



8420 - Independent Pair Operator

8420

Low Energy Auto Operator for Pair Door Openings
(Independent Operation)



Applications

For use on fire-rated and non-fire-rated openings
Exterior Doors: Yes (Interior side only)
Works on both outswing or inswing doors
Adjustable Opening Angle (Push): Max Degree of Swing
Manually 180°, Powered 100°
Adjustable Opening Angle (Pull): Max Degree of Swing
Powered 100°
Spring Adjustment: 5 lbs to 20 lbs closing force

PRODUCT SPECIFICATIONS

Accessories:

2-659-0228 ALM 50mm Extended Spindle
2-659-0229 DBZ 50mm Extended Spindle
2-659-0230 ALM Drop Plate for low ceiling applications
2-659-0230 DBZ Drop Plate for low ceiling application

Adjustable Swing Degree:

80 degrees to 180 degrees

Auxiliary Output:

24 VDC 500mA

Box Quantity:

1

Built-In Stop:

Manual swing to 180 degrees/ Power swing to 100 degrees

Certifications:

ANSI A156.19 compliant
UL/cUL Listed for up to 3-hours
UL10C Listed for Positive Pressure Rating
ADA compliant

Electrical Specifications:

Power Requirements: 115 VAC 60 HZ (Each Motor)
Current Draw: 3.0A (Each Motor)
Fuse Type: 2.0A, 5 x 20mm, Slo-Blo (Each Motor)
Auxiliary Output Voltage: 24 VDC 500mA (Each Motor)
Electric Lock Relay: 5.0A @ 28 VDC Form "C" SPDT (Each Motor)

Electric Lock Relay Type:

Form "C" SPDT

Features:

On-Board LCD display for advanced programming and diagnostics
Boost on close - selectable on/off
Operates as a manual closer with or without power
Onboard power supply for accessories i.e. electric and magnetic locks, sensors, etc.
Built-in adjustable door stop for protection against wind or abusive environments
Blow open function for smoke ventilation (alarm contacts)
Factory setting for ANSI 156.19 speed requirements AND hold time delay
On/Off/Hold Open Switch: Standard
Fire Alarm input shunts swing activations until FACP is manually reset
Memory is flash upgradeable

Finishes:

ALM of DBZ

Fire Alarm Input:

FA input shunts swing activations until FACP is manually reset

Hold Open:

1 sec to continuous

How To Order:

How to order form located in related files

Includes:

Appropriate door signage included with each operator

Installation:

Easy installation using pre-drilled mounting holes

Lock Relay Rating:

5.0A @ 28 VDC

Maximum Door Length:

5'

Maximum Door Weight:

350 lbs

On/Off/Hold Open Switch:

Standard

Operating Temperature:

- 40 degrees F to +140 degrees F

Product Name:

Independent Pair

Programmable Functionality:

Boost on Close (selectable On/Off)
Power Assist Close
Power Boost Close - motor assist under wind and stack pressure
Motor Hold Close
Power Open and Hold - for smoke evacuation
Adjustable Opening Force Limitation
Adjustable Opening and Closing Speeds
Adjustable Opening Angle
Adjustable Hold Open Time for Door Activators (5 sec to continuous)
Sequential Operation (push to open/push to close operation)



PRODUCT SPECIFICATIONS

For more information visit www.hagerco.com

Reveal:

Push Arm: up to 12" (Reveals greater than 12" contact technical support)

Pull Arm: up to 6"

Size:

5" H x 4-1/2" D x Length equals opening width plus 3"

Swing Direction:

Inswing/Outswing

Warranty:

2 Year