

SOLUTIONS CATALOGUE



2019

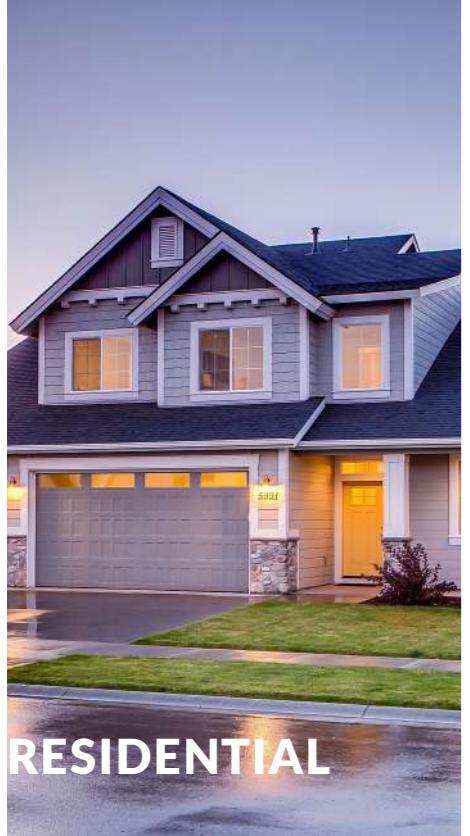


OPENERS & CLOSERS®
Secure locking solutions

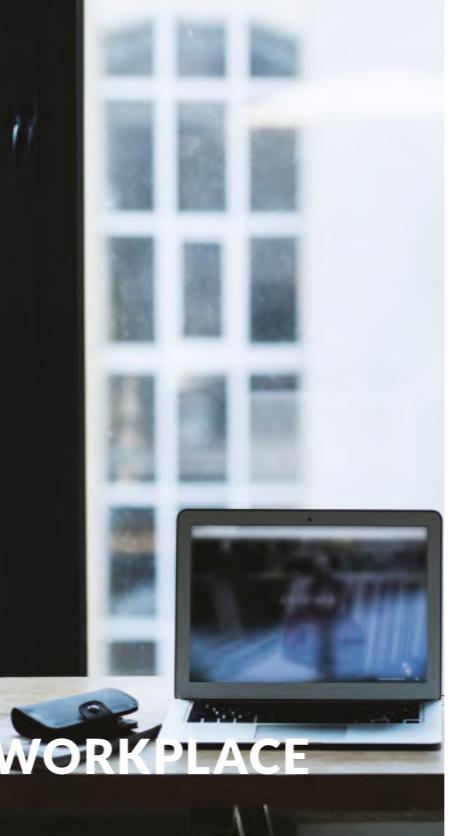


STANDARD

Solutions for doors up to **200 KG** that are made with **wood, metal, plastic, fiberglass** and **tubular frame profiles** and **solid leaf profiles**. Typical areas of use are: front doors in single and multi-occupancy houses, property doors without relevant security function, entrance doors in office and business premises.



RESIDENTIAL



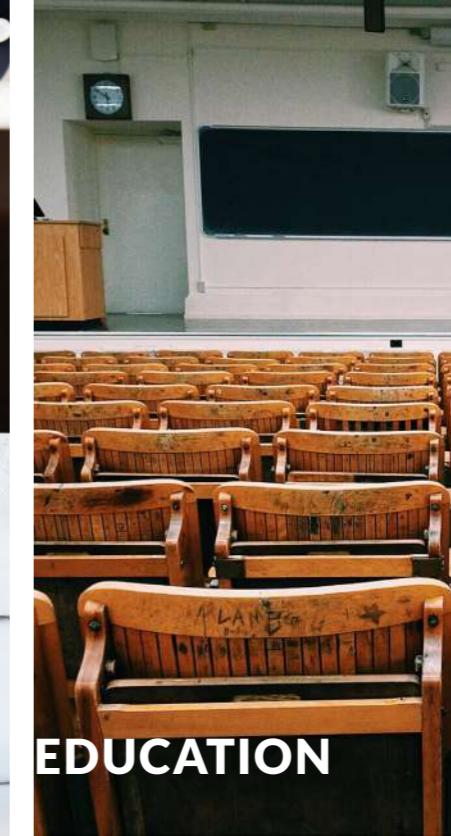
WORKPLACE



RETAIL



HOSPITALITY



EDUCATION



LIBRARY

OUR RECOMMENDED SOLUTIONS

ELECTRIC STRIKES SERIES 3

- Fail-safe
- Fail-secure
- Hold-open



3



3D

Our **SERIES 3** has a **symmetrical** build and **tinier box**, which makes it suitable for **any door**. A brilliant system of internal levers provides a **safe and durable unlocking** for doors in public use. Plus, our **SERIE 3D** includes a pin selector to configure the **desired voltage** (dual function).



5



5U



5E

SERIES 5

- Fail-safe
- Fail-secure
- Hold-open

HEAVY WEIGHT

This type of door requires solutions that its constructions are all alloy **ZAMAK**, making them ideal for **high abuse applications**. Solutions that are made for **strength and corrosion resistance**.





MUSIC STUDIO



CRUISE



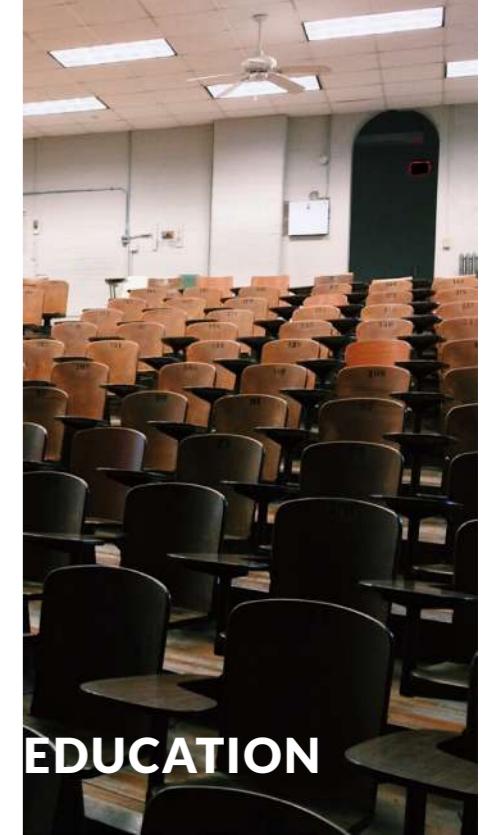
THEATRE



MUSEUM



WAREHOUSE



EDUCATION

OUR RECOMMENDED SOLUTIONS

ELECTRIC STRIKES SERIES 8

- Glass
- Metal
- Wood



FALTA RENDER



FALTA RENDER

Ideal for heavy and high-security doors! A larger span of the electric strike ensures **instant blocking** of heavier doors. ADD + TEXT

NEW





SECURITY

To **protect your door** from unwanted visits and this way your home, family and business against burglary you should invest in the security of your door.

Conventional doors can be broken open within seconds using a simple lever. Our solutions **prevent violent entry** and thus **protect you against financial loss or the loss of intellectual property**.

AREAS OF APPLICATION



RETAIL



RESIDENCE



DATA CENTER



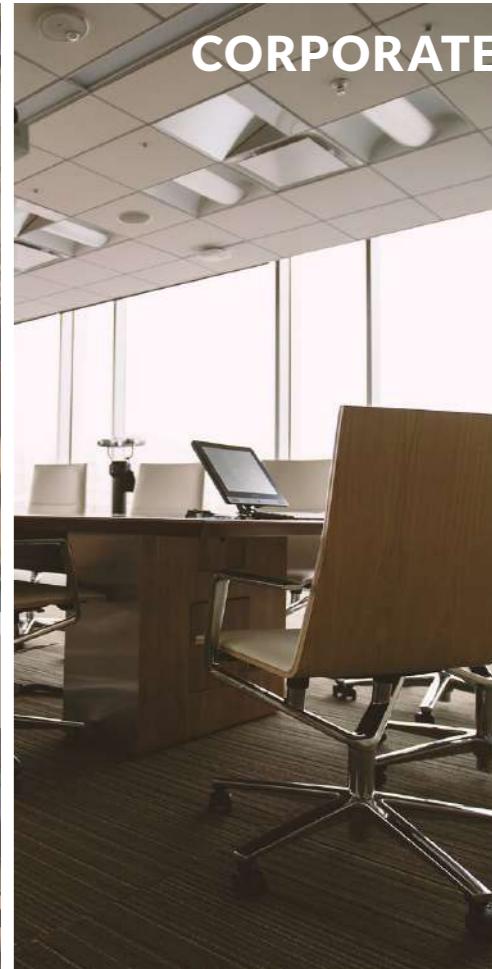
BANK



GOVERNMENT



CULTURAL



CORPORATE

OUR RECOMMENDED SOLUTIONS

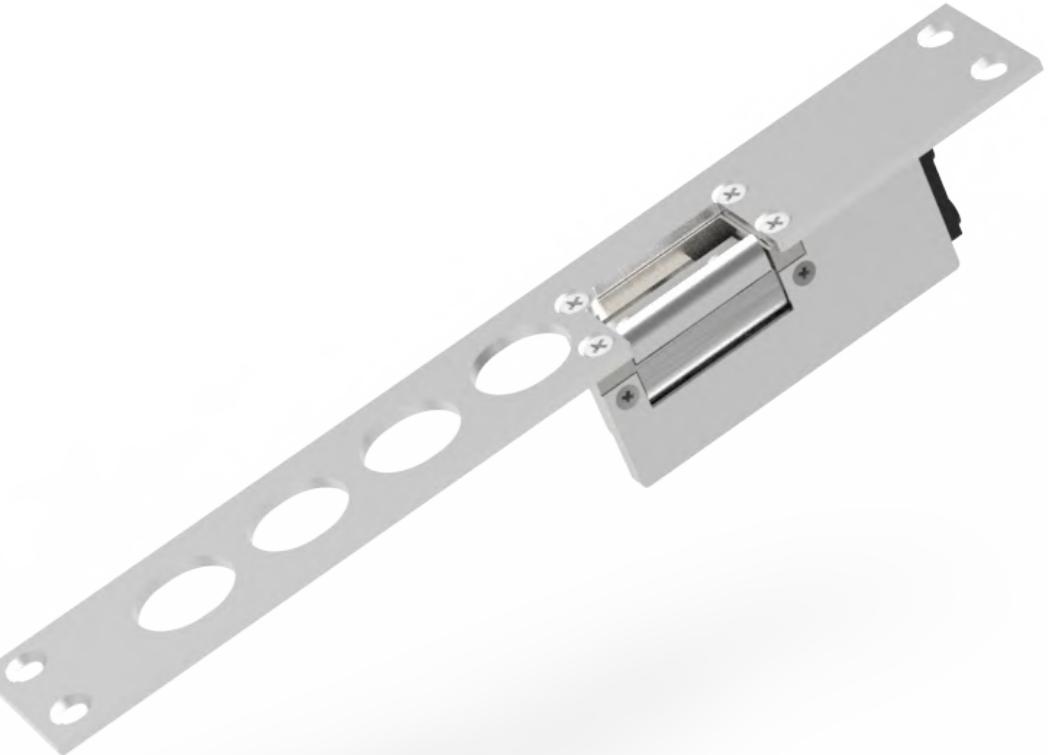
ELECTRIC STRIKE SERIE 9

- Aluminium
- Wood
- PVC

With a break-in resistance of 4.000 N our **SERIE 9** was developed for armoured doors with **multipoint bolt locks**. We want to ease accessibility of heavy doors with robust locks. The end of the box is **curved** so the separation between lock and the first bolt is only **5 mm**. This electric strike can offer **fail-secure, hold-open and fail-safe** functions.



INTERNAL HOLD-OPEN
WITH MECHANICAL UNLOCKING



GLASS

Glass doors requires solutions that ensures a **gentle closing and locking action, preventing the door to damage** (bulit-in shock absorbing). Our solutions has been created based in the latest technologies, to achieve a perfect balance between quality and aesthetics. Providing flexibility to any building that requires to operate secure in an increasingle changing environment.



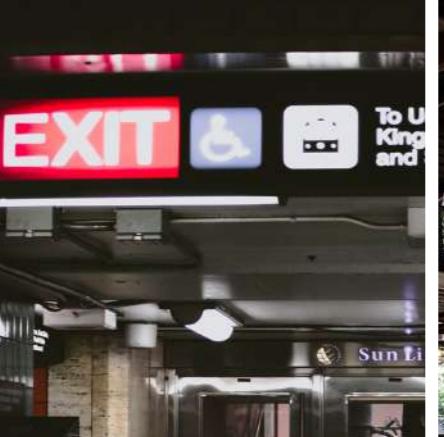
AREAS OF APPLICATION

GLASS DOORS SOLUTIONS

22



INDUSTRIAL



TRANSPORTATION



HOSPITALITY



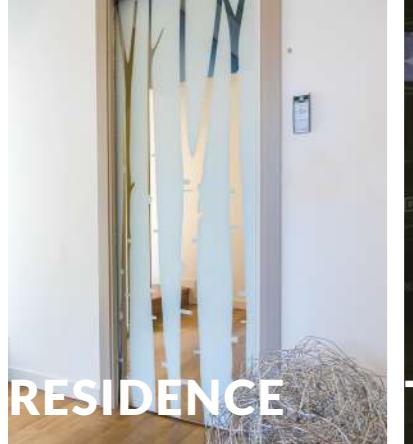
CULTURAL



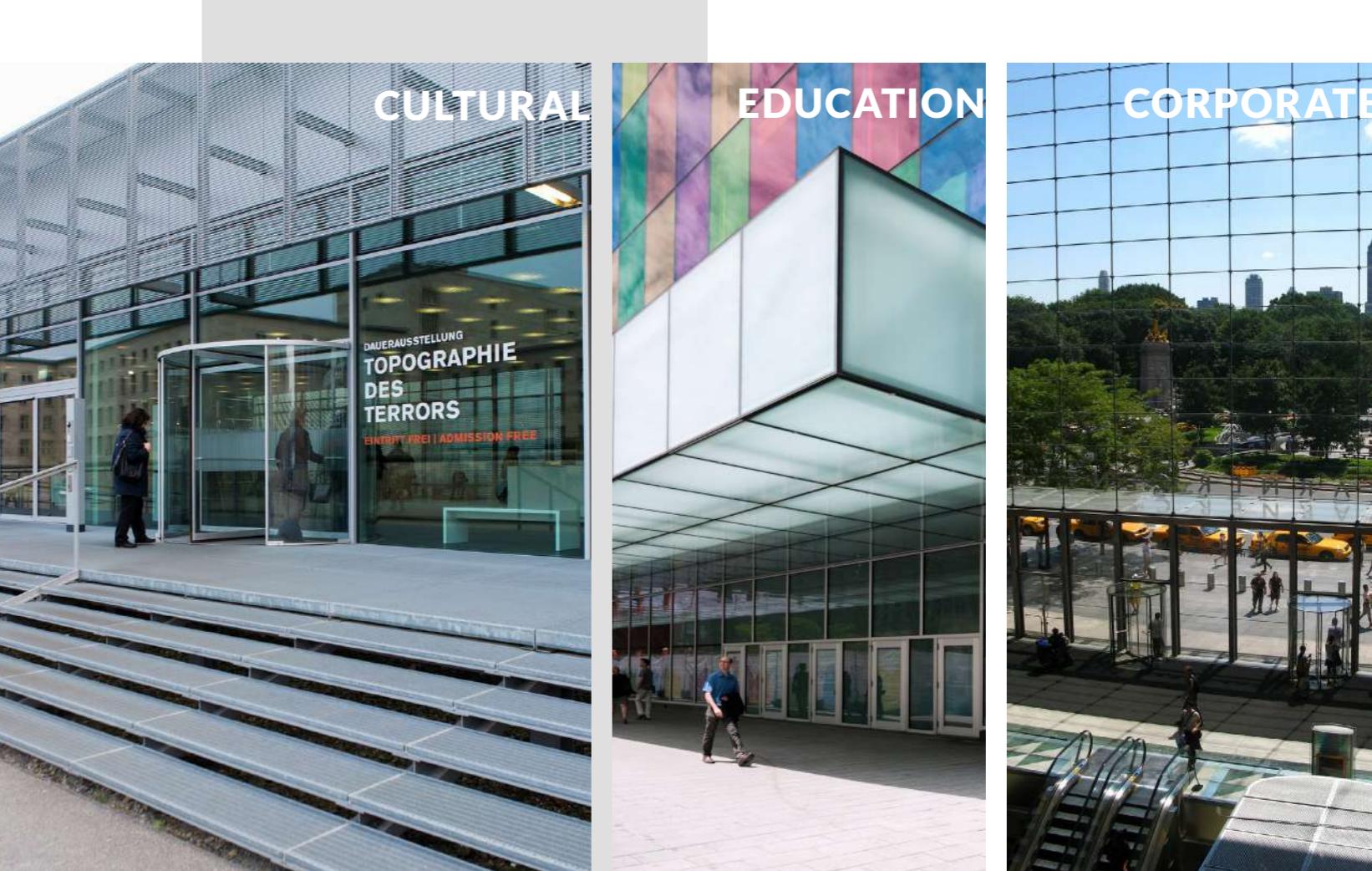
EDUCATION



CORPORATE



RESIDENCE



OPENERS & CLOSERS

23

OUR RECOMMENDED SOLUTIONS

ELECTRIC STRIKES SERIE 8G

NEW

With a break-in resistance of xxx N our **SERIE 8EF** **protects people's lives** by withstandig temperatures up to **xx°C**
for xx minutes.

OUR RECOMMENDED SOLUTIONS

ELECTROMAGNETIC LOCKS SERIES ME, MEX & SH

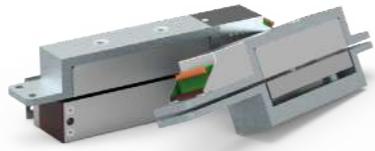
26



ME210



MEX430



SH200 SH500

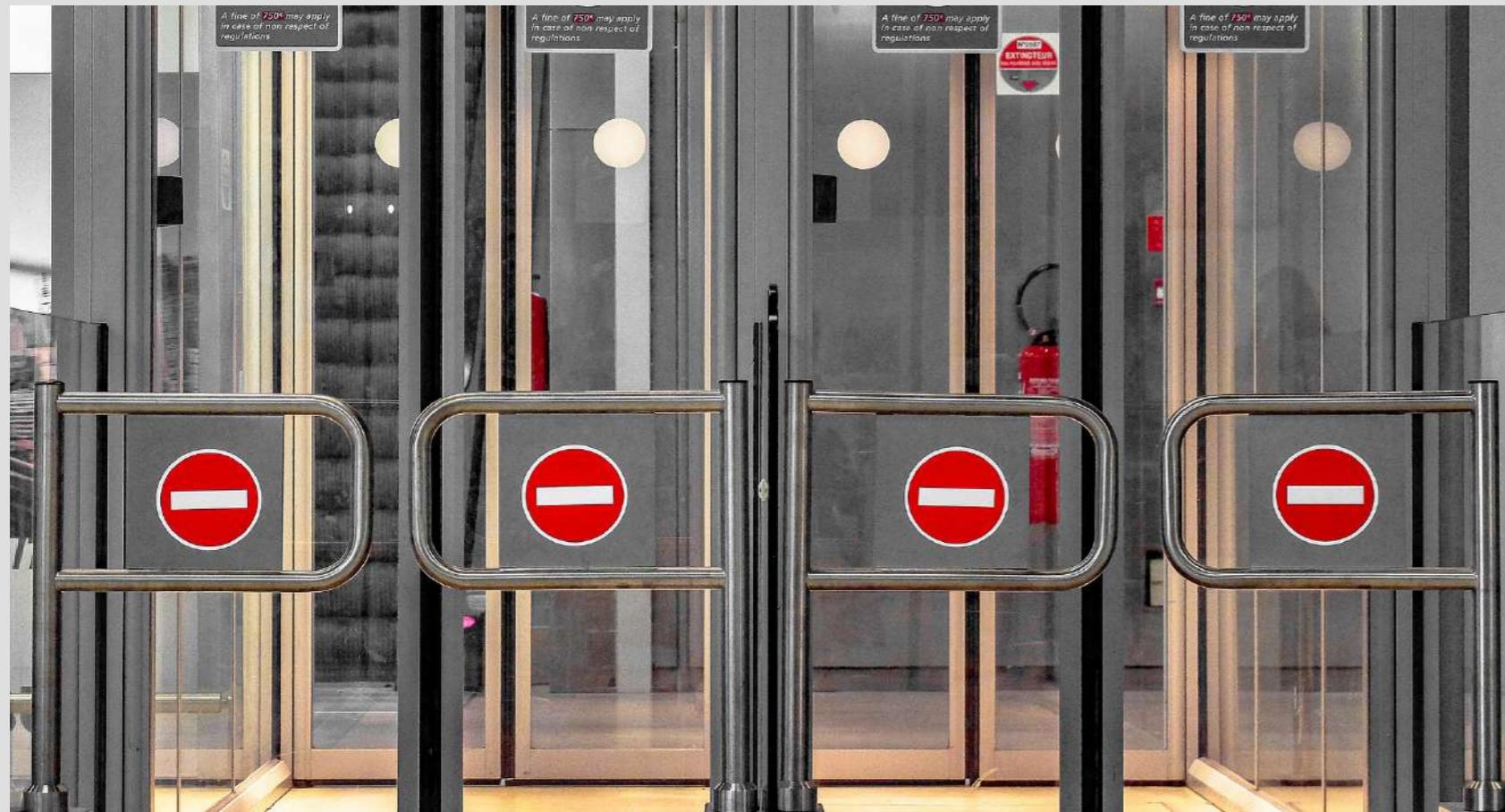
OC890
FAIL-SAFE

ELECTRIC LOCK SERIE OC

27

Maglocks are popular among our customers for its **effortless installation, durability and trustworthiness**. They consist of a powerful **electromagnet** mounted on the door frame and a **counterplate** mounted on the door. In order to prevent damage to your glass door the counterplate has to be installed using a **U-shaped bracket**. Once activated the electromagnet holds fast to the counterplate and the door remains closed. Two **LED's** informs at a glance whether the electromagnetic lock is open or closed.

The **minimalist design** of the electric bolt lock with a strong steel housing makes it an **elegant** and **easy to install** series. We offer the **OC890** for glass doors in both vertical and horizontal formats. A good choice for simple and **economical** solutions.



INTERLOCKING

The most important feature a door system can have to **prevent contamination** is an interlocking system.

An interlock comprises two doors, each opening into a separate space, with an airspace between them. The functional concept of an interlock is to **prevent two doors from being opened at the same time**, therefore preventing air from passing from one space directly into the other. This type of door requires that each one of them should be equipped with a **position switch** and an **electrically controlled locking device**.



AREAS OF APPLICATION



HOSPITAL

LABORATORIES

FOOD INDUSTRY

JEWELRY SHOP

FINANCIAL

GOVERNMENT

OUR RECOMMENDED SOLUTIONS

ELECTRONIC STRIKES SERIES 5E & 8E

- Metal
- Wood



5E FAIL-SECURE

FALTA RENDER 8E FAIL-SECURE
WITH MONITORING
NEW

After years of research and creative effort we present the **first electronic strike** on the market. Specially designed to **adapt to any access control system: simple and unique**. Sometimes electric strikes are an alternative to bar magnets for locking doors. In combination with an interlock control system you have to use an electric strike being unlocked without current.

ELECTROMAGNETIC LOCKS SERIE ME

- Metal
- Wood



ME440

We have developed the **thinnest electromagnetic lock** on the market. With only 30mm width it fits on the most sophisticated of your interior decoration **without losing holding force**. Not only is the **Serie ME** the smallest, it's also the most **sensible to unwanted intruders**, being able to detect the smallest tampering attempts. A **magnetic contact** is required to detect that the **door is aligned and then powered** (You can check the **SERIES CM**).



In extreme situations such as a fire, **doors should remain closed** to seal off a portion of the space and help reduce spreading of the fire.

With our **fail-secure** function, if the power is interrupted or fails, **the door stays locked**. Furthermore, we also offer the **fail-secure with monitoring** function, which provides information about the status of the door and the position of the internal levers, to ensure there is **no possible external manipulation** of the electric strike.

FIRE



RECREATION/
CULTURAL



WORKPLACE/
INDUSTRY



EDUCATION



HOSPITALITY



HEALTH CARE



TRANSPORT

OUR RECOMMENDED SOLUTIONS

ELECTRIC STRIKES

SERIE 8EF

- Metal
- Wood



FAIL-SECURE

FAIL-SECURE
WITH MONITORING

With a side-load up to **500 N** and **clamps on both sides**, our **SERIE 8EF** protects people's lives with a fire resistance of **120 minutes**. This electric strike is available in **10-30V DC** and **12-24V AC/DC**.



SERIES 5F, 5UF & 5EF

- Metal
- Wood



FAIL-SECURE

FAIL-SECURE
WITH MONITORING

FAIL-SECURE

FAIL-SECURE
WITH MONITORING

If your door requires an **extra layer of protection**, we have the **5EF** which includes a microprocessor that unlocks the door from 6 to 28V AC / DC, while increasing the side-load up to 400 N. This powerful chip is also responsible for **controlling the temperature** of the electronic strike so it doesn't exceed 40 °C.

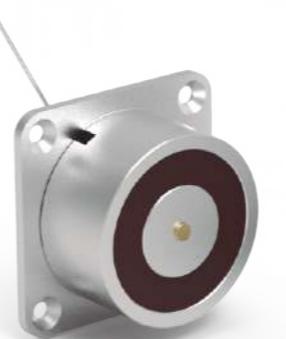
DOOR HOLDERS

SERIE DH

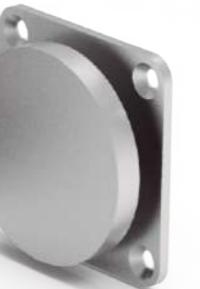
- Metal
- Wood



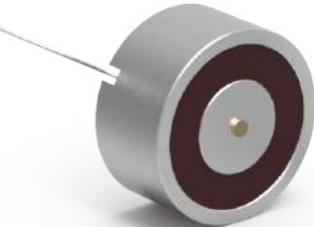
DHT with timer



DHS basic



DHI industrial

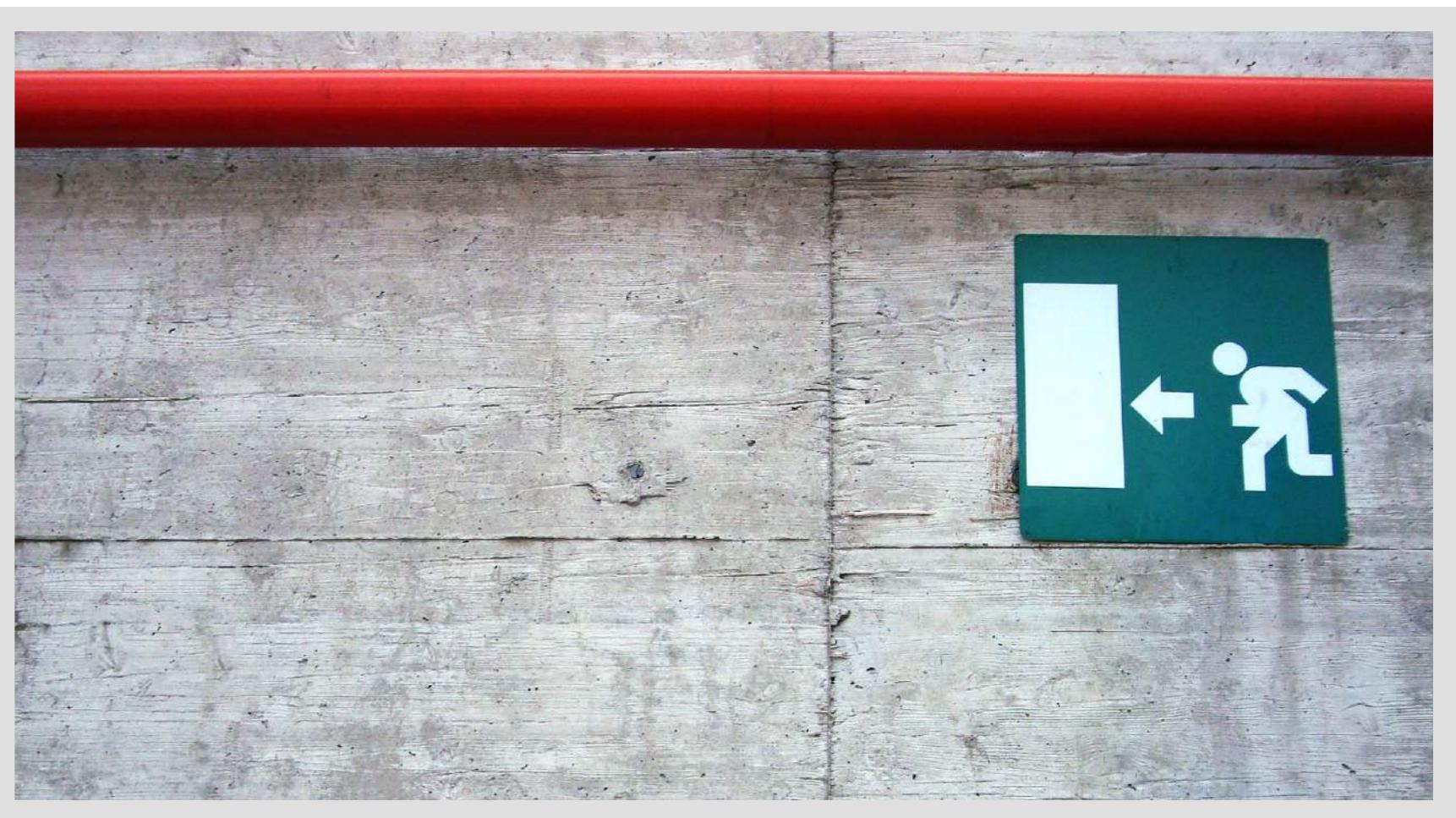


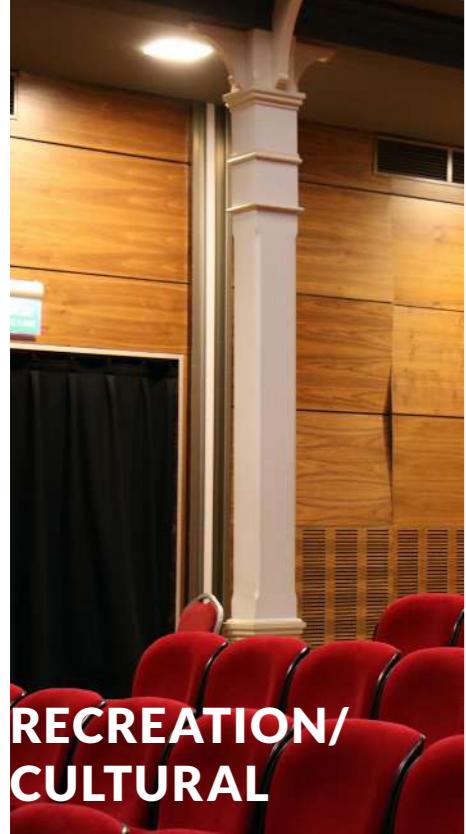
Our **SERIE DH** was designed to be used on **self-closing swinging doors** to automatically isolate an area when **activated by fire alarm**, smoke detection or sprinkler systems. These doors are heavy fire-blocking doors that are kept open and closed only during emergencies. To add an extra layer of safety magnetic door holders have a holding force of **600 N** and a manual red switch which allows for instant closing of the doors.

EMERGENCY

Nowadays, public buildings and most industrial, administrative and commercial premises need to **secure their goods and individuals**. O&C provides various solutions for emergency exits, allowing for a **safe and efficient evacuation** in panic and emergency situations.

Emergency exits are very often used in **fire protection** sections. If automated doors need to provide complex functions in escape and rescue routes, a system solution from a door control unit offers an electronic locking element, such as for example emergency exit locks or emergency exit electric strikes and a panic lock (also called anti-panic locks). This guarantees both **protection against unauthorised access** on the one hand, and **free access for fleeing people in the event of a hazard** on the other hand.





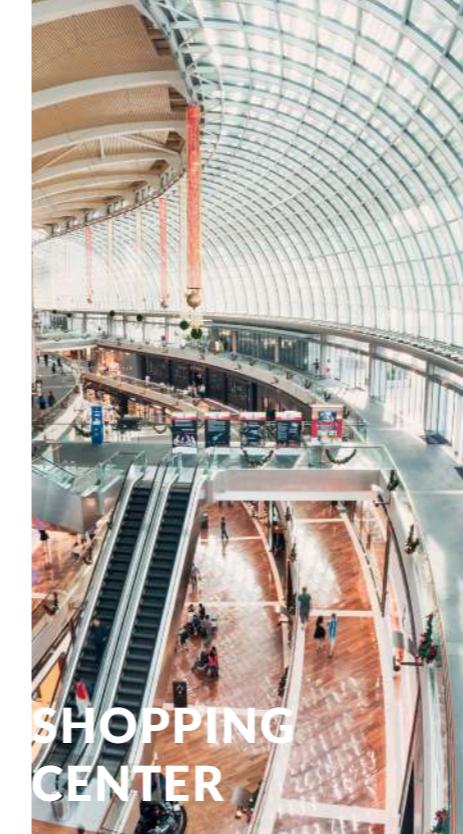
RECREATION/
CULTURAL



CORPORATE



EDUCATION



SHOPPING
CENTER



HOSPITAL



AIRPORT

OUR RECOMMENDED SOLUTIONS

ELECTRIC STRIKES SERIE 6

- Metal
- Wood



FAIL-SECURE

FAIL-SECURE
WITH MONITORING

NEW

With a break-in resistance of xxx N our new **SERIE 6** secures people's lives by withstanding temperatures up to xx°C for xx minutes.



ELECTRIC LOCKS SERIE A1

- Metal
- Wood

Our **SERIE A1** is designed for regular use and a simple opening. It's electronic and accredited with the certificate **EN179**: Emergency devices operated by a handle with a push button for emergency exits and **EN1125**: Antipanic device for emergency exits emergency operated by a bar horizontal.

ELECTROMAGNETIC LOCKS SERIES ME & MEX

- Metal
- Wood



Our **SERIES ME & MEX** uses a strong, electrically powered **electromagnet** to hold the **door closed**. If the power fails, or is interrupted by an emergency alarm signal, the magnet loses power and releases the door which can then be opened. The door can usually only be released by pressing a button on the inside of the building, although external keypad overrides are available.



ACCESORIES SERIES AN

Our **antipanic devices** (**SERIES AN**) facilitate the safe evacuation of people in case of emergency. Furthermore, the panic bars must comply with current regulations **EN 1125** and unlock the doors easily and instantaneously. All the mechanisms of an antipanic bar, guarantee a **safe evacuation process** with an **elaborate design**.



OPENERS & CLOSERS®
Secure locking solutions

OPENERS AND CLOSERS S.L.

Calle Agricultura 17 (Nave 12), 08980 Sant Feliu de Llobregat, Barcelona, Spain.

OPENERS-CLOSERS.COM | Phone 0034 93 408 05 15 | sales@openers-closers.com