ESE-DSW85

Swing Door Spring-Closing Automatic Door Operator

24V DC MOTOR | SPRING CLOSING | ADJUSTABLE SPEED | PULL / PUSH ARM

Product Overview

ESE-DSW85 is a microprocessor-controlled automatic swing door operator designed for precise position and speed control. Its spring-closing mechanism automatically closes the door during power failure, while adjustable opening and closing speeds support smooth operation for a wide range of entrance applications.



Key Features

- Microprocessor-controlled automatic swing door closer.
- Precise position and speed control for smooth door movement.
- Automatic spring closing in the event of power failure.
- Opening and closing speed adjustable from 3-7 seconds.
- Pull-arm and push-arm mounting options available.
- Suitable for conjunction with fire doors.

Spring-Closing Safety

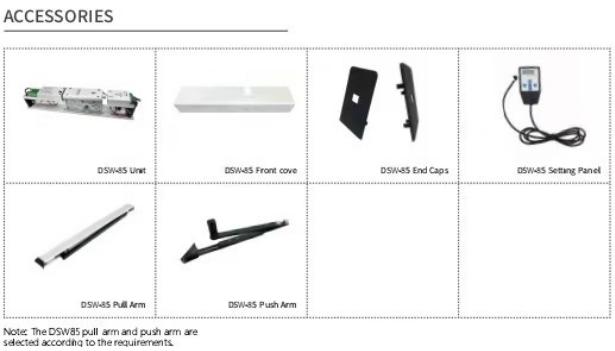
When power is interrupted, the unit starts closing by spring force automatically. The operator supports pull-arm or push-arm installation depending on the application.

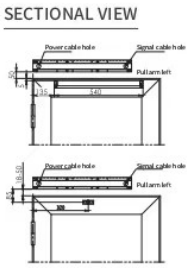
Technical Specifications

Product specifications presented for the ESE-DSW85 model.

Item	Specification
Model	ESE-DSW85
Drive unit	24V DC motor, spring close door
Anti-extrusion device	Standard
Power supply voltage	AC220V ±10%, 50/60Hz
Rated power consumption	100W (MAX)
Opening time (speed)	3-7 s adjustable
Closing time (speed)	3-7 s adjustable
Open time	0.5-30 s adjustable
Opening angle	80°-100°
Drive arm	Pull arm / Push arm
Unit size	610 × 128 × 88 mm
Ambient temperature	-20°C to +45°C
Relative humidity	≤85%

Accessories & Installation







Product Notes

The ESE-DSW85 pull arm and push arm are selected according to installation requirements. The operator is particularly suitable for use with fire doors and applications requiring controlled automatic swing-door movement with spring closing.