ERREKA AUTOMATIC DOORS

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- SWING model

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- BIRA E23 model
- BIRA KRYS TAL E71 model

CURVED DOORS
- C25 and C50 models

ACCESSORIES
ERREKA ADSF UK LTD is one of the four business units within Matz-Erreka S. Coop., a cooperative belonging to Grupo Mondragón (www.mcc.es), which is one of the leading groups in Europe with a staff of over 75,000 employees, and with 15 technology centres, one university, and more than 130 international deployments.

ERREKA Automatic Doors is one of the main manufacturers in the sector and it is the company with the highest levels of growth, its commercial network today spreads throughout Spain with 8 branches. Abroad, the company has its own branches settled in Mexico, UK, Belgium and the Netherlands, and cooperates with national and local distributors of different countries.

ERREKA Automatic Doors offers a wide range of solutions for the automation of entrances for persons. It offers a comprehensive service, interacting with the client throughout the process. ERREKA’s raison d’être is innovation and excellence in the service provided to our clients, therefore offering a wide technical and commercial network which enables the client to receive advice before, during and after the installation, and to be able to arrange for maintenance service and use its technical support service.

ERREKA Automatic Doors are equipped with the most advanced security and control systems, guaranteeing optimum operation and observance of standards. A high level of technology and quality enables us to achieve a perfect solution both in terms of the technical aspects and aesthetics, and one of our key principles is to ensure energy efficiency for our clients.

The quality and occupational health and safety systems are endorsed by ISO 9001 and OHSAS 18001 certification, respectively. Furthermore, Matz-Erreka, for its Ibarretx plant, has been awarded ISO 14001 certification in relation to its environmental management.
All of our resources at your disposal

Advice.

- Our commercial team is highly qualified and committed to advising the client on the solution that is best suited to their requirements.

Personalised production and record delivery time.

- We manufacture automatic doors, create systems, develop the engineering and adapt the products to your requirements.

- We are the No.1 Company in Europe in operator delivery times from our headquarters in Spain for operators and frames orders, due to our manufacturing system and to the intrinsic modular nature of our product.

Transport to your facilities.

- Due to the synergy we enjoy within the Mon- drón group, we manage deliveries efficiently to our customers’ address.

Assembly and Installation.

- We have our own highly-qualified staff and an extensive network (the largest in the sector in Spain) of approved installers.

Sales / Service 01275 871787

- Rapid response maintenance teams at your service when you need them.

- Advice on works, continuous training for approved installers, technical assistance and equipment maintenance.

Sales / Service 01275 871787
The SLIM 20 model has been designed to provide entrances with a modern and functional appearance, without losing strength. It complies with the new European standard EN 16361. This is the perfect model for entrances where it is necessary to keep average sealing levels while keeping a clear view of the interior, where glass is the main element, as the fine measurements of the vertical and horizontal profiles of the frame are 20 x 26 mm and 20 x 55 mm, respectively. This model is recommended for all kind of entrances that are in direct contact with the street, such as chemists’, restaurants and shops.

This model is very easy to install because it uses the same profile for the frame, guide and housing functions necessary for coupling the moving leaves. The assembly of frames is made through angle joints, thereby making fitting easier. The structure is fitted with an overlapped cover profile that is fixed by crimping.

This frame can be used with glass from 4+4 mm to 6+6 mm with U-shaped rubber glass seals for each thickness. This therefore guarantees that the glass is firmly secured in all cases.

The rubber seals between the leaves make the frame completely airtight. Where there are only moving leaves, an overlapping frame is provided which is fixed to the wall and to which the weather strip is applied to make them completely airtight.
### SLIM 20 PROFILE

**Free passage (PL)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Leaves</th>
<th>Finishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLIM 20</td>
<td>1 moving + 0 fixed</td>
<td>Lacquered: all RAL colours.</td>
</tr>
<tr>
<td></td>
<td>2 moving + 0 fixed</td>
<td>Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing.</td>
</tr>
</tbody>
</table>
SLIDING DOORS

ERTAIN COMPACT model

The COMPACT model is designed to offer the highest performance in terms of airtightness and robustness, whilst paying attention to the aesthetics. It is the ideal model for entrances with a high traffic flow and through which people are carrying shopping trolleys or suitcases (airports, train stations, supermarkets). This model is fitted with an overlapped profile that drastically reduces the amount of air that passes through the door when it is closed.

The COMPACT model allows for all kinds of glass to be fitted (from Stadip to glass with an air chamber) and as with the whole ERREKA range, fitting is extremely simple (snap-in system) thus improving the delivery / assembly time.

The frame measurements are 45 mm (width) x 53 mm (height).

The guide is manufactured in wear-resistant material and with a particularly low friction coefficient. As the door opens, the seal also has a rounded overlap which reduces the possibility of damage due to catching. For the sealing of moving leaves, it also has a frame with rounded edges and a brush seal, thus making it more airtight and secure. The snap-in profile system used also enables the automation and frames to be installed first, inserting the glass afterwards. This simplifies the process, thus saving on labour and time.

We also supply the COMPACT SENDO supplementary range, which dimensions (45 x 68 mm) that provide the structure greater strength.

For you, we open the doors.
**COMPACT PROFILE**

T = 2 x LUP + 210

<table>
<thead>
<tr>
<th>OPERATORS</th>
<th>NUMBER OF LEAVES</th>
<th>FINISHING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global</td>
<td>1 moving + 0 fixed</td>
<td>Lacquered: all RAL colours.</td>
</tr>
<tr>
<td></td>
<td>2 moving + 0 fixed</td>
<td>Anodized finishing: silver, bronze, black, matted gold, titanium and special anodized finishing.</td>
</tr>
<tr>
<td>Ertain</td>
<td>1 moving + 1 fixed</td>
<td>Inoxidable: perfil especial 40 mm x 32 mm</td>
</tr>
<tr>
<td>Telescopic</td>
<td>4 moving + 0 fixed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 moving + 2 fixed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 moving + 1 fixed</td>
<td></td>
</tr>
</tbody>
</table>
The PANIC BREAK OUT push system, by transforming the sliding door into a swing door, allows for the maximum opening possible to enable pedestrians to pass through freely in the event of an emergency.

This model is highly recommended for any kind of entrance with a large flow of traffic and which requires people to be evacuated rapidly, in addition to having an added value at entrances where large spaces are required at specific times for traffic flow, such as car dealers, for instance.

The PANIC BREAK OUT model has two options: the integral panic system, with a swing opening of all leaves (fixed and moving) and the moving leaves option which, as its names suggests, only allows these leaves to turn into swing doors.

The frame is 45 mm (wide) x 76 mm (high), which added to the metal fittings which allow for folding, make the whole door very robust, thus ensuring the safety of the user should the doors be pushed in the event of an emergency.

It includes overlapping frames and sealing to ensure airtightness.

The glazing is snapped in and allows for the installation of glass panes from 3+3 to 6+6 mm.
NUMBER OF LEAVES
2 moving + 0 fixed
1 moving + 1 fixed
2 moving + 2 fixed

FINISHING
Lacquered: all RAL colours.
Anodized Finishing: silver, bronze, black, matted gold, titanium and special anodized Finishing
The features of the Ertain operator model are adaptable to different installation requirements. It is designed for heavy traffic flow situations both for large facilities (supermarkets, hotels, airports, hospitals...) and medium and small facilities (offices, chemist’s shops, restaurants, points of sale...). The main features of this model are silent opening / closure movements, dynamic stability and easy and quick installation.

SAFETY AND RELIABILITY
The ERTAIN System control panel, as it’s big brother version the Global System, is fitted with the latest electronic features for the control and safety of the unit. This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE, and 2006/42/CE. It also complies with the European Standard EN 16005.

EASY INSTALLATION AND MAINTENANCE
The difference between the box profile and motorisation profile makes the door fitting easier, thereby allowing for a single technician to carry out the installation works. The three wheel carriers are designed so they are interchangeable with each other, thereby reducing the total costs and ensuring the constant operation of the door. Thus, an extra wheel is always available.

FEATURES AND ADVANTAGES
• Modular and versatile (it has the same box profile as the Global System).
• Adaptable to all types of 50 mm wide profiles.
• Quick installation system for the box profile operator by means of a special nuts system.
• Extremely strong carrier fitted with three nylon wheels guided between safe tracks that prevent derailment.
• Motor force control system with automatic reversion for users’ safety.
• Battery powered anti-panic opening system (in case of power supply failure).
• Simple mechanism that makes maintenance tasks easier.
• PC connection for a centralised door control or programming.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>OPERATOR 1450</th>
<th>OPERATOR 3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (1 leaf)</td>
<td>750 - 1150</td>
<td>700 - 3000</td>
</tr>
<tr>
<td>Free passage (2 leaves)</td>
<td>1100 - 2300</td>
<td>1000 - 3000</td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>80 + 80 kg</td>
<td>80 + 80 kg</td>
</tr>
<tr>
<td>Maximum weight per leaf (1 leaf)</td>
<td>120 kg</td>
<td>120 kg</td>
</tr>
<tr>
<td>Opening speed</td>
<td>0,4 m/s - 0,7 m/s</td>
<td>0,4 m/s - 0,7 m/s</td>
</tr>
<tr>
<td>Closing speed</td>
<td>0,2 m/s - 0,5 m/s</td>
<td>0,2 m/s - 0,5 m/s</td>
</tr>
<tr>
<td>Maximum thickness per leaf</td>
<td>50 mm</td>
<td>50 mm</td>
</tr>
<tr>
<td>Power supply</td>
<td>220 v (single phase)</td>
<td>220 v (single phase)</td>
</tr>
<tr>
<td>Maximum consumption</td>
<td>100 w</td>
<td>100 w</td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>135 x 165</td>
<td>135 x 165</td>
</tr>
</tbody>
</table>
Motorization profile
1 Reduction motor
2 Electric control board
3 Power supply and battery
4 Tensor subassembly
5 Endless clog belt
6 Carriers
7 Roller track
8 Box profile

FORYOU
WE OPEN
THEDOORS
The GLOBAL System operator is the best choice for your most demanding projects, especially for heavy doors. It is a very thorough product that can be adapted to any of the requirements of your installation. A flexible and standard system that allows to install, easily and without mechanic changes, the same operator in single-leaf or two-leaf doors with different passage widths, or to select the opening direction in single-leaf doors operators.

All these features make it perfectly adaptable to different access configurations for all types of buildings (supermarkets, hotels, airports, and so on).

SAFETY AND RELIABILITY
The Global System control panel is fitted with the latest electronic features and a self-adjustment smart system that releases technicians from making any adjustment on the door. It complies with the corresponding safety requirements and can be adapted to any emergency system. Besides, the Global System includes control panels that prevent people from getting trapped by means of a triple position, time and power consumption control. This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE, and 2006/42/CE. It also complies with the European Standard EN 16005.

FEATURES AND ADVANTAGES
- Modular and versatile (it has the same box profile as the Ertain System).
- Adaptable to all types of 65 mm wide profiles.
- Self-supporting box profile without beam.
- Electrolock fitted with a highly reliable simple effect electric magnet.
- Extremely strong carrier fitted with three nylon wheels guided between safe tracks that prevent derailment. This is the most reliable mechanical system in the market.
- Auxiliary devices protected against overvoltage by electromagnetic switches.
- Battery powered anti-panic opening system (in case of power supply failure).
- Motor force control system with automatic reversion for users' safety.
- PC connection for a centralised door control or programming.

POWER AND ROBUSTNESS
The Global System operator is fitted with a reducer motor with the greater power in its class that allows very heavy door leaves to reach up to 1 m/s speed.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>OPERATOR 1450</th>
<th>OPERATOR 3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (1 leaf)</td>
<td>750 - 1150</td>
<td>700 - 3000</td>
</tr>
<tr>
<td>Free passage (2 leaves)</td>
<td>1100 - 2300</td>
<td>1000 - 3000</td>
</tr>
<tr>
<td>Minimum leaf width (1 leaf)</td>
<td>750</td>
<td>600</td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>120 + 120 Kg</td>
<td>120 + 120 Kg</td>
</tr>
<tr>
<td>Maximum weight per leaf (1 leaf)</td>
<td>160 Kg</td>
<td>160 Kg</td>
</tr>
<tr>
<td>Opening speed</td>
<td>0.4 m/s - 0.9 m/s</td>
<td>0.4 m/s - 0.9 m/s</td>
</tr>
<tr>
<td>Closing speed</td>
<td>0.2 m/s - 0.6 m/s</td>
<td>0.2 m/s - 0.6 m/s</td>
</tr>
<tr>
<td>Maximum closing force</td>
<td>150 N</td>
<td>150 N</td>
</tr>
<tr>
<td>Power supply</td>
<td>220 V (single phase)</td>
<td>220 V (single phase)</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>200 w</td>
<td>200 w</td>
</tr>
<tr>
<td>Maximum leaf thickness</td>
<td>65 mm</td>
<td>65 mm</td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>160 x 165</td>
<td>160 x 165</td>
</tr>
</tbody>
</table>
Motorisation profile
Reducer motor
Electric control board
Power supply and battery
Tensor subassembly
Endless cog belt
Carrier
Roller track
Box profile
Especially suitable for small spaces where a maximum opening is required. While keeping the modular concept, a basic feature of ERREKA systems, its design and easy installation turns this model into a product that is totally different from other products available in the market. Like other ERREKA systems, the versatility of this model allows a single operator, and with just a single change during the assembly process, to adapt the system to two-leaf or four-leaf doors and different passage widths, as well as to select the opening direction for two-leaf door systems.

SAFETY AND RELIABILITY
The Global System operator and a set of specific profiles necessary to obtain a telescopic system form the Telescopic System operator. Thus, this model is fitted with the same technical characteristics, safety systems and certificates as the Global System operator.
This system has been certified with the most demanding regulations and standards on safety, such as EN 60335-2-103, 73/23/CE, 2004/18/CE and 2006/42/CE. It also complies with the European Standard EN16005.

POWER: AN IMPORTANT FACTOR
In these type of doors, the opening speed is a very important factor. The Telescopic System operator is fitted with a powerful DC motor, the most powerful in its class, which allows for an opening speed of up to 1 m/s. This model is completely different to similar systems available in the market.

FEATURES AND ADVANTAGES
• Modular system.
• System for quick installation of the operator on the box section using special nuts.
• Speed division system using a double pulley with a neoprene cog belt.
• Separate high wear-resistant aluminium alloy roller track fixed with adhesive foam tape to absorb the vibration of carriage movements, thereby reducing noise.
• Auxiliary devices protected against overvoltage by electromagnetic switches.
• Battery powered anti-panic opening system (in case of power supply failure).
• Motor force control system with automatic reversion for users safety.
• A double door can be installed with a lock system.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>OPERATOR 1450</th>
<th>OPERATOR 3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (4 leaves)</td>
<td>1800 - 2400</td>
</tr>
<tr>
<td>Free passage (2 leaves)</td>
<td>900 - 1200</td>
</tr>
<tr>
<td>Maximum weight per leaf (4 leaves)</td>
<td>60 Kg.</td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>100 Kg.</td>
</tr>
<tr>
<td>Opening speed</td>
<td>0.4 - 0.9 m/s</td>
</tr>
<tr>
<td>Closing speed</td>
<td>0.2 - 0.5 m/s</td>
</tr>
<tr>
<td>Maximum closing force</td>
<td>150 N</td>
</tr>
<tr>
<td>Power supply</td>
<td>220 v (50 hz)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>200 w</td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>170 x 235</td>
</tr>
</tbody>
</table>
Motorisation profile
Reducer motor
Electric control board
Power supply and battery
Tensor subassembly
Endless cog belt
Internal carrier
External carrier
Interior box profile
External box profile
Roller track
Speed division system
The PREMIS 120 - 250 Swing models are electromechanical models for pedestrian swing doors that meet the European Standard EN 16005 on Safety.

They can be used for automating existing swing doors or on new installations. Their main characteristics are their robustness and silent movement. They can be used both inside and outside for double or single doors and can be mounted on either of the two sides, given that their design facilitates their integration into any environment.

These models have many applications, particularly in terms of private and public entrances for disabled people or establishments with high traffic flows and limited space. They are extremely airtight and therefore highly energy efficient and have a wide and varied range of accessories to make the safety of the user a priority.

The PREMIS 120 - 250 Swing operators have a wide range of functions which enable their operation to adjust to the needs of each client.

In addition to the usual "Push & Go", exit only, etc., functions, they have others such as the courtesy function for the disabled, and an automatic increase in the opening and closing force when it is windy. They also include the option of increasing the standby time when there is a high traffic flow or simply deactivating the automatic operation and using the door as a manual swing door when necessary.
Premis 120 - 250 Swing Operators

ERREKA ADSF Premis models are electro-mechanical operators for pedestrian swing doors. They can also be used to automate already-existing swing doors, or in new installations. Their main characteristics are their durability and silent movement. They may be used for both interiors and exteriors and for double or single doors, and they may be mounted on either of the two sides, as their design makes them ideal for integration in any environment.

We have two new models, the Premis 120 for door weights up to 120Kg, and the Premis 250 for door weights up to 250Kg. Operators are power open and spring close, in the event of power failure, the doors can be used manually, there is also a battery back up option if required.

These models have numerous applications, particularly as private or public access points for disabled persons or premises with heavy traffic and limited space. They also provide excellent impermeability and consequently high energy efficiency, and they have a large and varied range of accessories geared to user safety EN16005.

The new Premis Operators also have a wide range of functions that allow them to be adapted to every type of client’s particular requirements. In addition to the habitual “Push & Go” doors, exit-only doors, etc., they are also equipped with features such as a wheelchair courtesy function or an automatic opening and closing power increase in case of wind. It also includes the possibility of increasing the opening hold time in heavy traffic situations, or of simply disabling automatic operation and using the door as a manual swing door when necessary.

**INSTALLATION**

Operators are easy to install.

**Articulated arm** (opening in the opposite direction to the operator position). A minimum height of 120 mm is required for this installation mode.

**Rigid arm** (opening in the same direction as the operator position). A minimum lintel height of 150 mm is required for this installation mode.

For low lintels, the operator may be fitted to the leaf itself. For double leaf swing doors, the two operators are connected by means of a cable, fitted to synchronise the “master-slave” system. A case with the same design as the operator to cover the gap between the two operators is also available.

**VERSATILITY**

Premis 120 Standard (Max Door Weight 120Kg)
Premis 250 Heavy Duty (Max Door Weight 250Kg)

Electro-mechanical operators with motorised opening and spring closing.

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**Premis 120 - 250 Swing Operators**

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>PREMIS 250</th>
<th>PREMIS 120</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>230 vac</td>
<td>230 vac - 110 vac</td>
</tr>
<tr>
<td><strong>Maximum weight per leaf</strong></td>
<td>250 kg</td>
<td>120 kg</td>
</tr>
<tr>
<td><strong>Maximum leaf width</strong></td>
<td>1400 mm</td>
<td>1200 mm</td>
</tr>
<tr>
<td><strong>Maximum opening angle</strong></td>
<td>95°</td>
<td>95°</td>
</tr>
<tr>
<td><strong>Casing dimensions</strong></td>
<td>106 h x 120 d x 550 l</td>
<td>106 h x 120 d x 550 l</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>75 w</td>
<td>50 w</td>
</tr>
<tr>
<td><strong>Impermeability (IP)</strong></td>
<td>IP22</td>
<td>IP22</td>
</tr>
</tbody>
</table>
Premis 120 Special Application - Toilet System

The Door is in an unlocked state, hence Manual Entry or Assisted Entry via the Touch sensor is available.

On Entry the Door must be in the closed position before the Touch lock sensor will work. (This is to stop Pranksters from engaging the system when not in use)

Operation of the “Touch to Lock Sensor” will activate the Door Lock and engage the system. (The Internal & External LEDs will flash denoting Engaged mode)

Operation of the “Touch to Lock Sensor” again will de-activate the lock and activate the Assisted Door. (The Internal & external LEDs will return to a constant state)

Emergency Entry can be achieved by either a Break-glass with integral sounder or key switch

Audio communication can be installed for assurance purposes.

*Touch to open, Door opens & latches, Enter : touch to Lock, Door (de-latches) closes & locks. Touch to Open Door opens, Exit, Door closes & locks. Therefore reducing misuse & confusion.*

Kit Contains

1x Premis 120
1x Drive arm
1x Floor Mounted Door Stop
1x Emergency re-settable Break glass Unit
1x Internal Touch Sensitive Switch – Illuminated & Visual
1x External Touch Sensitive Switch – Illuminated & Visual
1x Control & Interface Box
1x Slimline Magnetic lock
1x Door status Contact Switch
1x power Supply Unit
The PREMIS 120 - 250 Swing operators allow for simple installation. They offer two installation methods:

- **Articulated arm**: opening away from the operator. A minimum height of 120 mm is required for its installation.
- **Rigid arm**: opening towards the operator. A minimum threshold height of 150 mm is required for its installation.

Where the threshold is not very high, there is the possibility of positioning the operator on the leaf itself. For double swing doors the connection between the two operators is by means of a cable provided for this purpose which synchronises the “master-slave” system. A casing is also available with the same appearance as the operator to cover the gap between the two operators.

**VERSATILITY**

There are two versions of the PREMIS system:
- **Premis 120** (120Kg Weight)
- **Premis 250** (250Kg Weight)

Electro-mechanical Operators with motor open and spring closure
Where the spring is not strong enough to close the door due to the wind or misalignment of the doors, the motor can operate to help the spring.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>PREMIS 250</th>
<th>PREMIS 120</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>230 vac</td>
<td>230 vac - 110 vac</td>
</tr>
<tr>
<td><strong>Maximum weight per leaf</strong></td>
<td>250 kg</td>
<td>120 kg</td>
</tr>
<tr>
<td><strong>Maximum leaf width</strong></td>
<td>1400 mm</td>
<td>1200 mm</td>
</tr>
<tr>
<td><strong>Maximum opening angle</strong></td>
<td>95°</td>
<td>95°</td>
</tr>
<tr>
<td><strong>Casing dimensions</strong></td>
<td>106 h x 120 d x 550 l</td>
<td>106 h x 120 d x 550 l</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>75 w</td>
<td>50 w</td>
</tr>
<tr>
<td><strong>Impermeability (IP)</strong></td>
<td>IP22</td>
<td>IP22</td>
</tr>
</tbody>
</table>
The CLINIC sliding door is specifically designed to comply with high standards of health and hygiene. These doors prevent germs from passing through and accumulating, thus ensuring that the installations remain as hygienic as possible. CLINIC doors are used in sectors with strict sanitation or hygiene requirements, including: Hospitals, the pharmaceutical industry, food handling, the chemical industry, health care centres, and industrial kitchens. There are two options available for this model: closedown airtight doors and semi-airtight doors.

CLINIC sliding doors are equipped with the high-technology Global System operators, guaranteeing perfect movement of the doors. The leaves are manufactured under strict quality control measures and the materials ensure that the highest levels of compliance are achieved in terms of hygiene, sanitation and airtightness standards:

- **A 50 mm thick panel**, in AISI 304 stainless steel (AISI 316 to order) with a natural vegetable fibre core.
- **Weather strip** around the entire perimeter of the leaf to ensure that the seal is airtight against the sub-frame.
- **Sub-frame**: AISI 304 stainless steel frame system (AISI 316 to order) to cover the whole of the internal gap in the door.
- **Viewer**: with the option of supplying the door with different types of spyholes; round, square, rectangular and triangular.
- **Handle**: positioned on the inside and outside, made from stainless steel.
CLINIC DOORS SLIDING model

SLIDING DRAWINGS

CONTROL AUTOMATION

<table>
<thead>
<tr>
<th>OPERATOR</th>
<th>GLOBAL H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum free passage (1 leaf)</td>
<td>1500 mm</td>
</tr>
<tr>
<td>Maximum free passage (2 leaves)</td>
<td>3000 mm</td>
</tr>
<tr>
<td>Minimum leaf width (1 leaf)</td>
<td>750 mm</td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>120 + 120 Kg</td>
</tr>
<tr>
<td>Maximum weight per leaf (1 leaf)</td>
<td>160 Kg</td>
</tr>
<tr>
<td>Opening speed</td>
<td>0.9 - 0.5 m/s</td>
</tr>
<tr>
<td>Closing speed</td>
<td>0.6 - 0.2 m/s</td>
</tr>
<tr>
<td>Maximum closing force</td>
<td>150 N</td>
</tr>
<tr>
<td>Minimum closing force</td>
<td>50 N</td>
</tr>
<tr>
<td>Power supply</td>
<td>220 v (single phase)</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>200 w</td>
</tr>
</tbody>
</table>

DEVICES

<table>
<thead>
<tr>
<th>DIGITAL SELECTOR</th>
<th>DETECTORS</th>
<th>SAFETY DEVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating modes selection</td>
<td>Infrared sensors</td>
<td>Safety sensors</td>
</tr>
<tr>
<td>Operating parameters adjustment</td>
<td>Proximity detector</td>
<td>Photocells</td>
</tr>
<tr>
<td>Options activation and deactivation</td>
<td>Oversize rocker</td>
<td>Battery powered anti-panic emergency system</td>
</tr>
<tr>
<td>Malfunction diagnosis and Error modes</td>
<td>Magnetic card</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Numerical code</td>
<td></td>
</tr>
</tbody>
</table>
The CLINIC swing doors meet high standards of health and hygiene, they are versatile enough to be used in existing gaps and therefore, they are very often used both in refurbished and new constructions. CLINIC swing doors are used in sectors with strict sanitation or hygiene requirements, including: hospitals, the pharmaceutical industry, food handling, the chemical industry, healthcare centres and industrial kitchens.

CLINIC swing door operators are fitted with the PREMIS System automatic doors technology, thereby guaranteeing a perfect door movement. The system has two versions available:

- Premis 250 electromechanical operator with motor opening and spring close.
- Premis 250 electromechanical operator with motor opening and spring close.

Leaves are manufactured under strict quality controls to ensure that their performance meets the highest hygienic and airtightness regulations.

- A 70 m thick, AISI 304 (AISI 316 on request) stainless steel panel with a natural vegetable fibre core.
- Rubber weather strip for the seal.
- Sub-frame: AISI 304 (AISI 316 on request) stainless steel frame system to cover the whole internal gap of the door.
- Viewer: doors can be supplied with round, square, rectangular and triangular peepholes.
- Handle: they can be fitted in the external or internal side of the doors and made of stainless steel.
SWING FRAMES

✓ QUALITY AND ROBUSTNESS
✓ AIRTIGHTNESS AND HYGIENE
✓ SMOOTH AND SILENT MOVEMENT
✓ DIFFERENT FINISHING
✓ WIDE RANGE OF ACCESSORIES

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>OPERATOR</th>
<th>PREMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (mm)</td>
<td>106 height x 550 width x 120 depth</td>
</tr>
<tr>
<td>Power supply</td>
<td>230 volts (+/- 10%)</td>
</tr>
<tr>
<td>Maximum power consumption of accessories</td>
<td>20 w</td>
</tr>
<tr>
<td>Door maximum weight</td>
<td>250 kg</td>
</tr>
<tr>
<td>Door maximum width</td>
<td>1400 mm</td>
</tr>
<tr>
<td>Maximum opening angle</td>
<td>95º</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP22</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20º / +50ºC</td>
</tr>
<tr>
<td>Push &amp; Go</td>
<td>Optional</td>
</tr>
</tbody>
</table>

DEVICES

<table>
<thead>
<tr>
<th>DIGITAL SELECTOR</th>
<th>DETECTORS</th>
<th>SAFETY DEVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating mode selection</td>
<td>Infrared sensors</td>
<td>Safety sensors</td>
</tr>
<tr>
<td>Operating parameter adjustment</td>
<td>Proximity detector</td>
<td>Photocells</td>
</tr>
<tr>
<td>Activation and deactivation options</td>
<td>Oversize rocker</td>
<td></td>
</tr>
<tr>
<td>Malfunction diagnosis and Error modes</td>
<td>Magnetic card</td>
<td></td>
</tr>
<tr>
<td>Rotary switch</td>
<td>Numerical code</td>
<td></td>
</tr>
</tbody>
</table>
The BIRA E22 model is designed to meet the needs of large areas where there is a high flow of pedestrians (up to 80 pedestrians per min.) both entering and exiting, and design and energy saving are two essential requirements. Due to its large passage dimensions, it is designed for places where there is a high traffic flow of trolleys, suitcases, and people in wheelchairs, such as airports, shopping centres and hospitals. The BIRA E22 model has an anti-panic system as a standard feature, which in addition to emergencies is very useful for vehicle access for example.

The avant-garde design of the BIRA E22 model is perfectly in line with the most demanding user safety measures. Outstanding features are the quality of the door’s materials and the 2 three-phase motors with Inverter systems.

This model offers the possibility of choosing the door to be finished in stainless steel as well as 10 types of anodized or lacquered finishing in the whole range of RAL colours and numerous configurations, including:

- **Serie 4**: This is an innovative and functional 3 in 1 system (revolving+sliding+anti-panic). With the selector, you can choose whether the door operates as revolving or sliding depending on the existing traffic conditions, as well as incorporating the integral panic system for use in the event of an emergency.

- **Serie 2 and 2W**: There are 2 options, with side display windows for placing advertising or dressings (series 2), or without display windows (series 2w) offering a larger internal segment.
REVOLVING DOORS BIRA E22 model

BIRA E22 DRAWINGS

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>E22 - 236 4</th>
<th>E22 - 242 4</th>
<th>E22 - 248 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>240 vac, 50/60 hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td>2 three phase AC motors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total power consumption</td>
<td>1200 w</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revolving doors power consumption</td>
<td>2 x 250 = 500 w</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sliding doors power consumption</td>
<td>2 x 100 = 200 w</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low speed adjustment</td>
<td>0.5 - 2.5 r.p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High speed adjustment</td>
<td>1 - 4 r.p.m.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SAFETY DEVICES

- Instant reaction due to an anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Upper anti-trapping sensor. It stops the door in the event of detecting something within the regulated field, and when there is not sufficient time to enter into normal safety conditions.
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility.
- Emergency stop button.
- Active infrared sensors. They are situated at the top of each moving leaf, detect the people circulating in front of these so that the door can be held if necessary.
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf.

* Optional safety devices. For special specifications, please contact ERREKA.

CONFIGURATIONS

<table>
<thead>
<tr>
<th>NUMBER OF LEAVES</th>
<th>FINISHING</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 leaves +</td>
<td>Lacquered: all RAL colours</td>
</tr>
<tr>
<td>sliding option</td>
<td>Anodized: 10 types of anodized finishing.</td>
</tr>
<tr>
<td></td>
<td>Stainless steel: Grade 304, 316 satiny and glossy finishing, polished with emery.</td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>E22 - 236 4</th>
<th>E22 - 242 4</th>
<th>E22 - 248 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI = Internal diameter</td>
<td>3600 mm</td>
<td>4200 mm</td>
<td>4800 mm</td>
</tr>
<tr>
<td>DE = External diameter</td>
<td>3680 mm</td>
<td>4280 mm</td>
<td>4880 mm</td>
</tr>
<tr>
<td>HT = Total height</td>
<td>2540 mm</td>
<td>2540 mm</td>
<td>2540 mm</td>
</tr>
<tr>
<td>HP = Passage height</td>
<td>2200 mm</td>
<td>2200 mm</td>
<td>2200 mm</td>
</tr>
<tr>
<td>Entrance passage</td>
<td>1800 mm</td>
<td>2100 mm</td>
<td>2400 mm</td>
</tr>
<tr>
<td>LUP = Free passage</td>
<td>1100 mm</td>
<td>1400 mm</td>
<td>1700 mm</td>
</tr>
<tr>
<td>LS = Anti-panic passage</td>
<td>1800 mm</td>
<td>2100 mm</td>
<td>2400 mm</td>
</tr>
<tr>
<td>Traffic flow</td>
<td>48 person / min</td>
<td>64 person / min</td>
<td>80 person / min</td>
</tr>
<tr>
<td>Total weight</td>
<td>1450 Kg</td>
<td>1600 Kg</td>
<td>1750 Kg</td>
</tr>
</tbody>
</table>
The BIRA E23 model, fitted with 3 or 4 leaves, is renowned for its reliability and user safety, which together with its elegant and functional appearance, provides the entrance area with a stylish and distinguished appearance.

Its numerous configuration possibilities give that special, personal touch to each venue in which it is installed; they are also able to meet certain functional requirements, thereby being particularly recommended for hotels, shopping centres, banks, public buildings in generals and offices.

The great advantage of revolving doors is airtightness, which is beneficial for the building for mixing outdoor environment with indoor environment, thereby providing users with comfort and energy saving.

ERREKA also offers the M23 model, which consists of one manual revolving door with the same appearance as the BIRA E23.
REVOLVING DOORS  BIRA E23 model

BIRA E23 DRAWINGS

DIMENSIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DI = Internal diameter</th>
<th>DE = External diameter</th>
<th>LUP = Free passage</th>
<th>HP = Passage height</th>
<th>HT = Total height</th>
</tr>
</thead>
<tbody>
<tr>
<td>E23-3-18</td>
<td>1800 mm</td>
<td>1880 mm</td>
<td>805 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-21</td>
<td>2100 mm</td>
<td>2180 mm</td>
<td>955 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-24</td>
<td>2400 mm</td>
<td>2480 mm</td>
<td>1105 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-27</td>
<td>2700 mm</td>
<td>2780 mm</td>
<td>1205 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-30</td>
<td>3000 mm</td>
<td>3080 mm</td>
<td>1405 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-32</td>
<td>3200 mm</td>
<td>3280 mm</td>
<td>1510 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
<tr>
<td>E23-3-36</td>
<td>3600 mm</td>
<td>3680 mm</td>
<td>1705 mm</td>
<td>2200 mm</td>
<td>2500 mm</td>
</tr>
</tbody>
</table>

OPTIONAL DEVICES

- External curved door, used for night closure
- Anti-panic system for use in the event of a power cut
- Buttons for people with disabilities
- Electrolock

For other customer requests, please contact ERREKA

SAFETY DEVICES

- Instant reaction due to anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility. *
- Emergency stop button.
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf. *

* Optional safety devices. For special specifications, please contact ERREKA

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>E23-3-18</th>
<th>E23-3-21</th>
<th>E23-3-24</th>
<th>E23-3-27</th>
<th>E23-3-30</th>
<th>E23-3-32</th>
<th>E23-3-36</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>240 vac, 50/60 Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td>AC, three phase</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total power consumption</td>
<td>300 w</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automation power consumption</td>
<td>250 w</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controller power consumption</td>
<td>50 w</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjustable speed</td>
<td>1 - 6 r.p.m.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. estimated traffic flow D = 3000 mm in one direction</td>
<td>38 people / min</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. estimated traffic flow D = 3000 mm in two directions</td>
<td>38 x 2 people / min</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FINISHING

- Lacquered: all RAL colours
- Anodized: 10 types of anodized finishing.
- Stainless steel: Grade 304, 316 satiny and glossy finishing, polished with emery.

CONFIGURATIONS

<table>
<thead>
<tr>
<th>NUMBER OF LEAVES</th>
<th>FINISHING</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 or 4 leaves</td>
<td>Lacquered: all RAL colours, Anodized: 10 types of anodized finishing, Stainless steel: Grade 304, 316 satiny and glossy finishing, polished with emery.</td>
</tr>
</tbody>
</table>

* For other customer requests, please contact ERREKA.
The **BIRA KRYSRAL E71** model combines in one product the **requirements of airtightness** of the traditional automatic revolving doors with a **minimalist aesthetic** which is obtained by reducing the frames to a minimum. This feature turns this **model into a perfect complement to contemporary façades** where a high level of transparency is required with the elimination of visual architectural barriers, whilst not reducing the security aspect.

**BIRA KRYSRAL E71** doors are perfect for being used in entrances with strict aesthetic requirements where **transparency** is the distinguishing element, and in venues such as: hotels, offices, museums, symbolic headquarters and unique buildings in general.

With this model the motorisation (operator) is not installed, as is customary, in the ceiling of the door, but in a gap in the floor or in the ceiling of the basement. The structure beneath the floor is designed so that water is drained effectively.

This model can be made with 3 or 4 leaves and the metal fittings for joining the different parts together are made of stainless steel.
**BIRA KRYSRAL E71 DRAWINGS**

**OPTIONAL DEVICES**
- Exterior curved door, used for night closure
- Function selection panel frame. It allows to fix the control panel next to the door
- Buttons for persons with disabilities
- Function control panel to select the different operating modes available
- Electrollock

For other customer requests, please contact ERREKA.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>E71-3-18</th>
<th>E71-3-21</th>
<th>E71-3-24</th>
<th>E71-3-27</th>
<th>E71-3-30</th>
<th>E71-3-32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>240 vac, 50/60 Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td>AC three phase</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total power consumption</td>
<td>300 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automation power consumption</td>
<td>250 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controller power consumption</td>
<td>50 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjustable speed</td>
<td>1 - 6 r.p.m.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. estimated traffic flow</td>
<td>38 people / min</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. estimated traffic flow</td>
<td>38 x 2 people / min</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SAFETY DEVICES**
- Instant reaction due to anti-trapping sensitivity system, when the resistance of the moving parts is greater than the adjusted resistance value.
- In the event of fire, this model offers the possibility of connecting the signal from the central alarm panel.
- Vertical strips. They are situated as a finish to the fixed panels protecting the traffic flow area from any eventuality.
- Closing speed slow-down buttons. They are situated strategically behind the door so that they can be activated by persons with reduced mobility.*
- Emergency stop button.
- Compressed rubber or heel strips. They are situated at the bottom of each moving leaf.*

*Optional safety devices.* For special specifications, please contact ERREKA.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>E71-3-18</th>
<th>E71-3-21</th>
<th>E71-3-24</th>
<th>E71-3-27</th>
<th>E71-3-30</th>
<th>E71-3-32</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI = Internal diameter</td>
<td>1800 mm</td>
<td>2100 mm</td>
<td>2400 mm</td>
<td>2700 mm</td>
<td>3000 mm</td>
<td>3200 mm</td>
</tr>
<tr>
<td>DE = External diameter</td>
<td>1852 mm</td>
<td>2152 mm</td>
<td>2452 mm</td>
<td>2752 mm</td>
<td>3052 mm</td>
<td>3280 mm</td>
</tr>
<tr>
<td>LUP = Free passage</td>
<td>805 mm</td>
<td>955 mm</td>
<td>1105 mm</td>
<td>1205 mm</td>
<td>1405 mm</td>
<td>1510 mm</td>
</tr>
<tr>
<td>HP = Passage height</td>
<td>2200 mm</td>
<td>2200 mm</td>
<td>2200 mm</td>
<td>2200 mm</td>
<td>2200 mm</td>
<td>2200 mm</td>
</tr>
<tr>
<td>HT = Total height</td>
<td>2246 mm</td>
<td>2246 mm</td>
<td>2246 mm</td>
<td>2246 mm</td>
<td>2246 mm</td>
<td>2246 mm</td>
</tr>
</tbody>
</table>
Our CURVED doors, whether circular, semi-circular or curved, are designed to give entrances an exclusive character and unique architectural design, giving a solution in three dimensions. The wide range of products with their numerous variations in design and the advanced technology of the operator and the control system, can meet practically all the requirements of façade architecture today and in the future.

The different models offer various configurations, but they all allow for the convex (operator inside) or concave (operator outside) door options, a closed-loop electronic control panel with anti-panic monitoring and batteries for power cuts with an autonomy of 30 minutes.

Both the C50 circular model, offering an optimum solution for the fireproof function, and the versions of the C25 model either curved or semi-circular, are especially designed for entrances to exhibition areas, theatres, banks, offices and other public buildings where there is a desire for the functionality of a sliding door combined with a distinguished design similar to a revolving door.
**CURVED DOORS C25 y C50 model**

**CHARACTERISTICS**
- Curved laminated glass 4+4
- Operator: 1 or 2, depending on the size and/or the weight of the leaves
- Safety elements on the leaves
- Laminated ceiling
- Sensors: infrared or microwave sensors.

**TECHNICAL SPECIFICATIONS**
- Power supply: 230 vac, 50/60 hz
- Motor: DC motor with brushes
- Total power consumption: 100 w x 2
- Maximum torque: 150 N
- Opening/closing speed: 0.4 - 0.7 m/s
- Canopy height: 300 mm

**CONFIGURATIONS**
- Lacquered with all RAL colours
- Anodized: 10 types of anodized finishing
- Stainless steel: grade 304, 316, satiny and glossy finishing, polished with emery.

**CURVED C 25 DIMENSIONS**
- AC = Cable width: 2400 - 3600 mm
- HC = Cable height: 300 - 2400 mm
- HP = Passage height: 2200 mm

**CIRCULAR C50 DIMENSIONS**
- DE = External diameter: 2400 mm, 2700 mm, 3000 mm, 3200 mm, 3600 mm
- DI = Internal diameter: 2300 mm, 2600 mm, 2900 mm, 3100 mm, 3500 mm
- LUP = Free passage: 1370 mm, 1560 mm, 1780 mm, 1920 mm, 2180 mm
- HP = Passage height: 2200 mm, 2200 mm, 2200 mm, 2200 mm, 2200 mm
ACCESSORIES

RAD 17 Sensor with activation and security barrier

Infrared sensor, with built-in photocell that allow activation of opening and safety closing functions. It can be installed in places with a height of up to 3 m, providing a 2.5 m length and 3.5 m width detection area. There are test outlets available for diagnosing the correct performance of the photocell. “Door learning” function included, which provides a safer leaf movement.

RAD 3 Active infrared sensor

This device is formed by an infrared presence detector and an adhesive label with the word Push on it. This sensor is suitable for installations where a wide detection range is not required and it prevents doors from opening when a closing movement is detected. The sensor shall point towards the place where the Push adhesive label has been fixed, so the sensor will only be able to detect movement when hands are placed near the adhesive label.

FOT 9 Photocells

Infrared safety sensor designed to make the movement area of the door leaves secure during the opening thereof. Their maximum installation height is 3 m. There are test outlets available for diagnosing their correct performance.

FOT 3 Photocells

Infrared barrier formed by built-in amplification cylindrical transmitter and receiver. This device is designed to make sliding and telescopic doors secure using presence detection (by interruption). Its compact size facilitates its installation in any door section. Protected against ambient light interference and erroneous short-duration connections.

ZSEG3 External key

Switch key enabling the door to be closed from outside. It consists of a contact cylinder fixed to a black anodised aluminium plate.

SEL ROT 5 Key rotary selector for sliding doors

Key selector with 4 positions consisting of a contact cylinder fixed to a silkscreened black anodised plate. It allows to select 3 operating modes: Automatic mode, Open Door mode and Closed Door mode. The Reset position is also available.

UNISYS SEL Digital selector for sliding doors

This device allows to select different operating modes: Open Door, Closed Door, Exit-only Traffic, Two-way, Partial Opening, Manual, etc.). It also allows the operating parameters adjustment (opening and closing speed, opening waiting time, acceleration ramps, etc.) and malfunction diagnosis.

BAT S12 Digital selector for swing doors

Functions selector for swing doors with built-in tampering locking key and protective front cover. This device allows to adjust all the operator's operating parameters and functions, as well as to select among 5 different operating modes.

ZSEG6 Lock

Hook lock fitted in vertical support for Standard European profile cylinder with long cam. It can be assembled in hollow profiles, such as ECO32 Security, ECO32 Multilock and Compact Sen.}

ZSEG7 Lock

Floor door-closer to be assembled at the lower horizontal frame of the door leaf. It consists of a stainless steel floor door-closer with cylinder. It can be assembled in non-framed profiles.
**Access control device fitted with a fingerprint reader to limit access only to authorised persons**.

This device improves security by requesting a numerical code.

**RAD 9 Microwave sensor**

High reliability, accuracy and stability movement detector controlled by microprocessor. It is suitable for installing in up to 4 metre high areas. It can detect a minimum speed of 5 cm/s and provides a 4 metre long and 3 metre wide maximum adjustable detection area, while it keeps doors open from 0.5 to 13 seconds after movement is detected (also adjustable).

**RAD 6 Active safety sensor**

This devise is specially designed for making swing doors secure. Active infra-red technology using a master-slave system. It detects presence at all times, even without movement, and has an extremely rapid response time (less than 50 ms.) Features like detection distance, door opening waiting time, lighting options, etc. are all adjustable. It is not sensitive to colour or ground reflectivity variations.

**PUL06 Proximity button**

Access control device fitted with a fingerprint reader to limit access only to authorised persons. This device improves security by requesting a numerical code.

**PUL03 Push-button for person with disabilities**

Stainless steel push-button designed for making access easier to persons with disabilities.

**BAT S14 Key rotary selector for swing doors**

Key selector with 5 positions for swing door operators. It consists of a black anodized aluminium plate with white screen printing and a black case, which allows both the surface and embedded fitting of the device. This key selector has 5 operating modes available: Automatic, Open Door, Closed Door, Exit Only and Manual.

**PUL05 Oversize rocker**

This actuator is used in installations where certain hygienic conditions are required. Its appearance, limited depth and matt stainless steel design makes it suitable for being fitted in panels.

**TRANSMITTER 1 Remote Control**

Radio transmitter with a plug-in receiver panel. It enables the selection of 3 door operating modes: Automatic, Open Door or Closed Door. It has an operating frequency of 868 MHz and a fixed code that can be adjusted by a DIP switch.

**E2 LOCK Electrolock**

This consists of a monostable electromagnet/spring that blocks the two leaves of the door. It is fitted with a manual unlock system to unlock the door opening form the inside.

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