

# AO19 SERIES®

## AO19-3

### Low Energy Automatic Door Operators for Double Egress Doors

The AO19 Series Automatic Operator for double egress doors is an easy to install, heavy duty product for high use and high abuse low energy applications. The AO19 Series meets requirements for ANSI/BHMA A156.19 (American National Standard for Power Assist and Low Energy Power Operated Doors) and provides standard features that meet the requirements of the American Disabilities Act.



← AO19-3 Dual Egress

Shown with 21 Series  
Electric Latch  
Retraction (ER)

#### Benefits

- Economical operator provides safe and easy access in medium to high-traffic and security areas
- Provides ADA compliant access to handicap applications
- 115VAC power plug-in mounted in header
- Easy manual use
- Hanger plate allows quick installation
- Self-contained unit in an extruded case allows easy access for maintenance and adjustments
- Works with existing access control, locking and computer signal devices
- Quiet operation
- Reduced service calls due to heavy-duty construction
- 3-way low-voltage ON/OFF/HOLD switch for ease of service and setup
- Can be installed and adjustments can be made prior to electrician connecting building power

#### Features

- Available in single, pair (twin) for independent, simultaneous and dual egress openings
- Reverse on obstruction stalls a door during closing cycle and re-activates to open if an obstruction is sensed anytime before the latch position. Must be selected to activate.
- Adjustable delayed activation for sequenced vestibule doors
- Single voltage source required to operate
- Electric lock relay provides an adjustable delay before door opens to unlock an electric strike, maglock or other types of electric locks
- Push & Go (Use for Handicap) activates when door is manually pushed to open. Must be selected to activate.
- Power close applies a reverse power to aid in latch check position. Must be selected to activate.
- Adjustable closing speed

#### Mechanical Options

- RH Typical
- LH
- 75.5" - Fits above most pairs of 36" doors
- 92" - Fits above most 44" pairs of doors
- 100" - Fits above most 48" pairs of doors

## Accessories

- 104792 - Wireless Button Package (includes 2 push plates, box and receiver)

Call for available activation options

- NG-IR-A - Hardwired Touchless Activation Switch
- NXG-SW - Wireless Touchless Activation Switch
- PB-2048-3 - Mushroom switch, hard-wired

- PT5 - Power Transfer
- EWH8-626 - Electric Hinge
- DS-3681-630 - Electric Strike, cylindrical

## Technical Information

### Power Requirements

- 115VAC 60 HZ 6 amps

### Module -

- Activation input terminals
- Form C lock switch terminals
- Safety lock-out built in
- 17 additional features standard on board
- Reveal depth up to 2-1/2"

### Motor

- 115VDC rectified
- 1/8 hp
- 60:1 gearbox

### Enclosure -

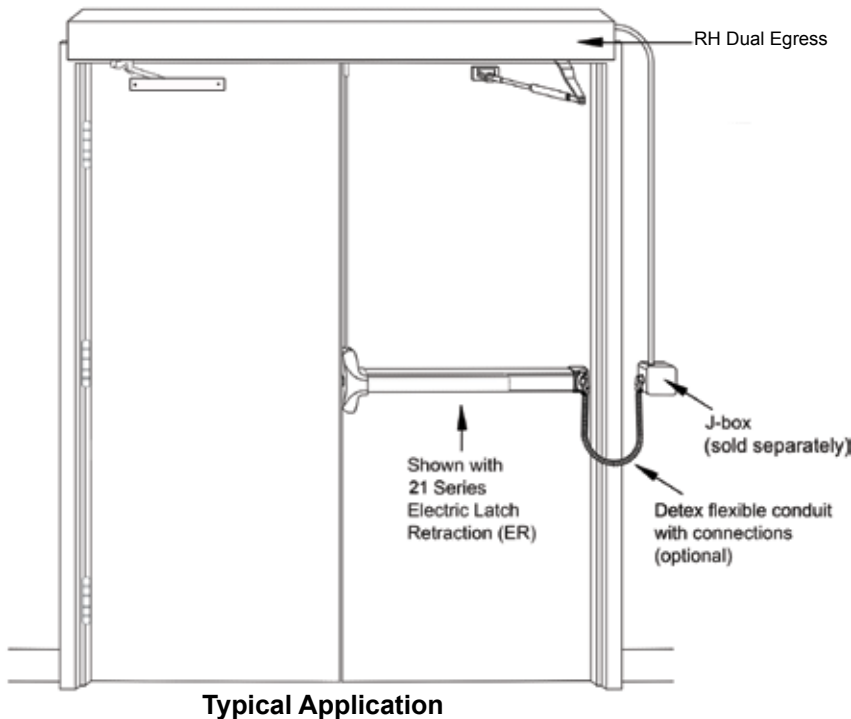
- 7" h x 4 1/2" d
- Approximately 100 lbs
- Aluminum extrusion
- For use on doors 300 lbs or less

## Finishes

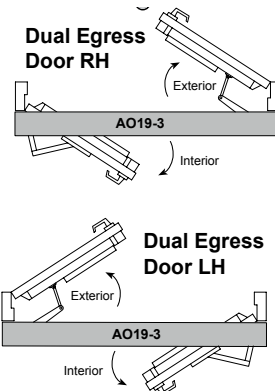
- AL - 204-Ri Clear: Arch. Class II anodized coating, AA-M12C22A31

- BZ - 313-Ri Dark Bronze: Arch. Class II Anodized coating, AA-M12C22A32

## Riser Diagram



## Handing Diagram



## Listings and Approvals



Certified to ANSI/UL 325  
Tested - ANSI 156.19



Meets ADA requirements



3-Hour Fire Listed

## Detex Limited Warranty

3 Year Mechanical / 1 year Electrical  
Limited Manufacturer's Warranty

*Where Trust is Built™*

**DETEX®**

*Life Safety, Security and Security Assurance*

Detex Corporation  
302 Detex Drive  
New Braunfels, Texas 78130-3045 USA  
PH. (830) 629-2900  
(800) 729-3839  
FAX (800) 653-3839  
<http://www.detex.com>  
USA Sales:  
[marketing@detex.com](mailto:marketing@detex.com)  
International Sales:  
[export@detex.com](mailto:export@detex.com)

Cancer & Reproductive Harm - [www.detex.com/prop65](http://www.detex.com/prop65)