Hager’s Low Energy Power Operators provide an installer friendly, reliable option for the consistent opening and closing of your doors. They offer a smooth, quiet operation for applications that require an occasional automatic opening and provide control in necessary situations. Hager’s Low Energy Power Operator is manufactured to the highest quality and standards that customers have come to know and trust.
Hager Companies 8400 Series Low Energy Power Operator meets ANSI/BHMA A156.19 standards for power assist and low energy operators and is designed to meet the requirements of door openings that occasionally have the need for an automatic opening. These devices can be used on single and double doors including double egress applications. This door opening solution provides a consistent closing and opening of the door, which is especially beneficial in situations that require compliance with the Americans with Disabilities Act (ADA). The use of Hager’s Low Energy Power Operator provides easy access for not only people with disabilities, but also allows for manual operation of the door when necessary.

The 8400 Series is designed for ease of installation, allowing it to be installed by a single person. It also provides a quiet, smooth operation preventing any unwanted noise in the opening and surrounding area. The use of a digital display makes programming the operator uncomplicated and provides a resourceful tool for maintaining the device and assessing its status.

In addition to the Low Energy Power Operator, Hager offers a full range of actuators to be used in conjunction with the operator. The switches available for activation of the operator come in a variety of sizes and options, including wireless and hard wired. Hager also offers an option that exceeds the California Building Code, Section 1117B.6 by providing a push plate that meets height, reach range, and operation requirements for those with disabilities.

STANDARD APPLICATIONS

**Note: Optional arm shoe drop plate is available for applications with a top rail less than 5”. See page 9 for additional information.**
STANDARD APPLICATIONS (CONTINUED)

SINGLE OPERATOR

Hollow Metal Top Jamb Push 35mm Spindle

Hollow Metal Pull Side 20mm Spindle

DOOR OPENING WIDTH (DOW)

1/4" END CAP

1 1/2"

5 1/2" SPINDLE

1 1/4" END CAP

1 1/2"
ELECTRIFIED PRODUCTS

PAIRED OPERATOR

DOOR OPENING WIDTH (DOW)

1/4" END CAP

1 1/2"

SPINDLE 5 1/2"

DOUBLE EGRESS OPERATOR

BOTTOM OF OPERATOR SHOULD BE 1-1/4" ABOVE TOP OF DOOR PANEL(S)

OFFSET ARM with SLIDE TRACK

50mm Adapter

STANDARD ARM
SINGLE OPERATOR PAIRED WITH MECHANICAL CLOSER

OPERATOR HANDING IDENTIFICATION

PUSH SIDE MOUNTING WITH STANDARD ARM

LH  INTERIOR
EXTERIOR

RH  LHR  INTERIOR

RHR  INTERIOR

PULL SIDE MOUNTING WITH TRACK ARM

LH  INTERIOR
EXTERIOR

RH  LHR  INTERIOR

RHR  INTERIOR

Note: Specify leaf to receive operator.
**ELECTRIFIED PRODUCTS**

**PARTS AND ASSEMBLY DETAILS**

- 1. Adjusting screw for spring tension
- 2. Output shafts for arms & stop
- 3. Drive Unit
- 4. Closing spring
- 5. Multifunction push button/control
- 6. Terminal blocks for I/O
- 7. Microprocessor control
- 8. Motor drive circuit board
- 9. Slide switch S1 (rotating direction)
- 10. Power supply
- 11. Fuse (2.0A, 5 x 20mm, Slo-Blo)
- 12. Power supply circuit board
- 13. Onboard programmer
- 14. On/Off/Open rocker switch
- 15. Status LED and reset push button

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>84</th>
<th>18</th>
<th>A</th>
<th>36&quot;</th>
<th>ALM</th>
<th>LH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>18 - Single Operator</td>
<td></td>
<td></td>
<td>ALM - Aluminum</td>
<td><strong>Handing</strong></td>
</tr>
<tr>
<td>19 - Pair - Simultaneous</td>
<td></td>
<td></td>
<td></td>
<td>DBZ - Dark Bronze</td>
<td>RHR/LH - Left Hand</td>
</tr>
<tr>
<td>20 - Pair - Independent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LHR/RH - Right Hand</td>
</tr>
<tr>
<td>21 - Pair - Double Egress - Simultaneous</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22 - Pair - Double Egress - Independent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23 - Single Operator Paired with 5100 Series Mechanical Closer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application***
- A - Push Side of Door
- B - Pull Side of Door

**Size***
- 36" - 36" (single)
- 72" - 72" (double)

**Finish**
- ALM - Aluminum
- DBZ - Dark Bronze

---

* Note: Push side of door comes with standard arm. Pull side of door comes with track arm.

** Additional sizes available. See page 7 for additional information.**
8400 Series
Low Energy Power Operator

- Ideal for manual openings that occasionally require an automatic opening
- Push or pull side mounting
- Quiet operation eliminates noise in sensitive areas
- Activated manually via wall switches or radio frequency devices

MODELS
8418 Single Operator (Handed)
8419 Simultaneous Pair - 2 units, 1 controller - doors operate at the same time.
8420 Independent Pair - 2 units, 2 controllers - doors operate independently from each other.
8421 Double Egress Simultaneous Pair - 2 units, 1 controller - doors swing in opposite direction at same time.
8422 Double Egress Independent Pair - 2 units, 2 controllers - doors swing in opposite direction at different times.
8423 Single Operator paired with 5100 Series Mechanical Closer for inactive door (Handed)

Note: * Must specify push or pull side mount for all operators except double egress applications.
* Specify handing when ordering the 8418 and 8423.

FEATURES
- Single person installation
- Pre-drilled mounting holes for ease of installation
- Built-in adjustable door stop for protection against wind or abusive environments
- Interfaces with electric door hardware
- Operates as a mechanical closer if power is disconnected
- Obstacle recognition upon opening and closing
- Onboard power supply
- Blow open function for smoke ventilation
- Boost on close - selectable on/off

FINISHES
ALM Aluminum (ALM)
DBZ Dark Bronze (DBZ)

SPECIFICATIONS

Electrical

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Requirements:</td>
<td>115 VAC 60 Hz</td>
</tr>
<tr>
<td>Current Draw:</td>
<td>3.0A</td>
</tr>
<tr>
<td>Auxiliary Output Voltage:</td>
<td>24 VDC 500mA</td>
</tr>
<tr>
<td>Fuse Type:</td>
<td>2.0A, 5 x 20mm, Slo-Blo</td>
</tr>
<tr>
<td>Electric Lock Relay Type:</td>
<td>Form &quot;C&quot; SPDT</td>
</tr>
<tr>
<td>Lock Relay Rating:</td>
<td>5.0A @ 28 VDC</td>
</tr>
</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>5”h x 4-1/2”d x Door Opening Width + 3”</td>
</tr>
<tr>
<td>Reveal</td>
<td>Up to 12” standard</td>
</tr>
<tr>
<td>Max Door Weight</td>
<td>350 lbs</td>
</tr>
<tr>
<td>Standard Door Sizes - Single:</td>
<td>36” - 48”</td>
</tr>
<tr>
<td>Double:</td>
<td>60” - 96”</td>
</tr>
</tbody>
</table>

Mechanical

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Adjustment:</td>
<td>5 lbs to 20 lbs closing force</td>
</tr>
<tr>
<td>Max Degree of Swing:</td>
<td>180°</td>
</tr>
<tr>
<td>On/Off/Hold Open Switch:</td>
<td>Standard</td>
</tr>
<tr>
<td>Swing Direction:</td>
<td>Inswing/Outswing</td>
</tr>
<tr>
<td>Operating Temperature:</td>
<td>-40°F to +140°F</td>
</tr>
</tbody>
</table>

Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hold Open Time:</td>
<td>1 sec to continuous</td>
</tr>
<tr>
<td>Built-in-Stop:</td>
<td>Manual swing to 180°</td>
</tr>
<tr>
<td>Fire Alarm Input:</td>
<td>Power swing to 100°</td>
</tr>
<tr>
<td>Internal Display:</td>
<td>FA input shunts swing activations until FACP is manually re-set</td>
</tr>
<tr>
<td>Battery Backup Size:</td>
<td>Min 1500VA</td>
</tr>
<tr>
<td>Memory Type:</td>
<td>Flash Upgradeable</td>
</tr>
<tr>
<td>Adjustable Swing Degree:</td>
<td>80° to 180°</td>
</tr>
</tbody>
</table>

Certifications

<table>
<thead>
<tr>
<th>Certification</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI:</td>
<td>Meets A156.19</td>
</tr>
<tr>
<td>Warranty:</td>
<td>2 years</td>
</tr>
<tr>
<td>UL/cUL:</td>
<td>Listed for up to 3 hours</td>
</tr>
<tr>
<td>UL10C:</td>
<td>Positive Pressure Rated</td>
</tr>
</tbody>
</table>

Wire diagrams can be found by visiting www.hagerco.com.
8400 SERIES ARMS AND SPINDLES

**2-659-0151 | 2-659-0152**
Track Arm
- 20mm spindle
- For use on pull side of the door
- 2-659-0151 is ALM, 2-659-0152 is DBZ

**2-659-0153 | 2-659-0154**
Standard Arm
- 35mm spindle
- For use on push side of the door
- 2-659-0153 is ALM, 2-659-0154 is DBZ

**2-659-0220 | 2-659-0221**
Standard Arm - Double Egress
- 50mm spindle
- For use on push side of the door
- 2-659-0220 is ALM, 2-659-0221 is DBZ

**2-659-0222 | 2-659-0223**
Track Arm - Double Egress
- 20mm spindle
- Offset adaptor
- For use on pull side of the door
- 2-659-0222 is ALM, 2-659-0223 is DBZ

**2-659-0224 | 2-659-0225**
Replacement Spindle
- 20mm
- For use with delayed egress or track arm assembly
- 2-659-0224 is ALM, 2-659-0225 is DBZ

**2-659-0226 | 2-659-0227**
Replacement Spindle
- 35mm
- For use with standard single and standard pair applications
- 2-659-0226 is ALM, 2-659-0227 is DBZ

**2-659-0228 | 2-659-0229**
Replacement Spindle
- 50mm
- For use with push side standard arm - double egress only
- 2-659-0228 is ALM, 2-659-0229 is DBZ
8400 SERIES ACCESSORIES

2-659-0230 | 2-659-0231
Drop Plate
• For use with low ceiling clearance
• 2-659-0230 is ALM, 2-659-0231 is DBZ

2-659-0232 | 2-659-0233
Cover for Single Operator
• 36" length
• Powder coated
• Anodized aluminum
• 2-659-0232 is ALM, 2-659-0233 is DBZ

2-659-0234 | 2-659-0235
Cover for Dual Operators
• 72" length
• Powder coated
• Anodized aluminum
• 2-659-0234 is ALM, 2-659-0235 is DBZ

2-659-0236
Power Supply
• On-board replacement
• Power requirements: 115 VAC 60 Hz
• Output Voltage: 24 VDC 500mA

2-659-0237
RELAY BOARD
• 24VDC
• Current draw: 40mA
• Contact rating: 5amp/220 VAC or 28VDC DPDT contacts
8400 SERIES ACTUATORS AND ACCESSORIES

4.5" Square Actuator
- Hard wired and wireless (Hard wired standard)
- Beveled edges
- Graphics embossed onto the faceplate for durability
- 304 grade stainless steel finish - scratch resistant

Note: For wireless version, must order receiver and transmitter separately.

MODELS
2-659-0172
Push to Open text and logo
2-659-0173
Handicap logo only

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: 16 gauge, 304 stainless steel
Backplate: 1/8” thick aluminum
Fasteners: 6 - 32” x 1” and 8 - 32” x 1” Allen Head mounting screws
Cherry Switch: Single-pole, 15A/COM/NO/NC contacts
Compatible Wireless Frequencies: 433 MHz

OPTIONS
2-659-0174
Surface Mount Box for 4.5" Square Actuator
- Provides adequate space for wireless transmitters
- Simplified installation for applications with space limitations
- Black finish

2-659-0241
Universal Backplate
- For use when mounting actuator to bollard post
- Stainless steel finish
8400 SERIES ACTUATORS AND ACCESSORIES

6" Square Actuator
• Hard wired and wireless (Hard wired standard)
• Beveled edges
• Graphics embossed onto the faceplate for durability
• 304 grade stainless steel finish - scratch resistant

Note: For wireless version, must order receiver and transmitter separately.

MODELS
2-659-0169 Push to Open text and logo
2-659-0170 Handicap logo only

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: 16 gauge, 304 stainless steel
Backplate: 1/8" thick aluminum
Fasteners: 6 - 32" x 1" and 8 - 32" x 1" Allen Head mounting screws
Cherry Switch: Single-pole, 15A/ COM/NO/NC contacts
Compatible Wireless Frequencies: 433 MHz

OPTIONS
2-659-0171 Surface Mount Box for 6" Square Actuator
• Provides adequate space for wireless transmitters
• Simplified installation for applications with space limitations
• Black finish
ELECTRIFIED PRODUCTS

8400 SERIES ACTUATORS AND ACCESSORIES

4.5" Round Actuator
- Hard wired and wireless (Hard wired standard)
- Beveled edges
- Graphics embossed onto the faceplate for durability
- 304 grade stainless steel finish - scratch resistant

Note: For wireless version, must order receiver and transmitter separately.

MODELS
2-659-0165
2-659-0166

Push to Open text and logo
Handicap logo only

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: 16 gauge, 304 stainless steel
Backplate: 1/8" thick aluminum
Fasteners: 6 - 32" x 1" and 8 - 32" x 1" Allen Head size: 5/64"
Cherry Switch: Single-pole, 15A. COM/NO/NC contacts
Compatible Wireless Frequencies: 433 MHz

OPTIONS
2-659-0167
Surface Mount Box for 4.5" Round Actuator
- Provides adequate space for wireless transmitters
- Simplified installation for applications with space limitations
- Black finish

2-659-0168
Weather Ring for 4.5" Round Actuator
- Provides protection against moisture and weather elements

2-659-0241
Universal Backplate
- For use when mounting actuator to bollard post
- Stainless steel finish
### 8400 SERIES ACTUATORS AND ACCESSORIES

**6” Round Actuator**
- Hard wired and wireless (Hard wired standard)
- Beveled edges
- Graphics embossed onto the faceplate for durability
- 304 grade stainless steel finish - scratch resistant  
**Note:** For wireless version, must order receiver and transmitter separately.

**MODELS**
- 2-659-0161
- 2-659-0162

Push to Open text and logo
Handicap logo only

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Finish</th>
<th>US32D with blue text and logo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faceplate</td>
<td>16 gauge, 304 2B stainless steel</td>
</tr>
<tr>
<td>Backplate</td>
<td>1/8&quot; thick aluminum</td>
</tr>
<tr>
<td>Fasteners</td>
<td>6 - 32&quot; x 1&quot; and 8 - 32&quot; x 1&quot; Allen Head size: 5/64&quot;</td>
</tr>
<tr>
<td>Cherry Switch</td>
<td>Single-pole, 15A/COM/NO/NC contacts</td>
</tr>
<tr>
<td>Compatible Wireless Frequencies</td>
<td>433 MHz</td>
</tr>
</tbody>
</table>

**OPTIONS**
- 2-659-0163
  - Surface Mount Box for 6” Round Actuator
    - Provides adequate space for wireless transmitters
    - Simplified installation for applications with space limitations
    - Black finish

- 2-659-0164
  - Weather Ring for 6” Round Actuator
    - Provides protection against moisture and weather elements
ELECTRIFIED PRODUCTS

8400 SERIES ACTUATORS AND ACCESSORIES

1.5” x 4.75” Jamb Actuator
- Hard wired and wireless (Hard wired standard)
- Beveled edges
- Graphics embossed onto the faceplate for durability
- 304 grade stainless steel finish - scratch resistant

Note: For wireless version, must order receiver and 3-volt transmitter separately.

MODELS
2-659-0175
Push to Open text and logo
2-659-0176
Handicap logo only

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: 16 gauge, 304 stainless steel
Backplate: 1/8” thick aluminum
Fasteners: 6 - 32” x 1” and 8 - 32” x 1” Allen Head mounting screws
Cherry Switch: Single-pole, 15A/COM/NO/NC contacts
Compatible Wireless Frequencies: 433 MHz

OPTIONS
2-659-0177
Surface Mount Box for Jamb Actuator
- Provides adequate space for wireless transmitters
- Simplified installation for applications with space limitations
- Black finish
8400 SERIES ACTUATORS AND ACCESSORIES

36" Low Profile Actuator
- Hard wired and wireless
- Graphics embossed onto the faceplate for durability
- Mounts to any flat surface
- Weather resistant

MODELS
2-659-0178 Push to Open text and logo - Wireless
2-659-0179 Push to Open text and logo - Hard wired

FEATURES
- 36" x 36" activation area and low profile 1" depth
- Four separate switches to allow activation from any angle
- 2-659-0178 wireless version includes 433 MHz wireless transmitter
- Due to various mounting types, no fasteners are supplied with the actuator
- Exceeds California Building Code, Section 1117B.6

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: Stainless steel
Base Material: Aluminum
Compatible Transmitter Frequencies: 433 MHz
ELECTRIFIED PRODUCTS

8400 SERIES ACTUATORS AND ACCESSORIES

4.75" Vestibule Actuator
- Hard wired and wireless (Hard wired standard)
- Beveled Edges
- Graphics embossed onto the faceplate for durability
- 304 grade stainless steel finish - scratch resistant
- Interfaces with 2-659-0187 Programmable Relay and Door Sequencer for automatic sequencing applications
- Conserves energy and provides entrapment protection

MODEL
2-659-0242

Push to Open text and logo

SPECIFICATIONS
Finish: US32D with blue text and logo
Faceplate: 16 gauge, 304 stainless steel
Base Material: 1/8" thick aluminum
Fastners: 6 - 32" x 1", 8 - 32" x 1" stainless steel
Cherry Switch: Single-pole, 15A, COM/NO/NC contacts
Compatible Wireless Frequencies: 433 MHz

OPTIONS
2-659-0243

Surface Mount Box for 4.75" Vestibule Actuator
- Provides adequate space for wireless transmitters
- Simplified installation for applications with space limitations
- Black finish
8400 SERIES ACTUATORS AND ACCESSORIES

Bollard Post
- For use with Hager’s 4.5” square (2-659-0172 | 2-659-0173) and 4.5” round (2-659-0165 | 2-659-0166) actuators
- Can be mounted on existing or newly poured concrete
- UV resistant plastic cap allows for wireless transmissions

MODELS
2-659-0180
2-659-0181
2-659-0182

Black Powder Coat
Bronze Powder Coat
Silver Powder Coat

SPECIFICATIONS
Material: Carbon steel
Mounting Bracket: Stainless steel
Dimensions: 41.5” H x 6.25” W x 4.25” D (with cap attached)
Weight: 35 lbs.
Fastners: Screws, expansion anchors, washers and nuts
Note: Push plates not included - must order separately
ELECTRIFIED PRODUCTS

8400 SERIES ACTUATORS AND ACCESSORIES

433 MHz Transmitters and Receiver
- Universally compatible with any type of automatic door application
- Used for wireless activation or sequencing of doors
- Receiver can be programmed with up to 100 transmitters
- Activation of transmitter utilizes a rolling code providing a protected signal

MODELS

2-659-0183
433MHz Receiver

2-659-0184
3-Volt Hard Wired, One Button Transmitter

2-659-0185
9-Volt Hard Wired, One Button Transmitter

2-659-0186
Wireless, One Button Transmitter

FEATURES
- Transmitters can be programmed to multiple receivers
- Optional delay - no delay programming
- Toggle or pulse mode selectable by DIP switch
- Red LED on receiver verifies transmission and delivers troubleshooting assistance
- Red LED on transmitter ensures transmission and battery life

SPECIFICATIONS
Frequency: 433 MHz
Input Voltage: 12 to 24 VAC/VDC
Radio Control Type: Digital
Emitted Radio Power: -28.7dBm (transmitter)
Number of Transmitters per Receiver: 100 maximum transmitters
LED Functions: Red = Relay Activity
Blue = Receiver / Transmitter Learn
Dimensions: Receiver - 2.75" x 2.125" x 1.0"
Transmitter - 2.75" x 1.375" x 0.6"
Certifications: CE, FCC, IC
FUNCTIONS

<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>SUBJECT</th>
<th>MOST COMMON APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 (MC10)</td>
<td>Simple Timer</td>
<td>Time delay relay</td>
</tr>
<tr>
<td>11 (MC11)</td>
<td>Ratchet / Latching</td>
<td>Push to open / Push to close</td>
</tr>
<tr>
<td>21 (LE21)</td>
<td>Inhibitor with Door Position Input</td>
<td>Automatic swing door with push plate, approach side SuperScan is inhibited when door is closed</td>
</tr>
<tr>
<td>22 (LE22)</td>
<td>2 relay Sequence Inhibitor with Door Position Input</td>
<td>Automatic swing door with push plate, approach side SuperScan and Electric Strike. SuperScan is inhibited when door is closed</td>
</tr>
<tr>
<td>25 (MC25)</td>
<td>2 Relay Sequence</td>
<td>Automatic swing door with a push plate and electric locking devices</td>
</tr>
<tr>
<td>28 (MC28)</td>
<td>2 Relay Sequence with Door Position Input</td>
<td>Automatic swing door with a push plate and electric locking devices with a door position switch to prevent the delay from running during a recycle</td>
</tr>
<tr>
<td>29 (MC29)</td>
<td>Relay 1 Deactivation Timer</td>
<td>Automatic swing door or sliding door with an electric locking device and door position switch to prevent lock from reengaging before door closes completely</td>
</tr>
<tr>
<td>35 (MC35)</td>
<td>3 Relay Sequence</td>
<td>Two door vestibule with automatic swing doors and single electric locking device</td>
</tr>
<tr>
<td>50 (M50)</td>
<td>Interlock Timer with Door Position Inputs</td>
<td>Interlock module that will only allow one door to open at a time and can be used with any automatic or manual door</td>
</tr>
<tr>
<td>55 (M55)</td>
<td>Interlock Ratchet with Door Position Inputs</td>
<td>Interlock module that will only allow one door to open at a time with a ratchet / latching function and can be used with any automatic or manual door</td>
</tr>
<tr>
<td>65 (M65)</td>
<td>2-Way, 2 Relay Sequence</td>
<td>Two door vestibule sequencing with automatic swing doors traveling in either direction</td>
</tr>
<tr>
<td>75 (MC75)</td>
<td>2 Relay Sequence</td>
<td>Automatic swing door with a push plate and electric locking devices</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>12 to 24 V AC / DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>30 to 130 mA; DRY Output</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-15° to 150°F</td>
</tr>
<tr>
<td>Dimensions</td>
<td>5.2” x 2.2” x 1.0”</td>
</tr>
<tr>
<td>Housing Material</td>
<td>Gray ABS Plastic</td>
</tr>
<tr>
<td>Input Specification</td>
<td>1 to 4; DRY Contact</td>
</tr>
<tr>
<td>WET Input</td>
<td>5 to 24 V AC / DC</td>
</tr>
</tbody>
</table>

Contact Rating DRY
- Relay #1: 3 A @24 VAC / 30 VDC
- Relay #2: 3 A @24 VAC / 30 VDC
- Relay #3: 1 A @24 VAC / 30 VDC

Contact Rating WET
- Relay #1: 1 A

Note: Functions 10, 11, 50, 55 and 65 are NOT compatible with the WET input.