



Heavy Duty Automatic Sliding Door
Operators
ZAM Ezi Door



1. Unique environmental protection cover.
2. Digital microprocessor controlled drive module which contains all of the operating component in a single housing for ease of service and maintenance.
3. Heavy duty concave track wheels 4 wheels per door.
4. High Tension reinforced fiber toothed belt for quiet operation and maximum performance.

Advanced Technology



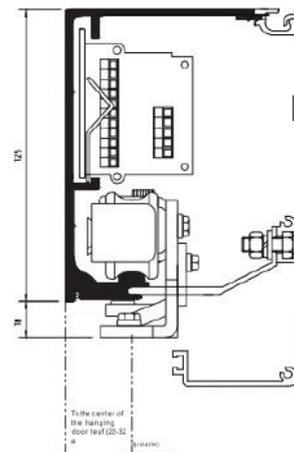
The latest in digital microprocessor technology gives the control unit multiple programmable modes including: - provision to interface with building security systems, monitoring the door position and lock status, and a built-in battery. The microprocessor operating parameters can be adjusted to accommodate various climatic conditions and specific site requirements in relation to speed, braking etc

OpgraEion

Advanced Technology

The Automatic Door Operator is a full electric drive, housed in an extruded aluminium low profile transom section (Height 125mm .x Width 100mm) is Australian designed complies to AS4085-1992, has a class 3 rating, to suit .bi-parting or single sliding doors

The equipment incorporates an electronic DC Motor with a built-in optical sensor for precise movement, high torque and a maintenance-free life



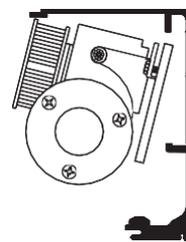
The multifunctional microprocessor control unit shall feature the following:

- Self-calibrating and programmable modes
- Fully compensates door weight and friction, therefore, delivering the optimum force for efficient operation
- Provision for full interfacing with building security/alarm systems
- Open speed control
- Closing speed control
- Brake control: preventing the doors from slamming shut
- End position-damping control for the accurate slow down of door movement
- Optional built-in UPS (uninterrupted power supply) for the continued operation of the door under power failure.
- The option of solar power provision included

Unique Track Profile

The operator pelmet design features a unique interlocking hinge to provide secure closure and maximum cover even when mounted hard up against the ceiling.

The design enables the operator to be fitted flush to the ceiling when required, while the pelmet may be opened fully or removed for access.



Safety is Priority

The microprocessor will automatically reverse operation while the door is closing, should the doors be obstructed. Active infrared safety sensors are included to focus across the doorway to halt and open the doors immediately upon the sensor detecting an obstruction. Sensitivity setting is programmable.

High Secured Locking

Optional Electric lock option is Standard giving total security and can be adapted where manual locking can not be achieved. The microprocessor monitors all aspects of the locks functions e.g. to ensure the door is fully closed when the lock is engaged. During a power failure or emergency, the fail-safe device will fully open the doors. The fail-secure mode will close and secure the doors.

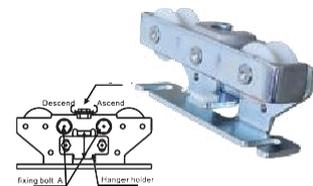
Terminal outputs are available to signal to security systems both door position and lock status. The microprocessor is also self diagnosing. Provision for climate control is available. Door opening can be restricted to 50% of normal operating with during high winds or harsh weather conditions.

Dual sets of sun-resistant P.E. light cells can be flush-mounted in the door jambs to prevent doors from closing if the threshold area is obstructed. Fitting of P.E. light cells are at 150mm and 600mm from finished floor level.

Door drive shall be by way of toothed belt reinforced with fibreglass tensile members, incorporating nylon facing surface for pulley tooth protection, for silent and service-free operation.

Quick Operations

The tracking system is a dual linear track designed for accuracy and long service life fitted with anti rise wheels with no possibility of doors disengaging off tracks. The upper track is made of harder and stronger alloy and is replaceable



Functions

The following functions can be selected through your wall-mounted key switch or options board:

AUTO: In this mode the doors will open and close automatically subject to the sensors activating upon the approach of pedestrians.

LOCK: This mode will bring the doors to the closed condition, deactivating the sensors allowing the doors to be manually locked. If electric locking system is fitted the doors will dead lock awaiting activation by the exit push button and an access control system (Supplied by others).

HOLD OPEN: The door will open and stay open allowing access for furniture removal or cleaning of glass, if the door shows any form of malfunction this mode should be selected to ensure pedestrian safety until repaired.

EXIT ONLY: The external sensor is disabled allowing only operation from the interior; this mode is used to control traffic restricting Access.

CLIMATE : The selection of this mode restricts the doors from opening to half its normal position, this pre-set feature aids the loss of A/C or lowers wind penetration; the restricted position is adjustable by a technician.

OFF: In this mode the motor control of the door is set to neutral, allowing manual operation of the doors.



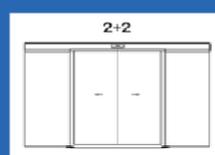
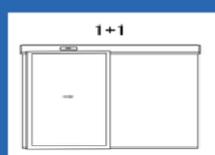
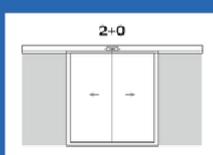
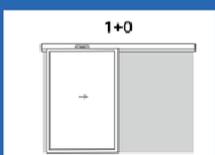
Technical specifications

Model	ZAMECO Slider series	
Door leaf	Single leaf	Double Leaf
Weight of door leaf	Max. 150 kg	Max. 2 * 120kg
Width of door leaf	DW = 750-1600mm	DW=655-1250mm
Width of door opening	W=1450-3100mm	W=2500-5000mm
Method of Installation	Surface Installation	
Supply power voltage	AC 110-220V ± 10%, 50/60 Hz	
Opening Speed	150-460mm/s (adjustable)	
Closing Speed	130-460mm/s (adjustable)	
Door Hold- open time	0-8s(adjustable)	
Manual open/close force	<40 N	< 50 N
Motor	DC24 V. 60-70W(DC, brushless)	
Working Environment Temperature	-20C – 50C	

Features

- > Designed for Australian and European Standards
- > 36-month warranty
- > 2 million life Cycle approved by TUV
- > Passed CE certification
- > Replaceable track for longer service life
- > Weather seal for protection against dust and particles, to ensure longer service life for the door's mechanical components.
- > Optional Battery Backup to provide uninterrupted power supply during power failure.
- > Provision into interface with building security and alarm systems.
- > Fitted with an EM Lock for enhanced safety in Night Lock Mode and a high-quality gear motor with a digital microprocessor-based controller, designed to forcefully stop the door against unauthorized entry attempts.

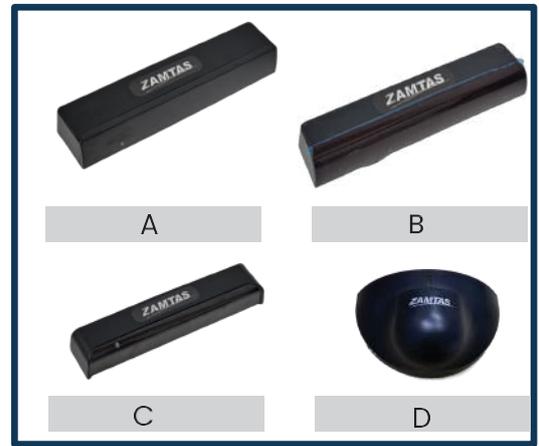
Door Configurations



Activation and Safety Sensors:

Designed around safety and efficiency, the Zamtas Automatic Sliding Door system is equipped with Bidirectional motion sensors, continuously scanning the areas around the door. There are four configurations available:

- A= ZAMSAFE Activation & Safety (EN16005 Standard dual Technology)
- B= ZENSAFE BEA Activation & Safety Sensor
- C= ECOSAFE Activation and Safety Sensor
- D= Activation Sensor



Activation Switches:

Wired and wireless activation switches and control

- 1= Push to Exit button which works as Lock and Fire mode and emergency exit.
- 2= Touchless Wireless Activation with Active infrared technology. Pair up to 10 switches to 1 receiver.
- 3= Touchless wired Activation with effortless and hygienic access one-hand motion sensor.
- 4= A mechanical key switch might sound a little old-fashioned. The upside, however, is that due to its being around for quite a long time, you will need no special knowledge or expertise to enjoy its advantages. It also offers five modes: full open, partial open, lock, automatic and one-way. This key switch is simply another tempting accessory!



About us:

ZAMTAS Technologies is an Australian Owned and Operated company since 1998. We started as a small trading company with export of Automation & Traffic Products designed and made in Australia to the world. With years of experience in the Automatic Doors Industry, along with range of Traffic Lighting and Products, ZAMTAS has grown its business over the years within Australia and Export Markets.



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