

Entrematic EM PSL100 Sliding Door Operator

The Entrematic EM PSL100 Sliding Door Operator is an electro mechanic sliding door operator suitable for internal and external doors. The operator is fully approved for all possible installation environments such as escape routes. It can be installed with single or double sliding doors with a max. clear opening width of 3000 mm and a max. weight of 240 kg (single) and 200 kg (double) per door leaf.

Product reference: Entrematic EM PSL100 Sliding Door Operator

Product properties:

- Door type: Single or double door sliding doors
- Finish: Clear anodized or silver
- Slim design, only 100 mm high
- Power: 100V AC -10% to 240V AC +10%, 50/60 Hz
- Power Consumption: Max. 250 W
- Operator size: 100 mm height x 198 mm depth; Width three standard lengths, COW 1600, 2200 and 2800 mm
- Safety features for escape routes (optional): Redundant motor power supply, back-up batteries, reverse on obstruction function

Standard delivery:

- Support beam with transmission in three different length options (COW 1600, 2200, 2800 mm)
- Control unit with plug-in connections
- Steel carriage wheels

Standard operation:

- Electro-mechanic operation
- Enhanced Learn function
- Opening/closing speed variable up to 1.4 m/s
- Hold open time adjustable 0-60 s
- Ambient temperature -20C to +50 C
- Relative humidity max. 85% (non-condensing)
- Adjustable hold force 0-60 N
- Robbery function
- Push & Go function
- Partial ("Winter") opening
- Interlock function
- Sensor Monitoring
- Door panel weight: up to 240kg (single door), up to 200kg per door leaf (double door)

Optional:

- Escape route set-up incl. double motor, add-on board and back-up batteries
- Cover
- Digital program selectors

- Sensors for safety (monitored) and activation
- Possibility to connect different activation devices
- Electromechanical locks
- Double bogie wheels for heavy doors and plastic wheels for extra silent operation
- EMPS profile system
- Door adaptors for other profile systems
- Pharmacy opening
- Nurse-and-bed function
- Sustainable drive mode
- Programming and maintenance with tablet and bluetooth connection

Authority Approvals (partial list)

- EN 16005
- EN 60335-1
- EN 61000-6-2
- EN 61000-6-3
- EN ISO 13849-1
- 2004/108/EC Electromagnetic Compatibility Directive (EMCD)
- 2006/42/EC Machinery Directive (MD)
- FCC 47 CFR Part 15 B
- UL 325
- EN 60335-2-103
- IEC 60335-2-103
- IEC 60335-1