Automatic	Stainless steel	CERNODLCI
Automatic with unblocking	Stainless steel	CERAUDLCI



Standard electric strikes

Long face plate. Metallic door

Application
Swinging Lever Locks: 2210B, 2230.

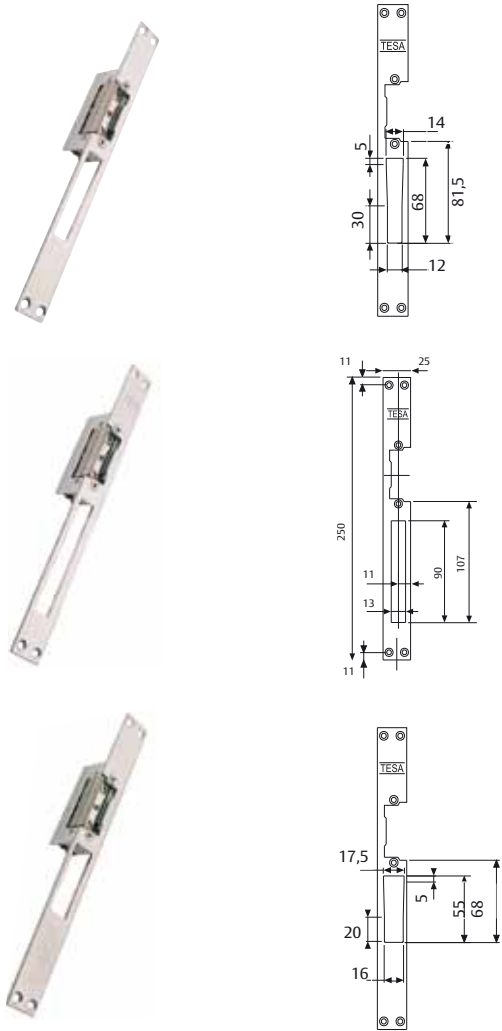
Function	Finish	Model
Normal	Stainless steel	CERNORLBI
Normal with unblocking	Stainless steel	CERNODLBI
Automatic	Stainless steel	CERAUTLBI
Automatic with unblocking	Stainless steel	CERAUDLBI

Application
Slide Action Lever Locks: 2210.

Function	Finish	Model
Normal	Stainless steel	CERNORLCI
Normal with unblocking	Stainless steel	CERNODLCI
Automatic	Stainless steel	CERAUTLCI
Automatic with unblocking	Stainless steel	CERAUDLCI

Application
Hook Bolt Locks: 2240, 2230L, 2230P.

Function	Finish	Model
Normal	Stainless steel	CERNORLGI
Normal with unblocking	Stainless steel	CERNODLGI
Automatic	Stainless steel	CERAUTLGI
Automatic with unblocking	Stainless steel	CERAUDLGI



Electric strikes for thermal break aluminium stiles

Mortise electric strike

Mechanical features

- » Reversible
- » Stainless Steel Front / steel front.
- » Deadlocking tab for latch with 1 mm side regulation.

Electric features

- » 12Vca standard reel.
- » Available in special versions with direct current, in Normal and Inverted operations (Fail Safe).
- » Available in a special 24V (AC or DC) coil.

Control functions

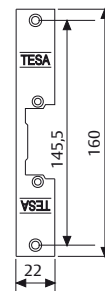
- » NORMAL (electric unblocking during the control pulse)
- » AUTOMATIC (the control pulse unblocks the door, after which the pulse remains unblocked for an only opening. The door's lock then blocks the strike).
- » WITH UNBLOCKING LEVER (permanent manual unblocking).

Short face plate

Application

- » Main door locks: 2219 and 2039
- » Passage function locks: 2015, 2035, 135, 2215 and knobs.

Función	Finish	Model
Normal	Stainless steel	CESNORCIN
Normal with unblocking	Stainless steel	CESNODCIN
Automatic	Stainless steel	CESAUTCIN
Automatic with unblocking	Stainless steel	CESAUDCIN

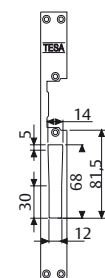


Long face plate

Application

- » Main entrance doors: with 2219 and 2039 locks
- » Passage function locks: 2015, 2035, 135, 2215 and knobsets.

Función	Finish	Model
Normal	Stainless steel	CESNORLBI
Normal with unblocking	Stainless steel	CESNODLBI
Automatic	Stainless steel	CESAUTLBI
Automatic with unblocking	Stainless steel	CESAUDLBI



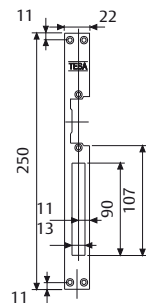
Electric strikes for thermal break aluminium stiles

Short face plate

Application

Slide Action Lever Locks: 2210.

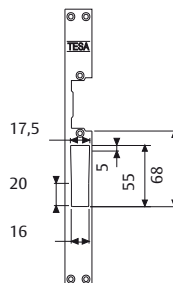
Function	Finish	Model
Normal	Stainless steel	CESNORLCI
Normal with unblocking	Stainless steel	CESNODLCI
Automatic	Stainless steel	CESAUTLCI
Automatic with unblocking	Stainless steel	CESAUDLCI



Application

Locks with hook bolt: 2240, 2230L, 2230P.

Function	Finish	Model
Normal	Stainless steel	CESNORLGI
Normal with unblocking	Stainless steel	CESNODLGI
Automatic	Stainless steel	CESAUTLGI
Automatic with unblocking	Stainless steel	CESAUDLGI



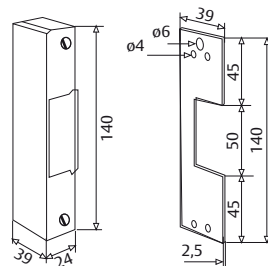
Other applications

Rim models

Application

Rim Exit Panic Devices TM1S and 1910.

Function	Finish	Model
Normal	Stainless steel	CELNORPAN
Automatic	Stainless steel	CELAUTPAN



Fire doors



Application

For installation in fire doors. Certified.

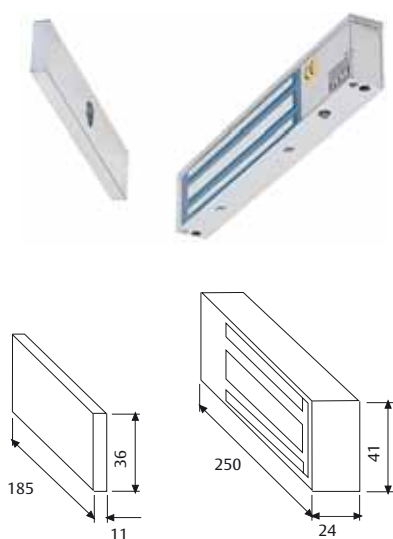
Function	Frente	Model
Normal	Short	CERNORCINF

Electromagnetic strikes

Rim models. Standard range

Mechanical features:

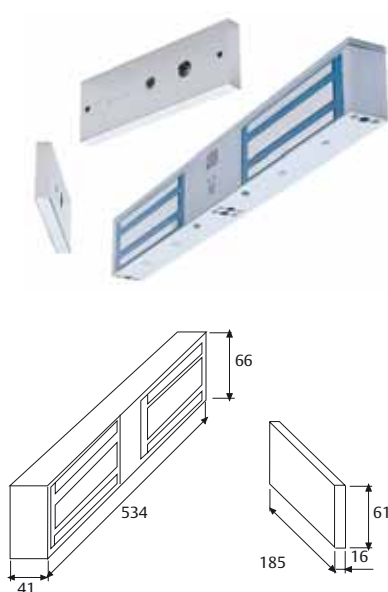
- » Reversible
- » Aluminium box.
- » It can be installed on all types of frames and doors (except glass) (accessories in L/Z).



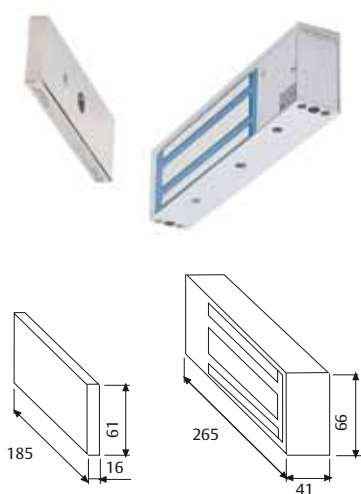
Model	Locking force	Application
CEM600SS0F	600 Kg (approx.)	Single leaf door

Electrical characteristics

- » Voltage: 12 or 24Vdc (to be chosen on site).
- » Consumption: 500mA (12Vdc), 250mA (24Vdc).



Model	Locking force	Application
CEM600DS0F	600 Kg (approx.)	Double leaf door



Model	Locking force	Application
CEM300SS0F	300 Kg (approx.)	Single leaf door

Optional accessories

- » L-shaped plate: for the installation of electromagnetic locks in narrow profiles.
- » Z-shaped plate: for the installation of electromagnetic locks in inwards-opening doors.

Model	Description	Application
SLCEM300F	Plate en "L"	CEM300SS0F
SLCEM600F	Plate en "L"	CEM600SS0F
SZCEM300F	Plate en "Z"	CEM300SS0F
SZCEM600F	Plate en "Z"	CEM600SS0F

Electromagnetic strikes

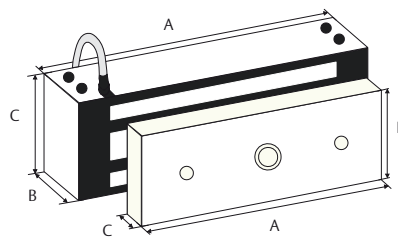
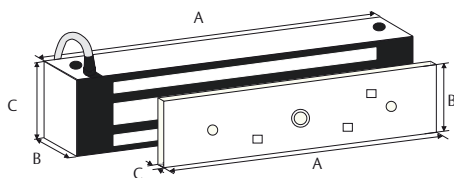
Rim models. High range

Mechanical features:

- » Reversible.
- » Stainless steel watertight box.
- » It can be installed in glass doors.

Electrical features:

- » Voltage: 12 or 24Vdc (auto-selector).
- » Consumption: 350mA (12Vdc), 175mA (24Vdc).
- » Precision winding for quasi-unlimited duration.
- » Absence of magnetic remanence ("close lean door" effect), which makes it user-friendlier.



Model	Locking force	Application
SCGG030SS	300 Kg (approx.)	Single door

Model	Locking force	Application
SCGG054SS	600 Kg (approx.)	Single door

Optional accessories

- » Glass doors accories: consist of a base plate (SCGGDB00S) fixed with an adhesive (SCGAK600S) onto the door.

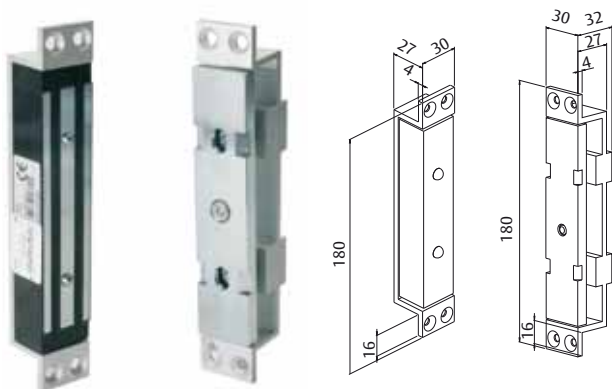
Model	A	B	C
SCGG030SS lock	203 mm	38 mm	47 mm
SCGG030SS strike plate	153 mm	40 mm	12 mm
SCGG054SS lock	203 mm	44 mm	74 mm
SCGG054SS strike plate	152 mm	70 mm	13 mm

Electromagnets locks

Mortise model. Standard range Mortise model. High range

Electric features

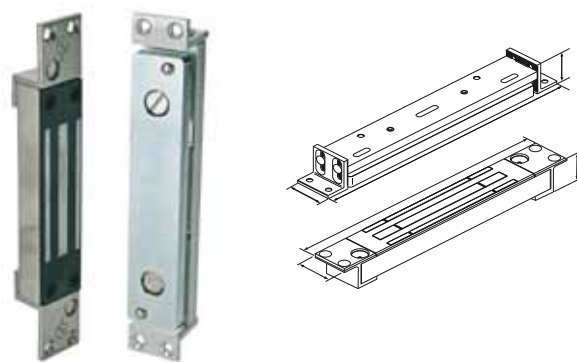
- » Voltage: 12 or 24Vdc (auto-selector for the 1500 Kg model).
- » Consumption: 350 mA (12Vdc), 175 mA (24Vdc).



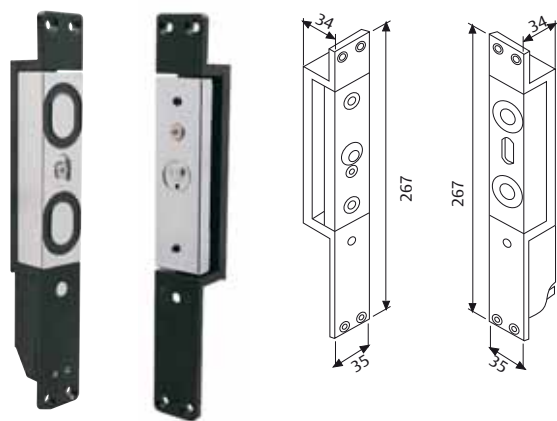
Model	Locking force
CEM750SS0F	750 Kg (approx.)

Electrical features

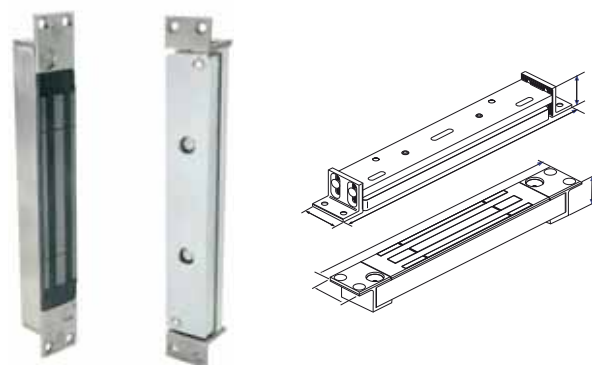
- » Voltage: 24Vdc (300 Kg model), 12 or 24Vdc (auto-selector) for the 500 Kg model.
- » Consumption: 300 mA (12Vdc), 175 mA (24 Vdc).



Model	A	B	C	Locking force
SCGG030EN lock	182 mm	29 mm	21 mm	300 Kg (approx.)
SCGG030EN strike	182 mm	29 mm	25 mm	300 Kg (approx.)



Model	Locking force
CEM150SS0F	1500 Kg (approx.)



Model	A	B	C	Locking force
SCGG045ES lock	268 mm	38 mm	30 mm	450 Kg (approx.)
SCGG045ES strike	275 mm	37 mm	36 mm	450 Kg (approx.)

Electromechanical locks

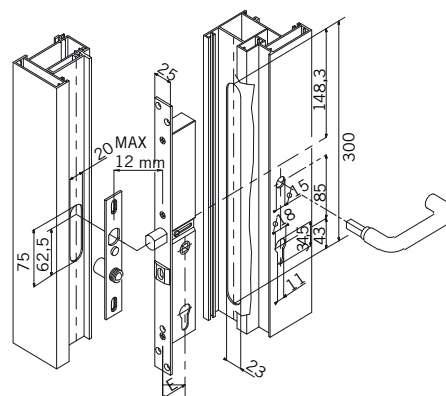
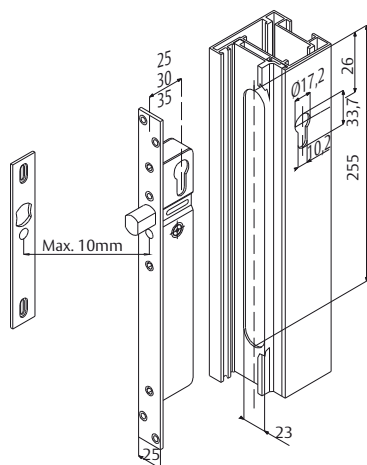
Bolt locks

Mechanical features

- » Chrome plated steel front.
- » Length of the bolt: 20mm, diameter: 18mm.
- » It can be activated with a cylinder and/or handle (8 mm follower rod).
- » Backset: 25 mm

Electric features

- » Voltage: 12Vdc-24vdc (auto).
- » Consumption: 250 mA in standby mode (a maximum of 3A in start-up mode).



Model	Function	Operation mode	Cylinder	Handle
55036.25	Bolt	Fail safe	YES	NO
55038.25	Bolt	Fail secure	YES	NO
5503925	Latch	Fail secure	YES	NO
55040.25N	Latch	Fail safe	YES	NO

Model	Function	Operation mode	Cylinder	Handle
5703625	Bulón	Fail safe	YES	YES
5703825	Bulón	Fail secure	YES	YES
5703925	Latch	Fail secure	YES	YES

CF with electro switch, for remote opening

CF60 with panic function

Code

» CF6SRSR9ICE

Performance

- » Locking the cylinder, the external follower of the lock gets blocked and the door can not be opened. However, as it is an panic lock, the door can always be open from inside by activating the lever or the panic exit device.
- » With an electric signal, the electro switch clutches the inner mechanism of the lock allowing the door to be opened from outside operating the lever.
- » When the signal disappears, the lock becomes blocked again from outside.

Certification

- » CE mark, according UNE-EN12209 & UNE-EN1125



CERTIFIED ACCORDING
UNE-EN
12209:2004

CERTIFIED ACCORDING
UNE-EN
1125:2009



CF60 without panic function

Code

» CF6NPSRSR9ICE

Performance

- » Locking the cylinder, the lock gets blocked and the door can not be opened, neither from inside nor from outside.
- » With an electric signal, the electro switch clutches the inner mechanism of the lock allowing the door to be opened from inside and outside operating the lever.
- » When the signal disappears, the lock becomes blocked again.

Certification

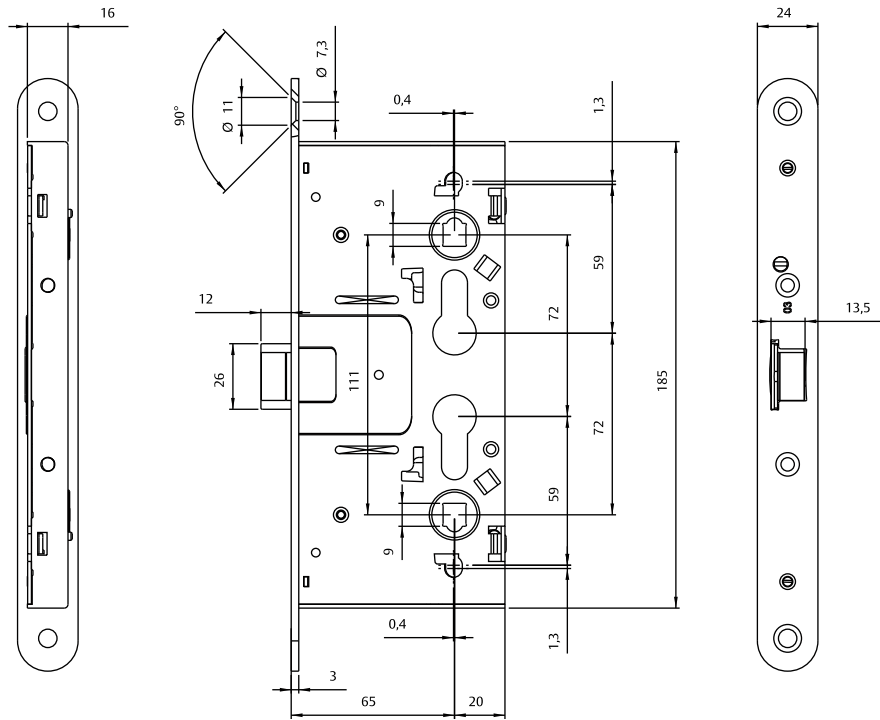
- » CE mark, according UNE-EN12209



CERTIFICADO SEGÚN
UNE-EN
12209:2004

CF with electro switch, for remote opening

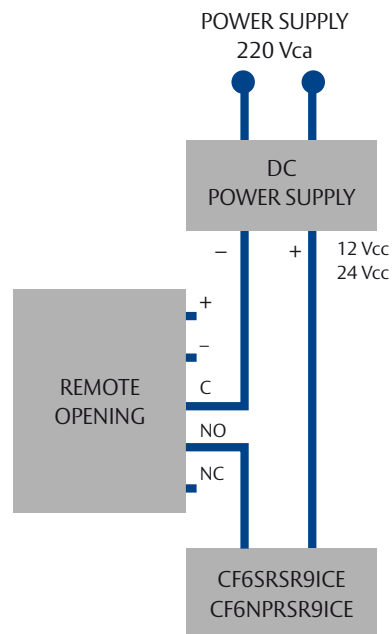
General dimensions



Electrical consumption

Power Supply	
	12-24 VDC (-10% / +15%)
Consumption	
	max 550 mA (12 VDC)
	stop 240 mA (12 VDC)
	max 270 mA (24 VDC)
	stop 110 mA (24 VDC)

Installation



Electromechanical locks

STEP series. Electromechanical rim lock

Mechanical features

- » 65 mm fixed backset.
- » Fixed external cylinder, or adjustable for doors with a maximum thickness of 70mm.
- » Round profile cylinder. 25mm keyhole required.
- » Simple and safe electric connection, with terminal strips inside.
- » Reversible, all models valid for right and left doors.

Electric features

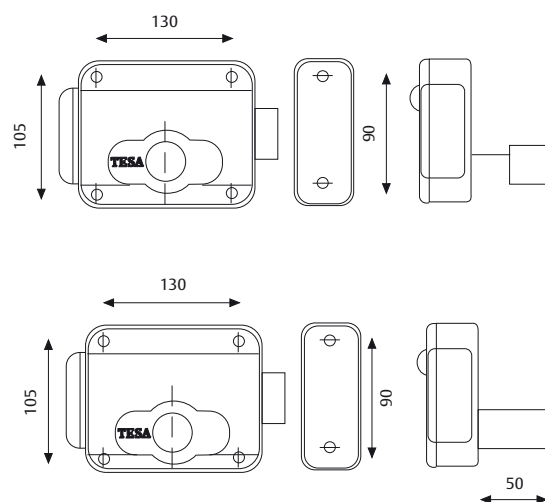
- » Voltage 12 VAC; 15 W.
- » Consumption in stand-by 250mA: (starting up to 3A).



Model	Cylinder	Extremal cylinder	Door width
STEP24FTEPL	TE5	Fixed	<50
STEP24FSCPL	SC	Fixed	50
STEP24RTEPL	TE5	Adjustable	50 - 75
STEP24RSCPL	SC	Adjustable	50 - 75

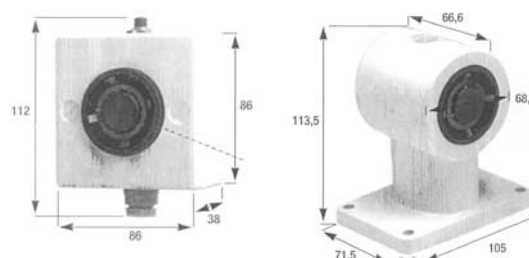
Following cylinders are to be used with lock STEP24SCPL.

Model	Cylinder
55EITE5POLI3LN	interior+exterior adjustable. nickel brass
55EITE5POLI3LT	interior+exterior adjustable. brass
55EIT60POLILN	interior+exterior adjustable. matt nickel
55EIT60POLILT	interior+exterior adjustable. brass
55EIT60POLI3LN	interior+exterior fixed. matt nickel
55EIT60POLI3LT	interior+exterior fixed. brass



Fire doors electromagnetic retainers

Model	Description
CEM50PKITST	Standard white electromagnetic door holder
CEM50PKITB	Heavy duty white electromagnetic door holder
CEM50PKITPIE	Heavy duty white electromagnetic door holder with foot



Activators

Standalone keypad

Mechanical features

- » Zamak tamper-resistant shell with stainless finish.
- » Weatherproof protection with a sealing rubber joint (IP65).
- » Size: 120x76x21mm.
- » Weight: 410 g.
- » Operation temperature: -20°C to 63°C.

Electric features

- » Voltage: 12Vdc-24Vdc; 16Vac.
- » Standby consumption: 20mA (115mA max.).
- » Relay capacity: 2A.

Operation

- » 4-digit numeric code management for a maximum amount of 500 users.



Model
TECLADOEXF

Keypad with a remote control unit

Mechanical features

- » Key pad
 - » Stylized design 38*178*25mm.
 - » Stainless Steel Shell.
 - » Operation Temperature between -30°C and 70°C.
 - » Sealed with resin for use in oxidizing environments.

Control unit

- » Steel Case 152x203x73mm.
- » Operation Temperature between 0°C and 70°C.

Electric features

- » Key pad
 - » Including 3 LED's that operate as mode indicators.
- » Control unit
 - » Relay capacity: 5A.
 - » Voltage: 12Vdc/24Vdc (autoselector).
 - » Standby consumption: 7 mA (12V)/ 20 mA (24V)//max. 160 mA (12V)/190 mA(24V).

Operation

- » 2-7 digit numeric code management for a maximum amount of 59 users.
- » It is possible to memorize up to 59 different from 2 to 7 digits codes.



Model
SCDK26ICS

Activators

Key switch electric boxes

686 / 687

Options

- » 1M: 1 microswitch
- » 1L: 1 micro + luminous indicator.
- » 2M: 2 microswitches.
- » 2L: 2 micro+luminous indicator.

- » 1ME: 1 micro with interlocking.
- » 1LE: 1 micro + light + interlocking.
- » 2ME: 2 micro+interlocking.
- » 2LE: 2 micro + light + interlocking

- » Microswitch: maximum voltage 220 Vac. Maximum intensity 5A.
- » ED Red/Green: maximum voltage 12 Vac.

Model with interlocking

- » When turning the key, it will activate the microswitch and remain fixed.



Option	686 with return	686 interlock
1M	686 SC 1M 220	686 SC 1ME 220
1L	686 SC 1L 220	686 SC 1LE 220
2M	686 SC 2M 220	686 SC 2ME 220
2L	686 SC 2L 220	686 SC 2LE 220

* These part numbers does not include the cylinder.

Model with return

- » Once the key is turning, it activates the microswitch and, later, a spring will prompt the return for removing the key.

Model with emergency stop (686sc2leseta)

- » Unlocking of emergency exits blocked by electromagnetic locks.
- » Press button available instead of "mushroom".
- » Mortise model available.

Model with activation button (686sc2meboton)

- » For opening electrically controlled doors (except electromagnetic)
- » Mortise model available.



Option	686 with return	686 interlock
1ME	687 SC 1M 220	687 SC 1ME 220
1LE	687 SC 1L 220	687 SC 1LE 220
2ME	687 SC 2M 220	687 SC 2ME 220
2LE	687 SC 2L 220	687 SC 2LE 220

Cylinders compatible with the boxes.

- » These boxes require a cylinder 30x10 with the cam placed 90° to the left. Except in the option 1ME with key withdrawal in both positions, where the cam must be placed to 25°.

System	Reference
TE5	T53W 30 10 N
T60	T65W 30 10 N
T80	T85W 30 10 N
TX80	TX8W 30 10 N
T10	T10PW 30 10 N
T12	T12PW 30 10 N
TK100	TKC53010N



Activations

Disconnectors with interlock switch

There are two applications available only by changing the position of the cylinder cam.

1. Cam 90° to the left.

They can be used as energy saving devices in hotel rooms, for example.
The key used to unlock the door of the room will have to remain inserted and turned in the box if the guest wants to use the air conditioned, lights, heating...etc.
This system ensures the electric consumption to the time spent by the guest in the room.
existentes de TESA.

2. Cam to 25° to the left.

Connection and disconnection with key withdrawal in both positions.

Applications:

Installations working by day (the switch closes the circuit) and disconnected by nights (circuit open).

Key switch box with emergency push button

It includes a protector to avoid pushing the emergency button by accident.
When the button is pushed, it breaks the circuit and remains interlocked. To revoke the operation, there has to turn it to the left.

Application:

- 1. Installations provided with electromechanical lock sets.
- 2. Opening of emergency doors controlled electronically.

Model	686	687
Push button + 2 micros + 2 leds	686SC2LE220SETA	687SC2LE220SETA

Microswitch: maximum voltage 220 Vac. Maximum intensity 5A.
LED Red/Green: maximum voltage 12 Vac.



Accesorios

Key switch box with emergency push button

The circuit is opened while someone keeps the STOP button pushed.
Applications: Escalators, automatic doors...etc.
Available models 686 and 687. Optional with two led (red and green).



Model	686	687
STOP with two switches	686SC2MESTOP	687SC2MESTOP
STOP with two switches and 2 led.	686SC2LESTOP	687SC2LESTOP

Microswitch: maximum voltage 220 Vac. Maximum intensity 5A.
LED Red/Green: maximum voltage 12 Vac.
The cylinder is not included (Order separately).

Key switch box with activation button

When the button is pushed the circuit is activated Button: It is a push button switch normally open.
Applications: Electromechanical unlocking...etc.



Model	686	687
Activator with two switches.	686SC2MESTOP	687SC2MESTOP
Activator with two switches and 2 led.	686SC2LESTOP	687SC2LESTOP

Microswitch: maximum voltage 220 Vac. Maximum intensity 5A.
LED Red/Green: maximum voltage 12 Vac.
The cylinder is not included (Order separately).

Adjustable cam single cylinder for electrical boxes.

» Cylinders compatible with the boxes.
These boxes require a cylinder 30x10 with the cam placed 90° to the left. Except in the option 1ME with key withdrawal in both positions, where the cam must be placed to 25°.

Single EURO	Syst.	Reference	Syst.	Reference
	TE5	T53W 30 10 N	T10	T10PW 30 10 N
	T60	T65W 30 10 N	T12	T12PW 30 10 N
	T80	T85W 30 10 N	TX80	TX8W 30 10 N
	IPS	TIPW 30 10 N	TK100	TKC53010N

* The cylinder is not included (Order separately).

Activations

Modular handle with micro

Features

- » Integrated internal micro-switch.
- » Fastening: with bolt - through fixing.

Operation

- » When operating the cylinder, it closes a micro capable of unblocking the door.

Model	Description
MPMS2SCNE	Modular handle with micro
MPMP2SCNE	Modular knob with micro



Panic exit device with a micro

Features

- » Integrated internal micro switch.
- » Fastening: with bolt - through fixing.

Operation

- » When operating the exit panic device, it activates a micro capable of unblocking the door.



Sensitive pull handle

Mechanical features

- » Anodized silver 405mm aluminium bar and black nylon curved support plates.
- » Sizes: Length: 405mm.
Diameter: 35mm.

Electric features

- » Voltage: 12-24Vdc (autoselector).
- » Consumption: 40 mA (12Vdc).

Operation

- » It opens/closes a Relay contact by simple hand contact.
- The SENSORINT internal sensor must be fitted in.

Model	Description
BARVERTPL	Vertical sensitive pull handle without sensor
BARHORIPL	Horizontal sensitive pull handle without sensor
SENSORINT	Inside sensor



Accesorios

Power supply

Application

- » Electric power supply for all kinds of electromechanical, electromagnetic locks and direct current electric strikes.

Features

- » Input installation: 220 Vac/50 Hz.
- » FATEL 12V: 12Vdc/4,5 A:
- » Size: 122 x 60 x 35mm.
- » Connector wire equipped with earth connection.
- » Including support for installation.



Model	Description
FATEL 12V	Power supply

Transformer

Application

- » Electric power supply for electric strikes and low consumption electromechanical locks.

Features:

- » Input installation 220Vac/50 Hz.
- » Output voltage 12Vac/0,5A.
- » Sizes: 79 x 44 x 32mm.
- » Internal fuse.
- » Weight: 0,325 Kg.



Modelo	Descripción
TRFCERBIT	Transformer 12Vac

Battery and charger

Application

- » It guarantees the electric supply for the control unit, the motorized bars, the electromechanical and electromagnetic locks, in case of power cuts.

Operation

- » The charge of the battery is automatic, with stabilized tension that prevents overload and low temperature, and electronic protection against polarity inversion.

Features

- » Painted steel shell.
- » Input voltage: 230Vac/50 Hz
- » Output voltage: 12vdc/3,5 A
- » Energy consumption: 50 VA
- » Equipped with luminous indicators in case the load level goes under 11 Vdc, or in case energy is being received from the electric installation.11Vdc



Model	Description
BT12DC35A	Power supply 12 Vcc 3.5A with supporting battery

Power transfer door loops

Application

- » It enables the electric contact between those devices installed in the leaf and the frame of the door.

Ref. PASCBABL1 (mortise wiring duct).

- » Chrome steel body and guiding spring for the lodging of the wire. It is possible to place the base in both the leaf and the frame.
- » Size of the body: 267 x 25 x 15 mm.
- » Size of the spring: 150 x 14 mm diameter.

Ref. PASCBABL2 (mortise wiring duct for doors with an opening angle wider than 90°)

Ref. PASCAB00S (rim wiring duct)

- » Chrome steel guiding spring and two support bases to be installed in the leaf and the frame.



Model	Description
PASCAB00S	Rim door loop
PASCBABL1	Mortise door loop
PASCBABL2	Mortise large door loop

Electromechanical solutions



The Locking Electromechanical Solutions presented by TESA in this catalogue have taken into account every requirement with a view to developing an all-encompassing range of applications. From the simplicity of an Electric Strike

to the complexity of a Motorized Lock, TESA's Electromechanical Solutions allow to cover a wide range of locking needs in a wide variety of environments: residential, industrial, banking, museums, hospitals...

Electromechanical solutions

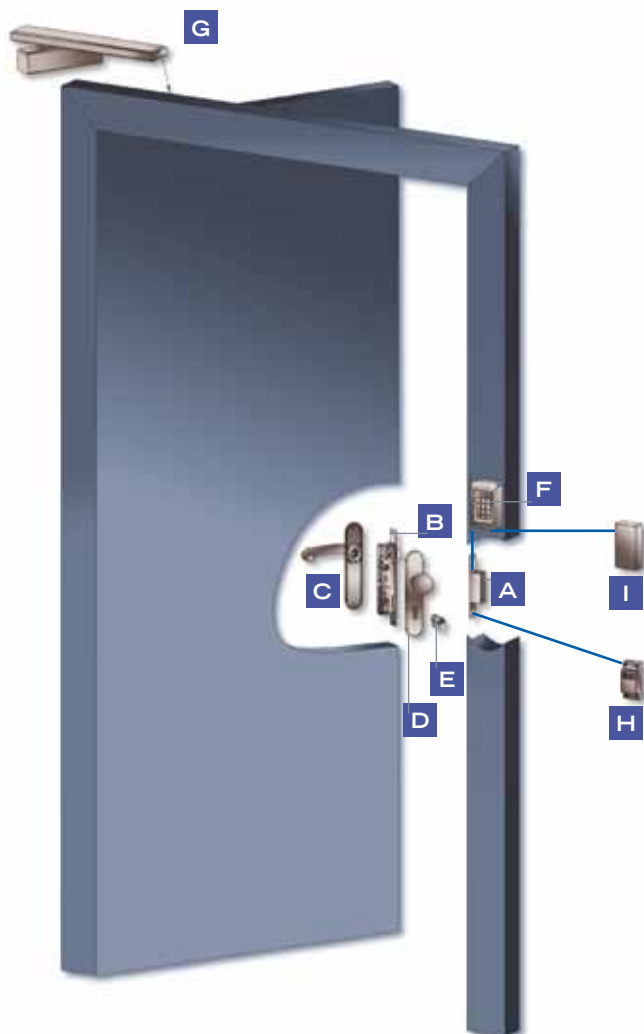
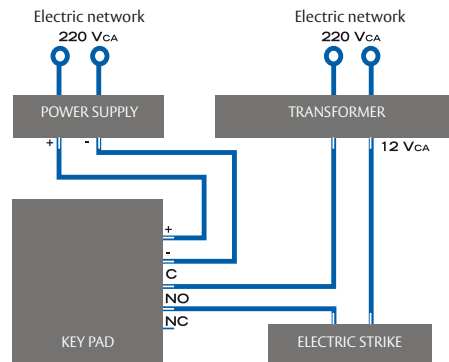
Traffic control

Applications

- » Continuous Access Doors (Main Entrances, Access Doors to Offices, etc.) or sporadic access (warehouses, etc.), both requiring a high security level.

Basic operation

- » From the Inside, the Handle (C) allows to remove the Lock's latch, opening the door.
- » From the Outside, the Electric Strike (A) is freed when introducing the access code in the Keypad/Reader (F), allowing the door to open.



Electric strike

A

CERNORCIN

Lock

B

2219XXAI

Internal handle

C

MS5L800IS16

External pull knob

D

MSTF885IS16

European half cylinder

E

M8503010N

Standalone keypad

F

TECLADOEXF

Doorclosers

G

CT220023IM

Transformer

H

TRFCERBIT

Door loop

I

FATEL12V

Electromechanical solutions

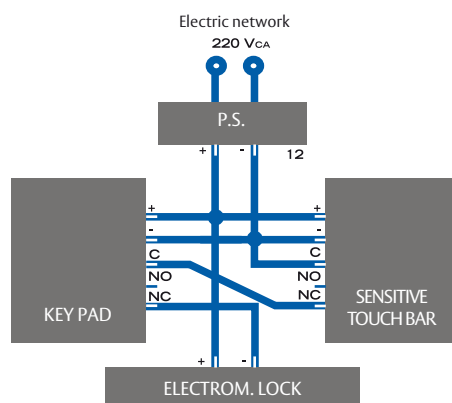
High security traffic control with an electromagnetic lock

Applications

- » Continuous Access Doors (Main Entrances, Access to Companies, Bank Branches, Jeweller's Shops) or sporadic access (Warehouses, Archive Rooms, etc.) requiring a high security level.

Basic operation

- » From the Inside, a slight touch of the hand with the Sensitive bar (B) allows to deactivate the Electromagnetic Lock (A) and open the door.
- » From the Outside, the Electromagnetic Lock (A) is deactivated when introducing the access code in the Keypad/Reader (C), allowing the door to open.
- » In order to guarantee security in case of a power cut, the supply must be connected to an uninterrupted power device, BT 12-DC35A



Sensitive touchbar

B



Standalone keypad

C



Doorclosers

G



Power supply

E



FATEL12V

Mortise door lop

F



PASCBABL1

Electromechanical solutions

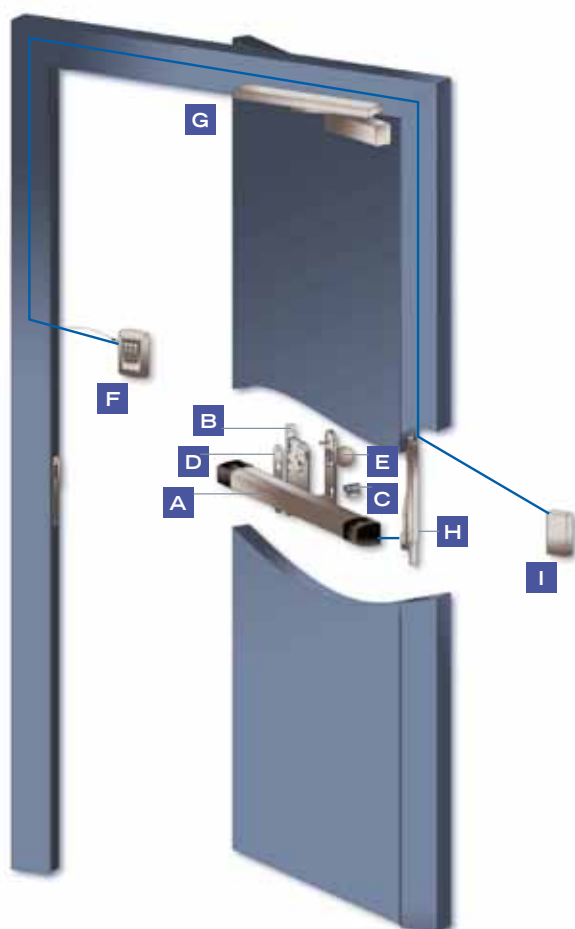
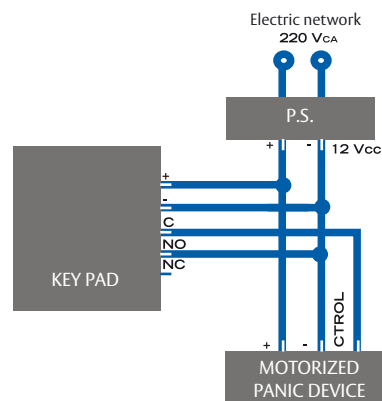
Exit way with an electrically controlled external access Without handle

Applications

- » Outwards Exit Ways in Hospitals, Stadiums, Shopping Malls, Museums, Airports, Cinemas, etc.
- » Particularly in those places in which discreet fitting elements and a stylized aesthetic are required.

Basic operation

- » From the Inside, the Exit Panic Device (A) will always allow to mechanically remove the latch of the Lock (B) and open the door.
- » From the Outside, when introducing the access code in the Keypad/Reader (F), the Motorized Exit Panic Device removes the latch of the Lock (B), allowing the door to open.



Exit panic device of the TOP

A



TOP1E00XXI

Certified lock

E



4039TXXXXI

European semi cylinder

F



TX853010N

Internal plate

E



E1670INIS

External pull knob

F



TTF85IS16

Standalone keypad

E



TECLADOEXF

Doorclosers

F



CT220023IM

Mortise wiring duct

E



PASCABL1

Power supply

F



FATEL12V

Electromechanical solutions

Exit way with an electrically controlled external access With handle

Applications

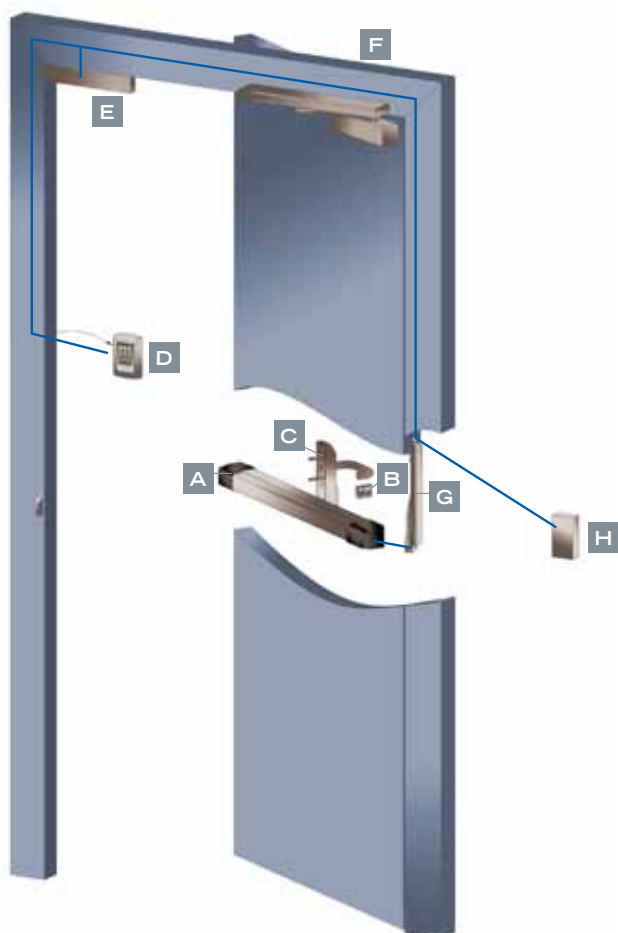
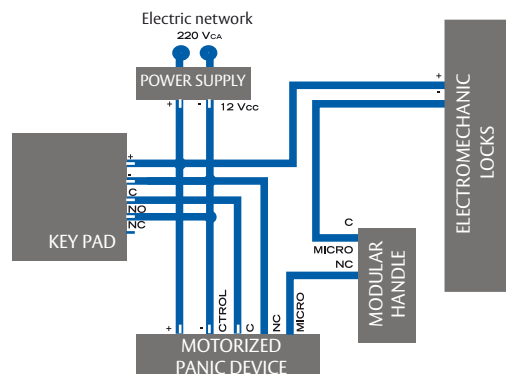
» Outwards Exit Ways and access control in Hospitals, Stadiums, Shopping Malls, Museums, Airports, Cinemas, etc., particularly in those places in which discreet fitting elements and a stylized aesthetic are required.

Basic operation

» From the Outside, when introducing the access code in the Keypad/Reader (F), the Motorized Exit Panic Device removes the latch, allowing the door to open.

- » From the Outside: there are two possible ways to operate:
- When introducing the access code in the Keypad/Reader (F), the Motorized Exit Panic Device (A) removes the latch and frees the Electromagnetic Lock (E), allowing the door to open.
 - The electronic key allows the use of the electronic cylinder (B) and the unblocking of the Modular Handle's lever (C), thus allowing the removal of the Exit Panic Device's latch (A) and the deactivation of the Electromagnetic Lock (E).

» In order to guarantee security in case of power cut, the power supply must be connected to an uninterrupted supply device.



Exit Panic Device of the TOP

A



TOP1SMT84I

Electric semi cylinder

E



STAXE535E10NM

Modular handle

F



MMPP2SCSA

Standalone keypad

E



E1670INIS

Electromagnetic lock

F



TTF85IS16

Doorclosers

E



CT220023IM

Mortise wiring duct

E



PASCABL1

Power supply

F



FATEL12V

Notes



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ASSA ABLOY is the global leader in door opening solutions,
dedicated to satisfying end-user needs for security, safety and convenience.