

## Entrematic EM EMO Swing Door Operator

The Entrematic EM EMO Swing Door Operator is an electro mechanic swing door operator suitable for internal and external doors. Due to its silent operation and low-energy function the operator is suitable for healthcare, residential, educational, office and public service areas. The operator is fully approved for all possible installation environments such as escape routes. It can be installed universally in push, pull, sliding-push usage as well as synchronized for double doors.

### **Product reference: Entrematic EM EMO 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**

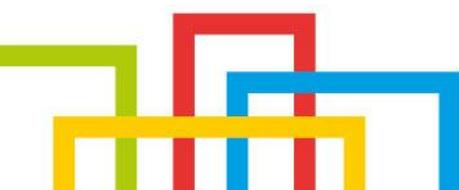
- Separate units for push or pull operation with fitting arm systems
- Automatic swing-in or swing-out operator. Surface mounted.
- Opens and closes with power
- Built in program selector 3-way switch located on side of operator; 4-way key switch with exit mode optional

#### **Operation**

- Electro-mechanic operation
- Learn function
- Active range Push: EN1154, size 4
- Wind load regulation, Max force opening Push: 82 Nm, closing: 100 Nm, Pull: opening 38 Nm, closing: 42 Nm
- Push & Go function
- Servo assist
- In the event of power failure, door is closed with a spring and works as a door closer.
- Hold open time 1,5-30 seconds
- Max. drive power consumption 75W
- Max. opening angle 110 degrees
- Max. opening speed 3-6 seconds
- Max. closing speed 3-6 seconds
- Door panel weight: up to 210 Kg's (1,8 m door, Push arm)
- Power requirements: 100-240 AC +10/-15%, 50/60 Hz, fuse Max 10 Amp

#### **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, full length cover available as option.
- The EM EMO complies with
  - EN 16005
  - UL 325
  - ANSI / BHMA A156.10, A156.19
  - SITAC 0710/97, 0166/99