

Entrematic EMSW Swing Door Operator

The Entrematic EMSW Swing Door Operator is an electro-Hydraulic swing door operator suitable for internal and external doors in a wide variety of applications such as retail, hotel, office, airports, stations, hospitals, Schools, industrial and commercial applications. The operator is fully approved for all possible installation environments such as escape routes or fire doors. It can be installed universally in push, pull, sliding-push usage as well as synchronized for double doors with mechanical coordination unit available.

Product reference: Entrematic EMSW Swing Door Operator

Product properties

- Door type: Single or double door
- Finish: Clear anodized
- Color options: silver or black (arm system and end plates)
- Power: low energy or full power operation options (according to EN160005)
- Operator size: 110 mm height x 110 mm depth x 716 mm width
- Safety features: Emergency opening, in the event of power failure or fire alarm the door can be used manually (like a door closer). Optional finger safety guards and safety sensor to prevent contact with moving door leaves.

Standard

- Separate units for push or pull operation with fitting arm systems
- Automated swing-in or swing-out operator. Face mounted.
- Opens with power, closes hydraulic
- Built in program selector 3-way switch located on side of operator; 4-way key switch with exit mode optional

Operation

- Electro-hydraulic operation
- Learn function
- Wind load regulation, Max force Push: opening=95 Nm, closing= 165 Nm, Pull: opening= 55 Nm, closing 108 Nm
- Push & Go function
- Servo assist
- In the event of power failure, door is closed in a controlled by the spring and stands as a door closer.
- Hold open time 0- 30 Seconds
- Max. drive power consumption 230 W
- Max. opening angle 110 degrees
- Door panel weight: Max 250 kg's
- Power requirements: Max 10A fuse

Options

- Dry contact for transmission of data to building's central control system.
- Connection possibilities for electric locks/locking mechanism.
- Possibility to remote control.
- Contactless detection sensor.
- Double door synchronization with cable and mechanical coordinator (for fire doors), full length cover optional.
- The EMSW complies with
 - EN 1154 size 3-6 (controlled door closing)
 - EN 1158 (coordination unit for rebated doors)

- EN 16005
- UL 325
- ANSI / BHMA A156.10, A156.19
- DIN 18263-4 AU size 3-6
- SITAC 0710/97, 0166/99 (fire door)