

MICOM SW800 SWING DOOR OPERATOR

#	Technical Feature	Functional Description
1	UL325 Listed	Certified to the UL325 and UL911 standards for door operators by ETL #5012330
2	UL10C Certified	2-hour Fire Door Rated Operator
3	ADA Compliant	Fully compliant with the ADA and ANSI A156.10 and A156.19 standards
4	Heavy Duty Capacity	Industry leading capability for doors weighing up to 700 lbs.
5	Non-Handed	Non-handed Operator & Header for Right/Left and Push/Pull applications in a single model, field changeable
6	Programmable Controller	Digital LED display with simple easy to use interface for installation set up and programming
7	Push & Go	Selectable Push & Go with adjustable hold-open times, engages automatic opening after pedestrian has manually moved the door
8	Obstacle Detection Opening Direction	Built in obstacle detection safety on Opening, door stops when encountering an obstruction, holds for 2 seconds and shuts off allowing door to close under standard spring power
9	Obstacle Detection Closing Direction	Built in obstacle detection safety on Closing door operations that reverses direction of door to prevent pedestrian entrapment with up to 4 attempts, then shuts off and closes under standard spring power
10	Power Close	Selectable, activates when door closing and in programmed latching area to ensure door is positively latched You should always install a Presence Safety sensor when enabling this feature!
11	Power Shut	Selectable option where motor drives the door closed from the fully open to the fully closed position with 5 separate force settings For high wind applications! Keep in mind the door will fight you when closing You should always install a Presence Safety sensor when enabling this feature!
12	On Board Power Supply	Both a 12 & 24 VDC total 1.2 Amp power supply. The 12VDC is 900Ma and the 24VDC is 300Ma. This amount will power the most common locks and accessories eliminating the need for extra power supply
13	Adjustable Opening & Closing Speed	Adjustable Opening & Closing speeds
14	Adjustable Closing Force	Fully adjustable Closing force settings
15	Electric Lock Input	Selectable Fail Safe or Fail Secure electric lock settings
16	Electric Lock Delay	Adjustable time delay of .02 - 2.0 sec. between activating the electronic lock and the start of the opening cycle
17	Wind Force Dampening	Powerful Wind Check feature engages motor to reduce abrupt door speed to prevent damage to door, hinges, and arms
18	Latch Assist Before Open	Selectable "Pull Before Open" latch assist to prevent binding of electric strike
19	Latch Assist Closing	Selectable when Power Close is activated "during closing" cycle to assist in positive latching of the door
20	Direct Impulse Signal Connection	Wet Input for 12/24 VDC accessories providing impulse signals, can connect direct to control board without costly relays
21	Adjustable Latching Speed & Position	Allows adjustment of the position and the closing speed in the latching area

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22	Electronic-Stop Positioning	Fully adjustable Electronic stop setting door open position and preventing damage to door hinges, wall, and operator arms
23	Hold & Crawl Safety Speed	Selectable speed when safety #2 is activated during the opening cycle
24	Operating Power Range	Can operate at 100vac - 240vac 1 phase with integrated incoming power supply allowing the operator to function in a diverse global market
25	Encoder Door Positioning	Integrated encoder technology providing precise door control and positioning at all times
26	DC Motor	A very large, powerful 1/4 HP 24 VDC permanent magnet motor ensures a long lasting trouble-free ownership
27	Warranty	3-year warranty from manufacturing defects
28	On/Off/Hold Open Switch	Standard selectable switch for primary door operation. Locatable on R or L side
29	Non-Volatile Memory	All programmed settings are saved into memory and self-reset when power returns
30	Adjustable Back Check Speed & Position	Allows you to set the speed and position of the door for positive control all the time
31	Power Close Cancel	Selectable Power Close Cancel when pedestrian presence is detected and turns off the operation to prevent pedestrian injury
32	Hold on Manual	Selectable Hold on Manual Open of 1-5 seconds when door is in manual operation
33	Open/Closed Status	Dry contact can be used for monitoring status of door
34	Activation Switch Failure	Disregards Activation signal after 15 minutes of continuous engagement, usually caused by malfunctioning push buttons, this prevents middle of the night emergency calls
35	Presence Detector Input	Direct input for 2 external presence safety sensors
36	Hold Open Timer	Adjustable from 1 - 60 sec. hold open
37	Extendable Spindle	Easily extend spindle up to 3" for unique installations where the operator has to be mounted higher than typical applications
38	Smoke Evac Stairway Pressurization	Allows connection to central operations center to open and hold open doors for fan/smoke evacuation system in stairways and other entrances
39	Battery Backup	The kit includes (2) 12 VDC batteries and Charger/Controller, enough energy for ~75 open/close cycles and a relay to connect to central operations center to notify when batteries need replacement
40	Low Energy or Fully Automatic	Selectable operator type in the Control menu settings, no need for 2 different models
41	Continuous Duty	Manual or Automatic operations in any traffic setting including continuous duty applications for airports, grocery stores and malls