ERREKA Access Automation is one of the three business units within Matz-Erreka S. Coop., a cooperative belonging to Mondragon Corporation (www.mondragon-corporation.com). Mondragon is one of the leading groups in Europe with staff of over 80,000 employees, 15 technology centres, 1 university, and more than 147 international deployments.

ERREKA Access Automation is one of the main manufacturers within the sector achieving the highest levels of growth. The commercial network spreads throughout Spain with 8 branches, and internationally has its own branches based in Mexico and the UK, co-operating with national and local distributors in other several countries.

ERREKA Access Automation offers a wide range of solutions for the automation of entrances for pedestrians. It offers a comprehensive service, interacting with the client throughout the process.

ERREKA’s ethos is innovation and excellence in the service provided to the clients, therefore offering a wide technical and commercial network which enables the client to receive advice before, during and after the installation. ERREKA offers a comprehensive after sales technical support service offering the client full maintenance and service.

ERREKA Access Automation 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 ERREKA to achieve a perfect solution in terms of both technical and aesthetics and prides itself on the key principle to ensure energy efficiency for its clients.

ERREKA’s quality and occupational health and safety systems are endorsed by ISO 9001 and OHSAS 18001 certification, respectively. Furthermore, Matz-Erreka has been awarded ISO 14001 certification in relation to its environmental management at its plant based in Ibarreta.
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 Mondragón 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.

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

ERTAIN MODEL ............................................. 10
GLOBAL MODEL ............................................ 12
TELESCOPIC MODEL ..................................... 14
ERTAIN

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 control panel, as its big brother version Global, 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 Global).
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.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>E4 870</th>
<th>E4 870M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (1 leaf)</td>
<td>750 - 3000 mm</td>
<td></td>
</tr>
<tr>
<td>Free passage (2 leaves)</td>
<td>1000 - 3000 mm</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>100 + 100 Kg</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (1 leaf)</td>
<td>140 Kg</td>
<td></td>
</tr>
<tr>
<td>Opening speed</td>
<td>0.2 m/s - 0.8 m/s</td>
<td></td>
</tr>
<tr>
<td>Closing speed</td>
<td>0.2 m/s - 0.5 m/s</td>
<td></td>
</tr>
<tr>
<td>Maximum thickness per leaf</td>
<td>50 mm</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>220V (single phase) 110V (single phase)</td>
<td></td>
</tr>
<tr>
<td>Maximum consumption</td>
<td>100W</td>
<td></td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>135x165</td>
<td></td>
</tr>
</tbody>
</table>

OPERATORS

E4 870 E4 870M

1. Motorisation profile
2. Gearmotor
3. Electric control board
4. Power supply and battery
5. Tensor subassembly
6. Endless toothed belt
7. Carriers
8. Roller track
9. Box profile

UK 01275 871787
www.erreka-automaticdoors.com
GLOBAL

The GLOBAL operator is the best choice for your most demanding projects, especially for heavy doors. It is a very versatile 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 control panel is fitted with the latest electronic features. It complies with the corresponding safety requirements and can be adapted to any emergency system. Besides, the Global 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.

POWER AND ROBUSTNESS

The Global operator is fitted with a reducer motor with the greater power in its class that allows very heavy door leaves.

FEATURES AND ADVANTAGES

Modular and versatile (it has the same box profile as the Ertain).
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.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>G4 870</th>
<th>G4 870M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (1 leaf)</td>
<td>750 - 3000 mm</td>
<td></td>
</tr>
<tr>
<td>Free passage (2 leaves)</td>
<td>1000 - 3000mm</td>
<td></td>
</tr>
<tr>
<td>Minimum leaf width (1 leaf)</td>
<td>750</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>140 + 140 Kg</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (1 leaf)</td>
<td>200 Kg</td>
<td></td>
</tr>
<tr>
<td>Opening speed</td>
<td>0,2 m/s - 0,8 m/s</td>
<td>0,2 m/s - 0,8 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 closing force</td>
<td>150 N</td>
<td></td>
</tr>
<tr>
<td>Power supply (single phase)</td>
<td>220V</td>
<td>110V</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>200W</td>
<td></td>
</tr>
<tr>
<td>Maximum leaf thickness</td>
<td>65mm</td>
<td></td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>160x165</td>
<td></td>
</tr>
</tbody>
</table>
TELESCOPIC

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 operator and a set of specific profiles necessary to obtain a telescopic system form the Telescopic operator. Thus, this model is fitted with the same technical characteristics, safety systems and certificates as the Global 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 operator is fitted with a powerful DC motor, the most powerful in its class, which allows for an opening speed of up to 0.8 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.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>G4 870</th>
<th>G4 870M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free passage (2 leaves)</td>
<td>900 – 3800 mm</td>
<td></td>
</tr>
<tr>
<td>Free passage (4 leaves)</td>
<td>1800 – 3800 mm</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (2 leaves)</td>
<td>100 Kg</td>
<td></td>
</tr>
<tr>
<td>Maximum weight per leaf (4 leaves)</td>
<td>70 Kg</td>
<td></td>
</tr>
<tr>
<td>Opening speed</td>
<td>0.2 m/s – 0.8 m/s</td>
<td>0.1 m/s – 0.5 m/s</td>
</tr>
<tr>
<td>Closing speed</td>
<td>0.1 m/s – 0.5 m/s</td>
<td></td>
</tr>
<tr>
<td>Maximum closing force</td>
<td>150 N</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>220V (single phase)</td>
<td>110V (single phase)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>200W</td>
<td></td>
</tr>
<tr>
<td>Operator dimensions</td>
<td>170x235</td>
<td></td>
</tr>
</tbody>
</table>

1. Motorisation profile
2. Gearmotor
3. Electric control board
4. Power supply and battery
5. Tensor subassembly
6. Endless toothed belt
7. Internal carrier
8. External carrier
9. Interior box profile
10. External box profile
11. Roller track
12. Speed division system
PREMIS 200
NEW FOR 2019
SWING DOOR OPERATOR

ADVANTAGES
- Control of movement in closed loop (PID).
- Adjustable speeds and forces.
- Adjustable standby time.
- Arms: Rigid and Articulated.
- Multi-functions: Accessible toilets, etc.
- Door closing compression spring for high performance.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions Operator</td>
<td>635x75x127 mm</td>
</tr>
<tr>
<td>Power supply (V/Hz)</td>
<td>230 V - 50 Hz</td>
</tr>
<tr>
<td>Power consumed (W)</td>
<td>100 W</td>
</tr>
<tr>
<td>Motor voltage (Vdc)</td>
<td>40 V</td>
</tr>
<tr>
<td>Opening speed Adjustable</td>
<td>3 - 10 seconds</td>
</tr>
<tr>
<td>Closing speed Adjustable</td>
<td>5 - 10 seconds</td>
</tr>
<tr>
<td>Max. torque (Nm)</td>
<td>50</td>
</tr>
<tr>
<td>Opening angle</td>
<td>Adjustable from 0 -100º (with mechanical stopper)</td>
</tr>
<tr>
<td>Maximum: Weight / Width</td>
<td>door 200kg – 1.400mm</td>
</tr>
<tr>
<td>Use</td>
<td>Intensive</td>
</tr>
<tr>
<td>Network input fuse</td>
<td>4 A (SK200)</td>
</tr>
<tr>
<td>Peripheral power supply (voltage)</td>
<td>24 Volts</td>
</tr>
<tr>
<td>Peripheral power supply (current)</td>
<td>2 Amps</td>
</tr>
<tr>
<td>Service temperature (ºC)</td>
<td>-20ºC - 50ºC</td>
</tr>
<tr>
<td>Protection rating (IP)</td>
<td>IP54</td>
</tr>
</tbody>
</table>

PREMIS

ACCESSORIES

SELECTORS
- DIG SELO2 Digital selector

SENSOR RADARS
- RAD6 Swing door safety sensor L=360mm
- RAD26 Swing door safety sensor L=1.033mm

ACCESSORIES
- EMISOR6 Push-button wireless and waterproof
- PUL03 Push-button for person with disabilities

ACCESSORIES
- STAINLESS STEEL COVER Special order
- FP200 Finger protection

ARMS
- APR01 Special Rigid Arm
- APR02 Articulated Arm

General characteristics

Work mode:
- Full Energy
- Low Energy

Control of open/close by way of encoder.
Anti-crush.
Master / Slave: Swing door synchronisation.
Multi-function selector: Digital / Rotary.
Reset.
Emergency input.
Push & go function.
Courtesy function for handicapp people.
European standards EN 16005

With the rigid arm and the door set back more than 100 mm, the door can be automated using these special arms up to a maximum recess of 208 mm.
ACCESSORIES

DIGITAL & MECHANICAL SELECTORS

Digital selector DIG SEL01

Digital selector with 1.7 inch color display. Allows easy programming of parameters and 6 different modes of operation through 6 buttons. Real time visualization of diagnostics and device status.

BATS12 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.

BATS14 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.

SENSOR RADARS

RAD17 Sensor with activation and security barrier

Infrared sensor with built in protocol that allows 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 protocol. “Door learning” function included, which provides a safer leaf movement.

RAD13 Active infrared sensor

This device is formed by an infrared presence detector. 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.

RAD9 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 0.5 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).

RAD23 Side Screen Safety Sensor

Infrared safety sensor designed to make the movement area of the door leaves secure during the opening thereof. Maximum installation height is 3m. Small in size but big on features: 210 x 28.5 x 59mm, it is the smallest EN16005 compliant sensor with the ability to select from 1 to 4 rows of active infrared activation & safety. Elegant sensor mounting. Functions as either: A side screen safety sensor, a door activation & safety sensor, an internally mounted door activation & safety sensor.

RAD6 Active safety sensor

Infrared safety sensor designed to make the movement area of the door leaves secure during the opening thereof. Maximum installation height is 3m. Small in size but big on features: 210 x 28.5 x 59mm, it is the smallest EN16005 compliant sensor with the ability to select from 1 to 4 rows of active infrared activation & safety. Elegant sensor mounting. Functions as either: A side screen safety sensor, a door activation & safety sensor, an internally mounted door activation & safety sensor.

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ACCESSORIES

ACTIVATION DEVICES

PUL06 Proximity button

Dispositif de contrôle d’accès avec lecteur d’empreinte digitale qui limite l’accès aux personnes autorisées. En plus de l’empreinte, il est possible d’inclure une double sécurité grâce à un code numérique.

PUL03 Push-button for person with disabilities

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

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.

PUL07 Emergency push button

MECHANICAL AND ELECTRICAL LOCKS

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 Sendo.

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.

ZSEG8

External mechanical key for the new generation of sliding doors opening by impulse.

E4 FAILSECURE

Electro-lock for Ertain4, Gibba4 and Telescopc systems.

E4 FAILSAFE

Inverse lock device formed by a monostable electric magnet. This device is suitable for emergency exit doors, given that it unlocks the doors in case of malfunction.
AUTOMATIC DOORS LOCATION

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