Auto EntryControl™
Low Energy Swing Door Operator



SDC's Auto EntryControl™ Swinging Door Operator provides hands-free, low-power, point of door control with safe and reliable, electro-mechanical drive and slim-line design. The state-of-th microprocessor-based unit is self-tuning and self-learning while offering non-handed operation, full m stops and a variety of interface options for sensors, push-plates, fire alarms and electrified lock

FEATURES

Auto EntryControl's™ non-pivot drive and combination of belt, gear and pulley requires less torque, requires less power, absorbs more abuse, and is quieter than other automatic door openers while complying with all US and Canadian ADA requirements. On-board diagnostics simplifies troubleshooting for ease of installation and AutoEntry Control's™ can be easily configured for surface mounted push/pull or overhead concealed applicati

- ADA Compliant
- Complies with ANSI A 156.19
- UL - Certified for use as fire door operators (3 hour rating)
- Self-Tunning, Self-Learning
- Minimum 5 seconds from close to open
- Stays open for 5 seconds
- Force: 15 lbs -6.8 kg
- Push or Pull (In door, Out swing)
- Activation: Knowing Act
- Optional Safety Device
- Power: 1A, 100W 24 VDC
- Non-Handed
- Extremely Quiet Operation

MODELS

AUTO136V	PUSH Operator for 36" Door Opening, Alluminum	**AUTO136X**	PUSH Operator for 36" Door Op Dark Bronze Powder Coat
AUTO236V	PULL Operator for 36" Door Opening, Alluminum	**AUTO236X**	PULL Operator for 36" Door Op Dark Bronze Powder Coat
AUTO336V	Operator for 36" Door Opening, (1) PULL arm, (1) PUSH arm, Alluminum	**AUTO336X**	Operator for 36" Door Opening, (1) PULL arm, (1) PUSH arm, Dark Bronze Powder Coat

Also available for 42" and 48" Door Openings as Single Operator - and 72", 84" and 96" Door Openings as Double Operator

CERTIFICATIONS

- ANSI/BHMA A156.19 certified Standard For Power Assist And Low Energy Power Operated Doors
- UL 325 Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems or use on fire and smoke check
- Meets ADA – Americans With Disabilities Act

ADA Compliant

FEATURES

Access Controls: The Auto EntryControl™ Low Energy Operator may be used with electric latch retraction devices, electric strikes, and other electric locking systems. A time delay function is built into the control sy eliminating the need for supplemental relays or controls. See Typical Systems Applications on pages 206 a



Activation: The Auto EntryControl™ Low Energy Operator can be activated with the press o switch. Virtually any form of "knowing act" can be used to initiate the operator making integ with existing systems easier. For the full line of activation devices that SDC offers see page



Push and Go Option: With the flip of a switch, the Auto EntryControl™ Low Energy Operator can be configured to activate and open based on a slight movement of the door. Utilizing this option eliminates the need for supplemental activation devices but does not preclude their use.

Hold-Open Timer: Upon receipt of an activation signal, the operator will power open the door from the closed position. The door may be held in the open position up to 30 seconds (compliance with ANSI/BHMA A156.19 requires the door to remain in the open position for a 5 second minimum). Additionally, a "hold-open" switch is provided to hold the door open for extended periods.

External Function Switches: The Auto EntryControl™ Low Energy Operator is equipped with external function switches providing basic controls.



- **Illuminated Power Switch:** Illuminated to be visible at night, the switch controls power to the operator motor. The Auto EntryControl™ Low Energy Operator functions as a manual closer with power off.
- **Mode Control Switch:** A three function switch is provided for control of the powered function of the operator. "Day" mode will engage the operator for normal powered operation with activation by push plate, "Push and Go", or signal from other "knowing act" device. "Night" mode disables the operator for normal powered operation; however, the operator can be configured to receive activation signals from a secure activation device such as a card reader for secure activation, generally from one side. Switching to "Hold-Open" mode will power the operator opening the door, holding it open indefinitely.





Obstruction Detection: During the opening cycle an obstruction function effectively reduces the possibility personal injury in accordance with A156.19. Additionally this feature prevents damage to door and/or surro structures. After a stall time-out, the door will close.

Power-Close Option: This switched feature can be used to control exterior openings that require additiona force to resist interior stack pressures and wind conditions that do not allow the door to close properly. Use feature to reduce heating and cooling loss and save energy and money.

Single Button, Self Tuning: The automatic setup button allows for easy setup.

Easy Installation: The motor assembly is removable and makes the back plate installation easy. It is achiev through the custom designed moun plate, which allows the motor-logic assembly to be detached from the mounting plate. Once the mounting secured to header of door, the moto assembly is easily re-installed and s into the mounting plate without any lifting, and therefore not requiring a



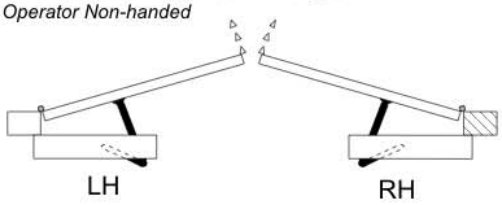
SPECIFICATIONS

Power Supply	115VAC @ 60Hz (+6%, -10%)
Power Consumption	100W
Current consumption	1A
Motor	24 VDC Permanent Magnet with Belt Driven Encoder
Header Dimension	4 1/2"H x 4 7/8"D
Fused Protection	3.5A Fuse (F1 located on I/O Board)
Weight	22 lbs per Operator Assembly
Ambient Operating Temperature	-4 to 131°F
Ingress Protection	IP23 - protection from spray water up to 60° from the vertical - i.e. Rainstorm
Maximum Door Weight	PUSH Arm / PULL Arm 36" Door: 438 lbs / 342 lbs 42" Door: 328 lbs / 256 lbs 48" Door: 254 lbs / 198 lbs

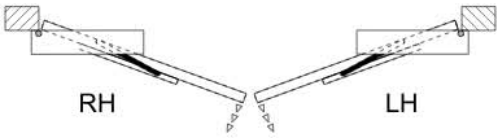
24 VDC Accessory / Lock Power Supply	24 VDC / 500 mA Tota
Adjustable Timers	Hold Open Time, Opening & Closing Spe
Standard Selector Switch Function	• Automatic • Hold Open • Manual (Off)
Standard Control Outputs	• Malfunction Alarm Si • Electric Lock Power • 24 VDC Accessory P • Door Status
Standard Control Inputs	• Interior Activation • Exterior Activation • Emergency Shutdow • Alarm Output • Safety Device Input
Maximum Degree of Opening	130°
Weight	32.2 lbs

DOUBLE DOOR CONFIGURATION

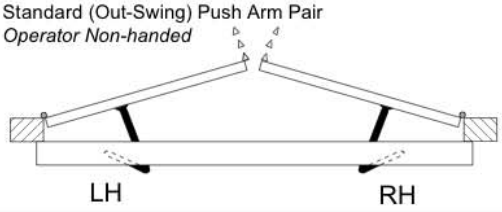
Standard (Out-Swing) Push Arm Singles
Operator Non-handed



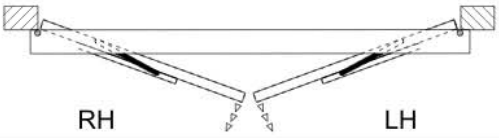
Standard (In-swing) Pull Slide Arm Singles
Operator Non-handed



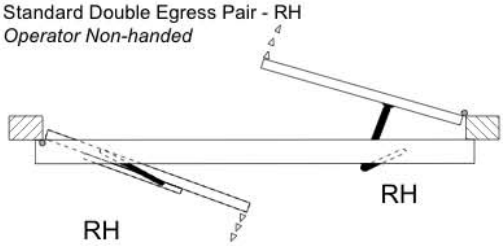
Standard (Out-Swing) Push Arm Pair
Operator Non-handed



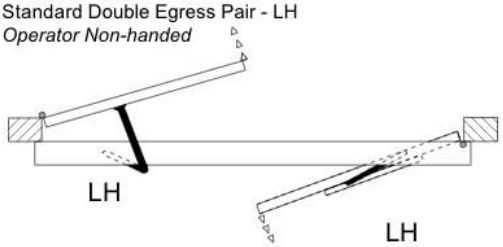
Standard (In-Swing) Pull Slide Arm Pair
Operator Non-handed



Standard Double Egress Pair - RH
Operator Non-handed



Standard Double Egress Pair - LH
Operator Non-handed



WARRANTY

Three years from the date of invoice

PACKAGE INCLUDES:

- Auto EntryOperator™ Low Energy Operator (Nc
- Standard Arm (PUSH side) or Track Arm (PULL