

**ENOX E**

**ASSA ABLOY**



**Automatic Sensor Door**



It is an era of Automation

Presently the lifestyle of any individual keeps them busy and occupied in their daily schedules, which can be eased with the help of some automisation. Automatic doors ensure decreased overhead costs, increased productivity, consistency, reliability and security.

Automation is having technology do things for you repeatedly with precision and assuring safety. Automatic sliding doors definitely help in saving time, money and energy.

Type of Automatic doors

- Single leaf door - Maximum clear opening 1800 mm in width
- Bi-parting door - Maximum clear opening 2400 mm in width

Bi - Part / Double Door

Single Door

The right automatic sliding door for every space.

Perfect solution for your requirement in terms of design, versatility, security and accessibility





Features and Benefits

Economics

With the ESLD 7001 Automatic sliding door operator, ENOX is able to offer a particularly competitive sliding door operator based on the proven capabilities of ENOX products.

Smooth & Silent

It moves silently with the use of Brushless DC motor and moves smoothly due to highly precise design.

Power Saving

High efficiency circuit is designed in order to save electricity

User Friendly

Due to it user friendly module, it's easily adaptable to individual requirement

Technical Specification

Operating rating	Continuous repeated door opening/closing	
Transmission	Toothed belt	
Drive-wheel material	Powder metallurgy	
Control system	Microprocessor (Dimension : 450x51x65 mm)	
Function	15 functions	
Hanger	Adjustable single wheel hanger	
Motor	Brushless DC motor	
Watt	40W - 60W	
Speed (mm/sec.)	150 - 650 mm/sec (Adjustable)	
Operating voltage and power consumption	AC 90V - 250V 60/50Hz 1.9A - 0.8A 120W	
Door open position time	1 - 60 sec.	
Display mode	1. Distance counter   2. RPM   3. Speed (mm/sec)	
Class of Protection	IP20	
Ambient temperature	-20°C - +45°C	
Options	<div><div>•B : Base</div><div>•F: Function Wires</div><div>•W : Wireless</div></div> <div><div>P : Program selector</div><div>•Program switch</div><div>•Key switch</div></div>	

Brushless DC motor

Brushless DC motor benefits with high rotational speed, low electric consumption & protection from overloading. more advantages are rapid response, potential torque, plus linear variation for voltage.

Multi Function Controller

It's a micro processor controller with LED display. It has multi functions that you can set according to your needs. The self-learning microprocessor control ensures reliably operation keeps the motion cycles harmonised and satisfies and satisfies high safety requirements

Compliance

- TUV tested
- EN 16005
- ISO 9001:2000

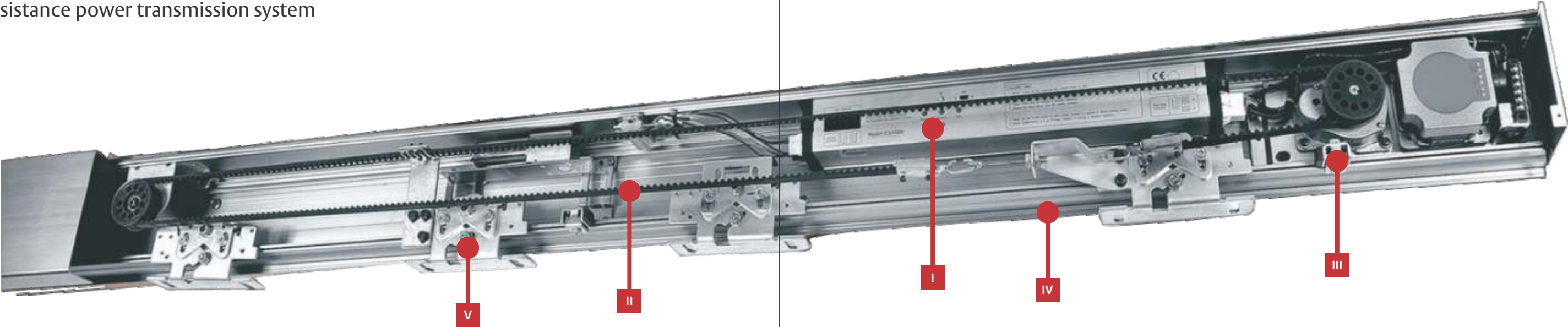


Operation status of equipment

Automatic sliding includes monitor display to allow users to understand the existing operation status easily and following 5 functions can be recognized.

- I. Current R.P.M. for Motor.
- II. Position display for door leaves.
- III. Speed of opening and closing for each second.
- IV. Power display for batteries in reserve.
- V. Position display for opening.

Low-resistance power transmission system



I. Microcomputer digital controller

Intelligent digital controller that is micro computerized completely. The regular function circuit is controlled by the computer indication with fixed-point switch free. The door position adjustment, tracking distance set-up, various energy strength, open and closing speed are all controlled by the microcomputer. In a long time operation, the open and closing action is still precise. When the auto-door is opening and closing, if the door hits something while functioning, the digital control system will reverse moving immediately and get into safety protection mode with a continuous warning sound to avoid the occurrence of any damage to human body or broken machine parts and increase the entering safety.

II. Drive belt

High flexible belt is provided with superior anti-gland feature that can be used repeatedly without getting loose and fatigued resilience after long term use.

III. Drive motor

High efficiency permanent magnet brush-less serve motor, which is small in size, high-RPM and low power consumption which does not heat after continual usage. It makes the door open and close silently during whole functioning period.

IV. Aluminum alloy housing

Strong alloy housing easily combines with other accessory parts. The alloy housing is one-unit shaping that has exclusive profile and smooth track that does not get deformed or worn down after long term usage.

V. Door fixing hanger

The door system has an integrated fixing hanger which allows smooth and secure movement of the panels. It is combined with the stopper to prevent the panels from slipping out

Full Set - 2.1 Mtr

ENOX CODE	Single Panel	Single Panel Maximum Opening
ESLD 7001	1 X 90 kgs	1000mm X 2400mm

Full Set - 4.2 mtr

ENOX CODE	Single Panel	Single Panel Maximum Opening	Double Panel	Double Panel Maximum Opening
ESLD 7001	1 X 90 kgs	1500mm X 2100mm	2 X 75 kgs	2000 mm x 2400 mm
ESLD 7002	1 X 150 kgs	1800mm X 2400mm	2 X 120 kgs	2000mm X 2700mm

Full Set - 6.4 mtr

ENOX CODE	Single Panel	Single Panel Maximum Opening	Double Panel	Double Panel Maximum Opening
ESLD 7001	1 X 90 kgs	1500mm X 2100mm	2 X 75 kgs	2100mm X 2400mm
ESLD 7002	1 X 150 kgs	1800mm X 2400mm	2 X 120 kgs	2400mm X 2700mm

Consist of Full Set - 4.2 mtr

- Micro Controller 1 Pcs
  - Brushless DC Motor 1 Pcs
  - Hanger Parts & Belt 1 Set
  - Sliding Track 4.2 Mtr 1 Set
  - Program selector module 1 Pcs
- Wire Accessories 1 Set
  - Bottom Guide 2 Pcs
  - Glass Clamp 4 Pcs
  - Sensor 1 Set

Consist of Full Set - 6.4 mtr

- Micro Controller 1 Pcs
  - Brushless DC Motor 1 Pcs
  - Hanger Parts & Belt 1 Set
  - Sliding Track 6.4 Mtr 1 Set
  - Program selector module 1 Pcs
- Wire Accessories 1 Set
  - Bottom Guide 2 Pcs
  - Glass Clamp 4 Pcs
  - Sensor 1 Set



# Automatic Sliding Door Systems

## Automatic Sliding Door



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### Area of Applications

#### Residential



#### Commercial Buildings / Shopping Malls



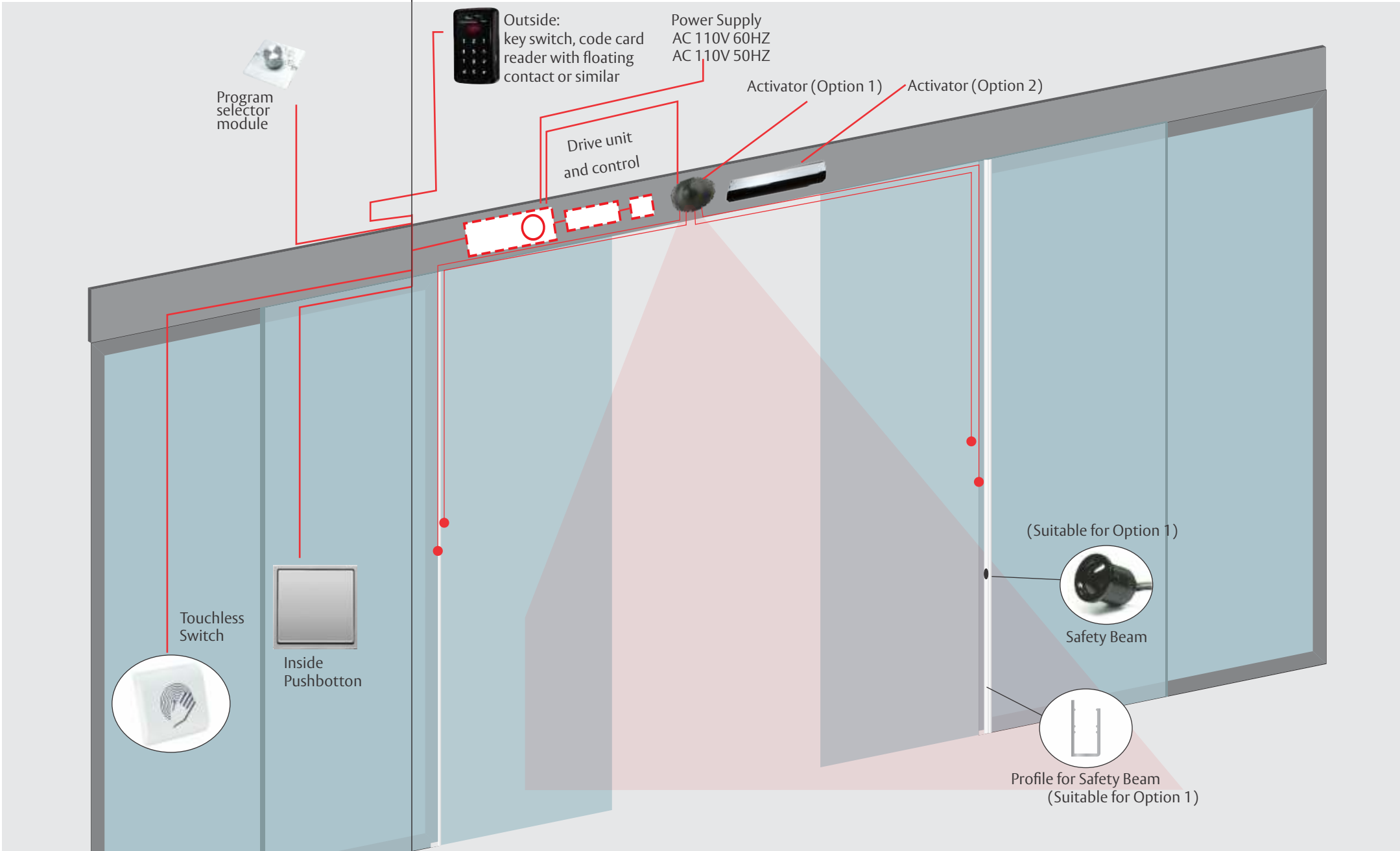
#### Showrooms



#### Hospitals / Hotels



### Connection



Operating mode can be selected by position switch. There are five operating mode on the position switch : normal, half open and half close, always open, locked, exit only.



1. Door Operates both in ways this Position.



2. Door only opens half in this position.★



3. Door is always open in this position.



4. Door is always closed and locked in this position.



5. When the person wants to exit, the door opens in the direction of exit only. The system does not allow opening for entry.

★ In normal half open position, door will be opened 50% of normal position. It can be adjusted to more than 50% but cannot be adjusted to less.  
\* Note :- UPS to be mandatorily provide on site to prevent damage to the Automatic sliding system

ESLD - 7001 - M  
Motion Sensor

- Features :
- Micro Wave motion sensor controlled by controller
  - Compact and unique design
  - ABS cover & special housing fixing system
  - Unidirectional element



ESLD - 7001 - Z  
Motion With Safety Sensor

- Features :
- Motion sensor controlled by controller
  - Compact and unique design
  - ABS cover & special housing fixing system
  - Unidirectional element



ESLD - 7001 - ZZ  
Motion With Safety Sensor

- Features :
- Motion sensor controlled by controller
  - Compact and unique design
  - ABS cover & special housing fixing system



ESLD - 7001 - I  
Safety Beam (Single Barrier)

- Features :
- Active infrared
  - Available in single barrier
  - Useful in areas of frequent opening
  - Additional protection & safety
  - Can fitted in single & double door profile doors
  - Recommended to avoid accidents.



ESLD - 7001 - N  
Safety Beam (Double Barrier)

- Features :
- Active infrared
  - Available in single barrier
  - Useful in areas of frequent opening
  - Additional protection & safety
  - Can fitted in single & double door profile doors
  - Recommended to avoid accidents.



EDLS- 316  
Access Control

- Features :
- Access control system can be integrated with the system
  - Can be used to open the door with subscribe validation and then closes the door
  - Ideal for areas like office, restricted areas



ESLD - 7001 - O  
Touchless Switch

- Features :
- Touchless switch is very useful in case where you need to open door as and when require
  - Sensitive, stable and reliable
  - Suited for hospitals, food processing & pharmaceutical sectors
  - Door closes after passing through
  - Can be fitted on the surface anywhere



ESLD - 7001 - T  
Wave Switch

- Features :
- Wave switch is very useful in case where you need to open door as and when require
  - Sensitive, stable and reliable
  - Suited for hospitals, food processing & pharmaceutical sectors
  - Door closes after passing through
  - Can be fitted on the surface anywhere



ESC - 7001 - A  
Aluminium Glass Suspension

- Features :
- Aluminium Anodized glass suspension profile
  - Finish - Stainless Steel
  - Size - 2400mm



ESLD - 7001 - J  
Electric Drop Bolt

- Features :
- Electric Drop Bolt
  - Power Supply - DC12V
  - Watt. Consumption - Start 10W 2sec, Nromal 2W
  - Size - 203mm X 38mm X 40mm



# Automatic Sliding Door Systems

## Accessories

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### ESLD - 7001 - K

Program Key Selector

Features :

- To lock and unlock door irrespective of operative mode in program selection.
- Power supply - DC12V



### ESLD - 7001 - R

Remote Control

Features :

- Infrared microprocessor controlled receiver.
- This is amazing home and office security device for sensor door.
- Available in 300,317,433 MHz frequencies.



### ESLD - 7001 - Q

End Caps for ESC 7001 A

Features :

- PVC end caps for ESC 7001 A
- Finish - Grey
- Material - PVC

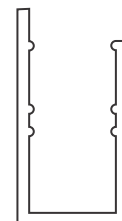


### ESC - 7001 - B

Aluminium profile to cover safety beam

Features :

- Aluminium profile frame for safety beam
- Finish - Stainless Steel
- Size - 2600mm



### EDLS 317

EM card

Features :

- For Access control system



#### Legal Disclaimer

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