



AUTOMATIC SLIDING OPERATOR EZ-SL

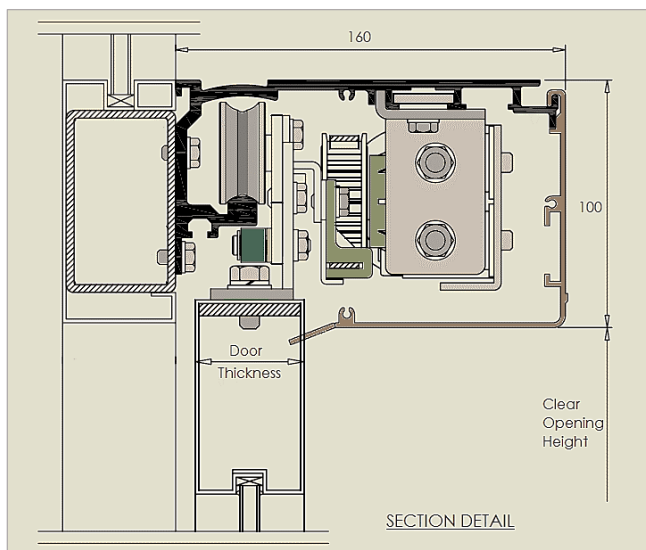


SIMPLY EASY

The key characteristics of the EZ-SL are its reliability and efficiency. It applies the most advanced door technology utilising sophisticated components to develop a state-of-art automatic sliding system.

EZ-SL works electro-mechanically with control unit, motor unit, transmission, emergency unit as well as electrical locking device (fail-secure) or electro-mechanical motor brake (fail-safe), all assembled within the mounting profile with an optional integrated cover. Motor unit – Low gear and high performance DC motor with precision gearbox and micro-digital encoder for smooth operation.

EZ-SL is capable of handling single, bi-parting and telescopic doors and is designed to suit all kinds of door entrances. It is adaptable to various type of door leaves – full frame door, timber door, steel door, aluminium door, transparent glass door etc.



EZ-SL operates safely with highest accuracy and performance. Knowing precisely which way the door is moving and the positioning of the door, it gives precise instruction for each position which ensures maximum safety measures. To eliminate the risk of people being hit by closing doors, the door is equipped with unique safety devices that automatically reverse immediately to its opened position when it detects resistance. If any obstruction is detected between open doors, it will stop immediately and will only resume to close after a time delay.

EZ-SL can be integrated with an emergency unit that will automatically open or close the door in the event of a power failure. It can also be interfaced with building fire alarm system or smoke detector.

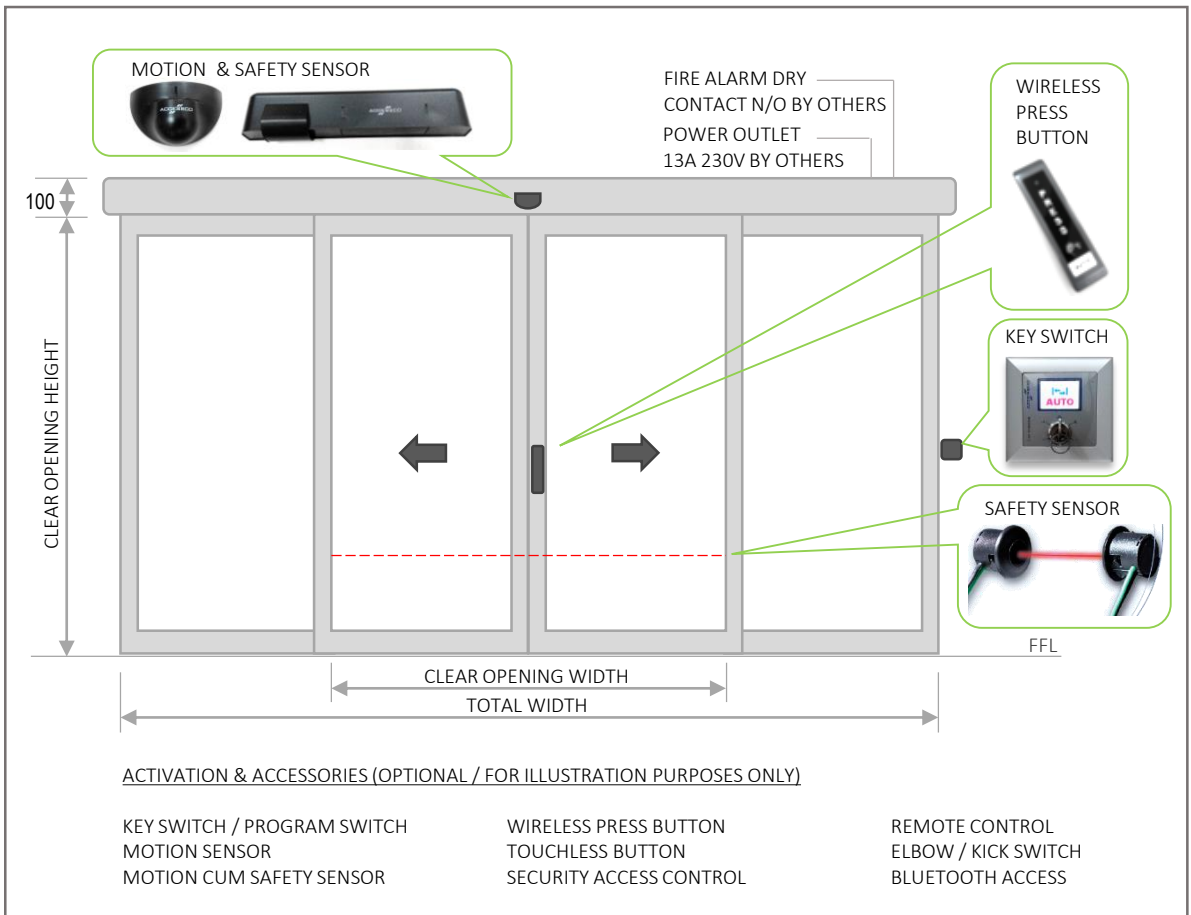
TECHNICAL DESCRIPTION

Operator Dimension	Height 100mm x Width 160mm		
Main Power Supply	Auto-Switch 90~250V 50/60 Hz		
Power Consumption	max 180w		
Auxiliary Voltage	24V DC		
Drive Unit	40V 100W Made In Germany		
Max Door Weight	Single	150kg	upgrade ~ 200kg
	Bi-Parting	240kg	upgrade ~ 360kg
Max Opening Speed	up to 1400mm/sec		Bi-parting
Max Closing Speed	up to 1000mm/sec		Bi-parting
Hold Open Time	0 ~ 60sec		
Max Opening Width	Single	800~2500mm	
	Bi-Parting	800~3200mm	
Ambient Temperature	-15° to +50°C		
Humidity Range	up to 85%		
Intelligent Processor	Self Learning & Auto Error Detection		
Safety Compliance	DIN18650-1 : 2010		
	EN16005-1 : 2010/AC:2010		
Mechanical Performance & Durability Test	Test 1 = 1,000,000 Cycle		
	Test 2 = 2,000,000 Cycle		

COMPETITIVE ADVANTAGES

- ▶ Durable & Reliable High Capacity DC Drive Unit Shall Be Made In Germany With A Built-In Motor Brake & Precision Digital Encoder For Accuracy & Performance
- ▶ Power Transmission Via High Quality Urethane Tooth Belt Reinforced With Steel Thread Made In Italy To Ensure No Belt Over-Stretching & No Shredding. It Is Most Suitable for Clean Environment Usage
- ▶ Self-Learning Intelligent Control Unit Designed With 'Plug & Play' Operation
- ▶ Permanent Sensing of Door Position by Means of Non-Contact Distance Measuring System
- ▶ Intelligent Automatic Error Detection & Indication With Display Panel
- ▶ Extremely Sleek & Silent Operation Which Handles Non Stop Opening & Closing With Ease
- ▶ Door-Leaf Weight is Evenly Distributed By Two Roller Carriage – Each Carriage Comes With 2 Heavy Duty High Tension Wheel For Silent & Long Lasting Operation And 1 Anti Derailing Wheel To Prevent Door-Leaf From Falling Off Track Against Accidental Impact
- ▶ Locking Device Failsafe Type With Dunkenmotoren Made In Germany Built-In Motor Brake. Alternatively, Locking Device Fail-secure Is Available In Electro-Mechanical Function
- ▶ Interfacing With RS485
- ▶ Built-In 2-Door Interlocking Function, Expandable With Multiple Doors
- ▶ Push & Go Function Without The Need For Any Sensors
- ▶ One Pulse Open One Pulse Close Function
- ▶ Safety Auto-Reversing On Both Opening & Closing
- ▶ Key Switch Comes With LCD Panel To Identify Clearly The Operating Function With 5-Way Selection Mode
- ▶ Weight Loading Standard : Single 150kg / Bi-Part 240kg.
Weight Loading Upgradeable : Single 200kg / Double 360kg
- ▶ Power Supply – Switching Supply From 90~250V





POWER FAILURE

EMERGENCY OPENING & STAY OPEN

If an Emergency Unit (back up battery) is used, the door will open and stay opened or close and stay closed automatically in the event of power failure. EZ-SL will resume to last set operating mode once power is restored.

REMAINS AUTOMATIC

If an Emergency Unit (back up battery) is used, the door can be programmed to operate automatically for 60minutes until battery is flat and the door will open and stay opened at the last cycle.

FIRE ALARM

When interfaced with building fire alarm or smoke detector, the door will open and stay opened or will close and remain closed during the activation of fire alarm. Once the fire alarm panel is reset, the EZ-SL will resume its normal operation.

ENHANCED SAFETY

During door closing, EZ-SL will automatically re-open when it is hits by an obstruction. It will stay open and resume closing to check if the obstruction is removed.

IMPORTANT :

To enable maximum safety and performance, the operator shall be regularly serviced and maintained by authorized personnel ,and safety devices shall be used. Please refer to the instruction manual





USER FRIENDLY & SUITABLE FOR :



DISABLED



ICU / CCU



HEALTHCARE



RETAIL



TRANSPORT



HOSPITALITY

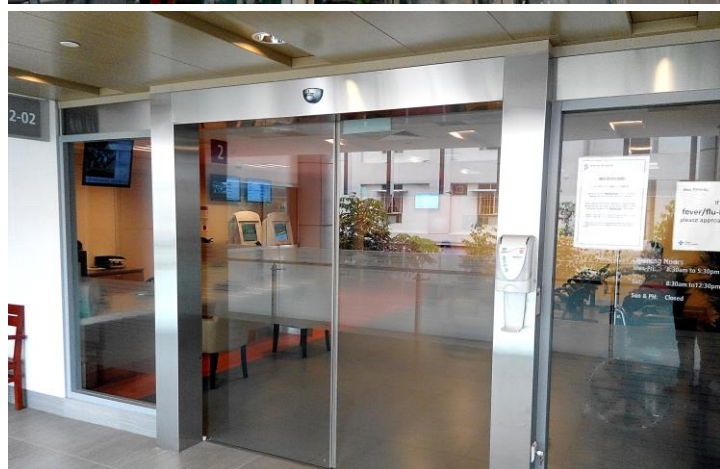
MAINTAINING SMOOTH OPERATION WHILE KEEPING IT SAFE

The European Union has introduced a new regulation with regards to the safety of pedestrian in the use of power operated doors. The EN 16005 covers the same level of pedestrian protection in power operated doors throughout the entire European region for every new installation.

While this standard considers all parts of powered entrances as potential danger zones during opening and closing, ACCESSCO Automatic Door Operator is equipped with necessary components, activation devices and safety sensor to avoid any potential accidents and to maximise the traffic flow. Safety is also further enhanced by our soft closing feature.

ACCESSCO technical division is specially trained to manage new installations as well as renovation and retrofitting projects by advising customers on installation upgrades. Our specialised maintenance team will assist you to ensure a smooth and safe operation of your automatic door to optimise its life span. With only ACCESSCO original spare parts replacement, you will have a peace of mind at a low operating cost.

ACCESSCO Automatic Door Operator have been continuously enhanced and tested to best fit your day-to-day needs and ensuring your fullest safety. ACCESSCO Automatic Door Operator is in compliance with the present European and American standards and directives as the EN16005, DIN 18650, CE, ANSI A156 10 standard.



REPRESENTED BY :



ACCESSCO  **Think Green**
Total Integration In Entrance Solutions

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