



Power Requirements : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~2W. max. ~65W.

Dimensions : Cylindrical body 1030mm x Ø230mm x Wing width (450 - 900mm)

Body Features : 1mm thick, single piece, 304-Grade satin finished stainless steel cylindrical body.

Wing Features : Wing is made of 10 mm. thick tempered glass (Opt. Lexan or Plexiglas). 550mm or 900mm. wing lengths are available as standard choices.

Top Lid Features : Standard 20mm thick natural granite (Star Galaxy Black) stone top lid for a decorative and aesthetical appearance.

Indicator Feature : Built-in circular RGB LED status indicators are located under granite top lid. Illumination is blue at standby; green during authorised passage and flashing red for unauthorised attempts or emergency alert mode.

Operating Temperature, Humidity, IP Rating, MCBF
: -20°C - +68°C (Opt. -50°C with heater unit) / RH 95% non-condensing / IP 44 Indoor Model (Opt. For pipe wing versions IP 56 Option is available)/ 1M Cycles.

Control System : All inputs are opto-coupler protected .Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

System Features& Operation
: Bi-directional DC motor driven mechanism with torque and speed adjustments. The system opens the wing in either direction upon receiving contact to allow passage.

Emergency Mode : In case of emergency input, the wing opens in either direction (pre-set direction by internal dip-switch) and the system stays in open position until the emergency input is removed. Wing can be pushed open manually in either direction in case of a power failure.

Wing Speed

: Wing speed is controlled by adjustable PWM controlled motor driver system.

For 900mm Passage Width Tempered Glass Wing:

-Wing Opening Speed= ~3,0 seconds by default, ~2,5 – 3,5 sec.
adjustable.

-Wing Closing Speed= ~3,0 seconds by default, ~2,5 – 3,5 sec.
adjustable.

For 550mm Passage Width Tempered Glass Wing:

-Wing Opening Speed= ~2,7 seconds by default, ~2,5 – 3,5 sec.
adjustable.

-Wing Closing Speed= ~2,7 seconds by default, ~2,5 – 3,5 sec.
adjustable.

- 90° movement from original position,
- Utilisation of different access control units can change the flow rate.

Flow Rate

: Capacity of Mechanism: ~1-120 passages/minute; Nominal: ~15 passages-per-minute (Recommended reference figure).

- Utilisation of different access control units can change the flow rate.

Standard Features

: Natural granite top lid (Star Galaxy Black), Indicator lights.

Optional Accessory and Applications

: Remote control unit, interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, separator, card reader pole.

**Design and specifications are subject to change without notice.*

