

ENTRANCE DYNAMICS EDSL450 SLIDING DOOR RETROFIT KIT and EDSL450ER SLIDING DOOR RETROFIT KIT FOR ESCAPE ROUTES

The universal sliding door drive that meets the most stringent safety requirements

The Entrance Dynamics EDSL450 / EDSL450ER Sliding door retrofit kit meets all of today's required qualities of being reliable, universal, easy to operate and inexpensive to maintain. Its sophisticated state-of-the-art electronics together with a robust motor and gearbox provide a discreet and silent unit.

This sliding door retrofit kit is suitable for almost every existing sliding door operator. The powerful drive is capable of opening heavy doors and the mechanical fit with the standard supplied brackets is practically endless.

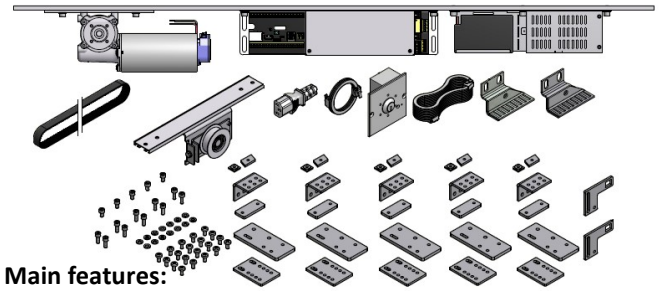
Entrance Dynamics EDSL-CU-450 control unit

The EDSL-CU-450 control unit has three microprocessors. One main processor, one backup processor, and one so called "watch-dog" processor that continuously monitors all safety features in the control unit and the sensors, and ensures that the door will remain safe when a fault occurs in any of the monitored systems.

The Entrance Dynamics EDSL450 is certified according to all current and all known future regulations in Europe. It is prepared to be used in escape routes according to DIN18650 / EN16005. In fact, the EDSL-CU-450 is the first sliding door control unit that is capable of handling all monitored and redundant sensors (regardless of the monitoring protocol), almost any existing lock (regardless of voltage and type), and even most existing motors that are on the market today. All this makes the Entrance Dynamics EDSL-CU-450 the world's most advanced sliding door control unit.

The Entrance Dynamics EDSL450 Sliding door operator offers:

- One solution for any sliding door
- Instant availability of parts with short installation time
- Easy programming of control unit
- Monitored battery backup
- Built-in cycle counter
- Connect any existing accessory or function



Main features:

- Smooth and silent
- Universal
- Reliable and durable
- Meets EN16005 and DIN18650 standards

Technical information EDSL450 / EDSL450ER Sliding door operator

- Power supply 230 VAC
- Max power consumption 300 W
- Aux voltage 12 or 24 VDC
- Power consumption at rest <2 w
- Motor type 40 VDC Brush
- Voltage Programmable in/output 3 (24 VDC) / 1
- Interlock Available as standard
- 6 programmable inputs
- 4 programmable outputs (3xNPN and 1x potential free relay contact (CO))
- Ambient -15 to 55° C/80% RV
- Max door weight 1 x 240 kg or 2 x 150 kg
- Opening and closing speed Fully adjustable within norm
- Opening hold time Adjustable from 1-120 sec
- Battery monitoring Every 4 hours
- Programming Windows Phone / Windows laptop or PC (Bluetooth or cable)

Applied international standards:

EN13849
DIN18650-1, 2005-12
DIN18650-2, 2005-12
AutSchR
EN-IEC 60335-1
EN-IEC 60335-2-103
EN 61000-6-2
EN 16005
93/68/EEC (CE)
89/336/EEC (EMC)

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