

## SPECIFICATION OF ESDOR AUTOMATIC SLIDING DOOR EKS 300

### Different and New

ESDOR automatic sliding doors are new solutions distinguished with their design, high technology and installation convenience from the current systems. Embodying the aspects of quality and flexibility, these systems fulfil all the functions required by the contemporary building concept.

Mechanism height is 12 cm. The installation of modular system electromechanical unit is very easy. It protects itself from defects resulting from every kind of user mistakes with its intelligent control system. Through its self-monitoring control system, able to think and interpret, it perceives changing conditions, makes the speed adjustment by its own and does not allow sudden movements.

### ESDOR Automatic Sliding Doors Are Functional

Operating speed, opening width and open hold time are adjustable just as you wish. It adjusts opening-closing width automatically through its advanced micro processor. It serves to the user's wishes with user functions such as automatic opening, closing, one-way access, winter opening, open, closed (with lock), airlock. It signals in every kind of user mistakes (led). It ensures the correct detection of the failures arising out of user mistakes easily.

### 1.MOTOR AND CONTROL UNIT

- 1.1.DC type motor with suspension system, noiseless and smooth door movement.
- 1.2.Opening speed : 0,14 -1,4 m/s, adjustable in 10 positions.
- 1.3.Closing speed : 0,14 - 1,0 m/s, adjustable in 7 positions.
- 1.4.Being adjusted the speed automatically through reduction by computer at the ends of opening and closing.
- 1.5.Adjustable open hold time from 1 to 100 s.
- 1.6.Winter opening : Adjustable in 4 levels.
- 1.7.Sequential opening (Airlock) : Used where 2 doors are available as one after the other; adjustable from 1 tos.
- 1.8.Functions such as automatic opening-closing, one-way traffic, open, closed and locked (optional), reduced opening, sequential opening (airlock), night switch where no service door.
- 1.9.Adjusting the opening and closing spaces automatically by means of advanced micro processor.
- 1.10Recalling its automatic movement when it encounters any obstacle in front or behind (except radars and photocells) during opening and closing. Not damaging to itself or the obstacles.
- 1.11.Signalling in every kind of user mistakes (LED indicator). This ensures the faults occurred by mishandling be determined correctly.
- 1.12.Others : Alarm, emergency opening, air curtain control.

### 3.CONTROLLING

Door movements can be controlled by the authorized person with a selector switch. It can be mounted anywhere requested up to 20 m.

### 4.OPENING AND SAFETY

Movement of door leaves are provided by radar, pushbutton, magic switch, elbow switch, large pushbutton, card or code systems, etc. to be mounted to the interior and exterior parts. **Safety photocell** is used for the purpose of preventing the moving leaf from hitting objects likely to be available in the detecting area of radar when the open hold time has been over and the door started to close.

### 5.OPTIONS

Electrical lock, mechanical lock, accu (with various use alternatives), emergency exit button, night switch, air curtain.

### 6.ESDOR AUTOMATIC SLIDING DOOR ALUMINIUM UNITS: ES 30.