

## HEAVY DUTY AUTOMATIC SLIDING EZ-SL600



### NOTHING IS IMPOSSIBLE

The key characteristics of the EZ-SL600 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-SL600 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). Motor unit – Low gear and high performance DC motor with precision gearbox and micro-digital encoder for smooth operation.

EZ-SL600 is capable of handling both single and bi-parting 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-SL600 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-SL600 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.

The function of the EZ-SL600 is exactly the same as EZ-SL except it is of a higher specification example the weight loading, wide opening width and low gearing ratio.

## TECHNICAL DESCRIPTION

|                       |                                      |             |
|-----------------------|--------------------------------------|-------------|
| Operator Dimension    | Height 350mm x Width 200mm           |             |
| Main Power Supply     | Auto-Switch 100~220V +/- 50 or 60 Hz |             |
| Power Consumption     | max 250W                             |             |
| Auxiliary Voltage     | 24V DC                               |             |
| Drive Unit            | 40V 100W Made In Germany             |             |
| Max Door Weight       | Single                               | 600kg       |
|                       | Bi-Parting                           | 300kg x 2   |
| Max Opening Speed     | up to 0,7m/sec                       | Bi-parting  |
| Max Closing Speed     | up to 0,4m/sec                       | Bi-parting  |
| Hold Open Time        | 0~60sec                              |             |
| Max Opening Width     | Single                               | 1200~4000mm |
|                       | Bi-Parting                           | 1200~6000mm |
| 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             |             |

5-POSITION  
LCD & LED  
DISPLAY SCREEN  
KEY SWITCH



## 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.

## 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.

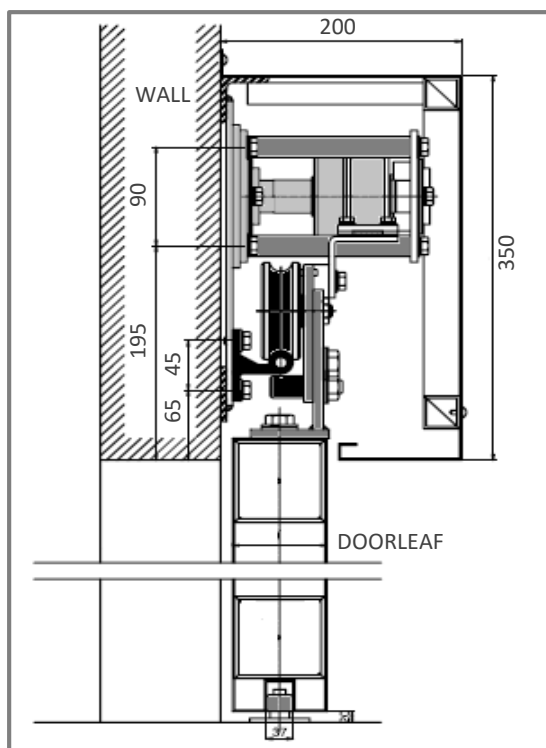
### IMPORTANT :

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.

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