Dimensions in millimeters (inch) unless otherwise stated

Electromechanical Rotary Latches
Overview

- Push-to-close, electronic release
- High electromechanical release load
- Minimal power draw
- Optional door sensor
- Mechanical over-ride
- 5VDC, 12VDC and 24VDC options

R4-EM-9 Series – Full-featured
The microprocessor controlled R4-EM 9 Series delivers next generation electronic rotary latching. All inputs are routed through the internal microprocessor, allowing expanded programing capability and customization of latch functionality. Extended housing provides added protection of the cam and an integrated trigger sensor provides indisputable lock/unlock status reporting. Additionally, the 9 Series offers a door retention feature which allows a door or panel to remain in the closed position until it is ready to be opened.

R4-EM-8 Series – Basic functionality
The R4-EM 8 Series combines the efficient and robust performance of a rotary latch mechanism with simplified DC motor actuation. The R4-EM 8 Series is available with or without an extended housing option to accommodate door sensing and to provide added protection of the locking cam. Additionally, the 8 Series is available with an integrated connector and mechanical override bracket, and features simple, concealed two-hole installation.

R4-EM 5 & 7 Series – Outdoor use
The R4-EM Outdoor provides reliable electronic access control in demanding environments. With its corrosion-resistant plated-steel or stainless steel outer body construction and fully-sealed internal actuator, the R4-EM Outdoor provides reliable electronic locking that is resistant to moisture and dust. The embedded electronic control allows integration with an external control system and flexible, concealed installation accommodates a variety of outdoor applications.

R4-EM 4 & 6 Series – Lightweight
The R4-EM Light Duty delivers proven electronic access control in a compact, lightweight integrated package. Easy push-to-close operation and simple installation make it an ideal solution for transitioning from mechanical to electronic access. The R4-EM Light Duty is available in both auto re-lock and delayed re-lock versions for added flexibility. Multiple mounting configurations and a compact size afford easy integration into existing designs.

R4-EM 1 & 2 Series – All-metal construction
The original, all-metal construction R4-EM delivers the convenience of electronic access control with the security of a proven, robust, all-metal rotary latch. Easy push-to-close operation and electronic actuation simplify access across a wide variety of applications. The R4-EM series accepts access control signals from access control devices as well as networked systems. An optional internal microswitch provides an output signal to remotely monitor latch status or control external systems.

www.southco.com/R4-EM
**Auto Relock Operation Style**

1. The signal unlocks the R4-EM latch and releases the spring loaded cam which rotates out to push a lightweight door open. The mechanism will cycle through unlatched then relatched state automatically, regardless of input signal on time.

2. Push door closed to engage striker after unlock time has expired. Striker will rotate cam to closed position.

**Delayed Relock Operation Style**

1. The signal unlocks the R4-EM latch leaving a biased closed door in the closed position. The unlock time is controlled by the access control device.

2. Manually pull door/striker free from R4-EM latch.

3. Manually push door closed. Striker will rotate cam to closed position, however latch will remain unlocked and can be re-opened as long as signal is present.

4. After accessing the door, the signal can be removed to re-lock the R4-EM. This can be done with the door in the open or closed position.
R4-EM-05 Series Electromechanical Rotary Latch
Compact Size · Door Sense Option
Electronic access with internal motor control

- Push-to-close, electronic release
- Compact design
- Sensors ensure secure latch & door
- Latch releases reliably even under high load
- Integrated mechanical over-ride

Part Number Selection

<table>
<thead>
<tr>
<th>T</th>
<th>Operation Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>05A</td>
<td>Auto relock</td>
</tr>
<tr>
<td>05D</td>
<td>Delayed relock</td>
</tr>
</tbody>
</table>

See page 21 for operation details

<table>
<thead>
<tr>
<th>S</th>
<th>Sensor Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Latch Sensor Only</td>
</tr>
<tr>
<td>5</td>
<td>Latch &amp; Door Sensor*</td>
</tr>
</tbody>
</table>

* Door sensor requires door sensor bracket

<table>
<thead>
<tr>
<th>M</th>
<th>Mounting Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4.5mm thru</td>
</tr>
<tr>
<td>1</td>
<td>8-32 UNC</td>
</tr>
<tr>
<td>2</td>
<td>M4x0.7</td>
</tr>
</tbody>
</table>

Installation
Panel Preparation

Dimensions in millimeters (inch) unless otherwise stated
Optional Striker and Door Sensor Bracket

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Molded Striker</th>
<th>R4-0-61336</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Door Sensor Bracket</td>
<td>R4-99-966</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Wire Form Striker</th>
<th>R4-0-71060</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Door Sensor Bracket</td>
<td>R4-99-966-1</td>
</tr>
</tbody>
</table>

Material and Finish
Housing: PC/ABS
Latch frames, Pivot pins, Cam and Trigger: Steel, zinc plated
Striker: Steel, zinc plated or Glass-filled nylon, black
Door Sensor Bracket: PC/ABS, Magnet: Neodymium
Recommended Operating Voltage: 5 to 12 VDC
Typical Operating Current: Less than 500mA

Latch Connector
PIN Assignment
PIN 1: Ground (-)
PIN 2: Power (+)
PIN 3: Not connected
PIN 4: Control signal
PIN 5: Latch status
PIN 6: Door status

Electronic Actuators
See page 48

Mechanical Actuators
See page 34

Cables
See page 322

Wiring/Junctions
See www.southco.com

* Door sensor bracket required for door sense capability

Dimensions in millimeters (inch) unless otherwise stated
- Push-to-close, electronic release
- High electromechanical release load
- Minimal power draw
- Integrated connector
- Extended housing for added security
- Door and Trigger Sensor
- Microswitch to detect latch status
- Mechanical over-ride with integrated cable bracket
- 12VDC to 24VDC operations
- Efficient DC gear motor actuation
- Detent mechanism for pull-open function
- Simple two-hole installation

Latch Wiring Connections

Part Number Selection

R4-EM 9 Series Electromechanical Rotary Lock
Concealed cam
Electronic access with internal motor control
**Installation**

Panel Preparation

<table>
<thead>
<tr>
<th>Base Mounting Style</th>
<th>Recommended minimum mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4-20 thread</td>
<td>Ø 7.2 (.283)</td>
</tr>
<tr>
<td>M6 thread</td>
<td>Ø 6.9 (.272)</td>
</tr>
<tr>
<td>Thru hole</td>
<td>Ø 7.6 (.300)</td>
</tr>
</tbody>
</table>

**Operation**

See page 21 for operating instructions

**Accessories**

Striker Bolt or Cast Striker
See page 36

Cable Mounting Kit
See page 37

**Material & Finish**

- Top Housing: PC/ABS or Aluminum
- Bottom Housing: PC/ABS or Zinc, Die Cast
- Pivot Pins: Steel, zinc plated
- Cam, Trigger: Steel, sealed
- Springs: Stainless steel passivated
- Trigger Interlock Lever: Glass-filled nylon
- Bistable Spring Retainer: Zinc Alloy
- Drive Cam: Acetal, black
- Output Cam: Acetal, white

**Electrical Specifications**

Recommended Operating Voltage: 12 to 24 VDC
Typical Operating Current:
- 12 V Models: Less than 500mA
- 24 V Models: Less than 200mA

**Latch Connector**

- PIN 1: Ground (-)
- PIN 2: Power (+)
- PIN 3: Control Signal
- PIN 4: Latch Status
- PIN 5: None
- PIN 6: Door status

**Electronic Actuators**

See page 48

**Mechanical Actuators**

See page 34

**Cables**

See page 322

**Wiring/Junctions**

See www.southco.com

Dimensions in millimeters (inch) unless otherwise stated
**R4-EM 8 Series Electromechanical Rotary Lock**

**Door sensor option • Extended housing option**

Electronic access without internal motor control

- Push-to-close, electronic release
- Auto relock functionality
- Minimal power draw
- Integrated connector
- Extended housing option for added security
- Optional door sensor
- Microswitch to detect latch status
- Mechanical over-ride with integrated cable bracket
- Efficient DC motor actuation
- Simple two-hole installation

**Extended Housing**

This version is required when using door sensor.

**Standard Housing**

(Dimensions are the same as above, except as noted.)

**Part Number Selection**

<table>
<thead>
<tr>
<th>Base Mounting Style</th>
<th>Integrated Door Sensor</th>
<th>Voltage</th>
<th>Packaging Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4-20 thread</td>
<td>None</td>
<td>24 volts</td>
<td>None Individually packaged</td>
</tr>
<tr>
<td>2 M6 thread</td>
<td>3 Yes (Extended housing only)</td>
<td>24 volts</td>
<td>1 Bulk packaged</td>
</tr>
<tr>
<td>3 Ø 7.0 (.27) thru hole</td>
<td></td>
<td>12 volts</td>
<td></td>
</tr>
</tbody>
</table>

*Dimensions in millimeters (inch) unless otherwise stated*
Dimensions in millimeters (inch) unless otherwise stated
R4-EM 5 & 7 Series Electronic Rotary Latch
Sealed motor · Stainless steel housing option
Electronic access with internal motor control

- Motor actuator sealed against water and dust ingress to IP56
- Corrosion resistant plated-steel and stainless steel options
- Push-to-close, electronic release
- Versatile rotary mechanism
- Concealed latching
- Microprocessor control
- Auto or delayed relock functionality
- Minimal power draw
- Optional internal micro-switch for latch status
- Simple mechanical over-ride

Dimensions in millimeters (inch) unless otherwise stated

Part Number Selection

**T** Trigger Style
5 Auto re-lock, side trigger, with kick-out spring
7 Delayed re-lock, side trigger, with light spring
R5 Auto re-lock, rear trigger, with kick-out spring
R7 Delayed re-lock, rear trigger, with light spring

**B** Base Mounting Style
1 1/4-20 thread
2 M6 thread
3 Ø 7.0 (.27) thru hole

**A** Alternate Configurations
None Standard configuration
2 Strong (kick out) cam spring (delayed relock)
3 High strength cam (steel cam only) **M** = none only
4 High strength cam with strong (kick out) cam spring (delayed relock, steel cam only) **M** = none only

**P** Packaging Options
None Individually packaged
1 Bulk packaged

**C** Connector Options
1 Non-sealed connector
2 No connector (stripped and tinned)
3 Sealed connector

**S** Switch Options
3 No switch
6 Internal latch status switch
### Installation

**Panel Preparation**

<table>
<thead>
<tr>
<th>Base Mounting Style</th>
<th>Recommended minimum mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4-20 thread</td>
<td>Ø 7.2 (.283)</td>
</tr>
<tr>
<td>M6 thread</td>
<td>Ø 6.9 (.272)</td>
</tr>
<tr>
<td>Thru hole</td>
<td>Ø 7.6 (.300)</td>
</tr>
</tbody>
</table>

### Operation

See page 21 for operating instructions

### Accessories

**Striker Bolt or Cast Striker**
See page 36

**Cable Mounting Kit**
See page 37

### Material & Finish

**Mechanism**
- Housing, Cam, Trigger, Pins: Zinc nickel plated steel or stainless steel
- Springs: 300 Series stainless steel

**Electronic Actuator**
- Housing: PC/ABS
- Bellows, Wire seal: Silicone
- Perimeter Seal: Buna
- Cams: Acetal
- Grommet: TPE

### Electrical Specifications

**Recommended Operating Voltage:**
- 12 to 24 Volt DC

**Typical Operating Current** (average at no load):
- Less than 600mA at 12 VDC

**Input Signal Current Draw:**
- 25mA Maximum at 24 VDC

**Micro-switch Rating:**
- 3A Maximum at 12VDC

### Wire Color Code / Connector Pin Assignment:

**PIN 1:** Brown: Ground (-)
**PIN 2:** Red: Power 12 to 24 Volts DC
**PIN 3:** Orange: Control Signal 12 to 24 Volts DC
**PIN 4:** Black: Microswitch Common Contact
**PIN 5:** Blue: Microswitch N.O. Contact
**PIN 6:** Grey: Microswitch N.C. Contact

### Electronic Actuators
See page 48

### Mechanical Actuators
See page 34

### Cables
See page 322

### Wiring/Junctions
See www.southco.com

Dimensions in millimeters (inch) unless otherwise stated
**R4-EM 4 & 6 Series Electronic Rotary Latch**

Compact size · Lightweight
Electronic access with internal motor control

- Light weight construction
- Auto re-lock and delayed re-lock version
- Push-to-close, electronic release
- Versatile rotary mechanism
- Concealed latching
- Microprocessor control
- Minimal power draw
- Simple mechanical over-ride
- Optional internal microswitch for latch open/close output signal

**Latch Wiring Connections**

With Connector
Molex Microfit 3.0 series

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 1</td>
<td>PIN 2</td>
</tr>
<tr>
<td>PIN 3</td>
<td>PIN 4</td>
</tr>
<tr>
<td>PIN 6</td>
<td>PIN 5</td>
</tr>
<tr>
<td>PIN 1 Indicator</td>
<td></td>
</tr>
</tbody>
</table>

**Part Number Selection**

- **Packaging Options**
  - None
  - Individually packaged
  - Bulk packaged

- **Connector Options**
  - With connector
  - Without connector

- **Switch Options**
  - No switch
  - Internal latch status switch

**Dimensions in millimeters (inch) unless otherwise stated**
Installation
Panel Preparation

<table>
<thead>
<tr>
<th>Base Mounting Style</th>
<th>Recommended minimum mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-24 thread</td>
<td>Ø 5.6 (.220)</td>
</tr>
<tr>
<td>M5 thread</td>
<td>Ø 5.9 (.232)</td>
</tr>
<tr>
<td>Thru hole</td>
<td>Ø 6.1 (.240)</td>
</tr>
</tbody>
</table>

Operation
See page 21 for operating instructions

Accessories
Striker Bolt
See page 36

Cable Mounting Kit
See page 37

Material & Finish
Housings: PC/ABS
Cam: Glass-filled nylon
Trigger: PBT
Springs: Stainless Steel
Pins: Steel, zinc plated

Electrical Specifications
Recommended Operating Voltage: 12 to 24 VDC
Typical Operating Current (average at no load): Less than 600mA at 12VDC
Input Signal Current Draw: 25mA
Maximum
**Optional microswitch closes upon latch closure
Microswitch Rating: 3A Max at 12 VDC

Wire Color Code / Connector Pin Assignment:
PIN 1: Brown: Ground (-)
PIN 2: Red: Power 8 to 26 Volts DC
PIN 3: Orange: Control Signal 8 to 26 Volts DC
PIN 4: Black: Microswitch Common
PIN 5: Blue: Microswitch N.O. Contact
PIN 6: Grey: Microswitch N.C. Contact

Dimensions in millimeters (inch) unless otherwise stated
R4-EM 1 & 2 Series Electronic Rotary Latch
All-metal construction
Electronic access with internal motor control

- High strength, steel construction
- Operates against high mechanical loads
- Push-to-close, electronic release
- Versatile rotary mechanism
- Concealed latching
- Microprocessor control
- Minimal power draw
- Simple mechanical override
- Optional internal microswitch for latch open/close output signal

Latch Wiring Connections
With connector
Molex Microfit 3.0 series

Without connector

Part Number Selection

<table>
<thead>
<tr>
<th>Trigger Styles</th>
<th>Base Mounting Style</th>
<th>Alternate Configurations</th>
<th>Packaging Options</th>
<th>Connector Options</th>
<th>Switch Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Auto relock, side trigger, with kick-out spring</td>
<td>1/4 - 20 thread</td>
<td>Standard configuration</td>
<td>None (Individually packaged)</td>
<td>1 With connector</td>
<td>3 No switch</td>
</tr>
<tr>
<td>2 Delayed relock, side trigger, with light spring</td>
<td>M6 thread</td>
<td>Strong (kick out) cam spring (delayed relock)</td>
<td>1 Bulk packaged</td>
<td>2 Without connector</td>
<td>6 Internal latch status switch</td>
</tr>
<tr>
<td>R1 Auto relock, rear trigger, with kick-out spring</td>
<td>Ø 7.0 (.27) thru hole</td>
<td>High strength cam</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R2 Delayed relock, rear trigger, with light spring</td>
<td></td>
<td>High strength cam with strong (kick out) cam spring (delayed relock)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dimensions in millimeters (inch) unless otherwise stated

**Installation**

**Panel Preparation**

<table>
<thead>
<tr>
<th>Base Mounting Style</th>
<th>Recommended minimum mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4-20 thread</td>
<td>Ø 7.2 (.283)</td>
</tr>
<tr>
<td>M6 thread</td>
<td>Ø 6.9 (.272)</td>
</tr>
<tr>
<td>Thru hole</td>
<td>Ø 7.6 (.300)</td>
</tr>
</tbody>
</table>

**Operation**

See page 21 for operating instructions

**Accessories**

**Striker Bolt or Cast Striker**
See page 36

**Cable Mounting Kit**
See page 37

**Material & Finish**

**Mechanism**
Housing: Steel, zinc plated
Cam, trigger: Steel, zinc plated
Springs: 300 Series stainless steel
Pins: Steel, zinc plated

**Electronic Actuator**
Housing: PC/ABS
Cam / follower: Acetal

**Electrical Specifications**

Recommended Operating Voltage: 12 to 24 Volt DC
Typical Operating Current: Less than 500mA at 12 VDC
Peak/Stall Operating Current: 1 A
Standby Current: 185uA
Input Signal Current Draw: 25mA

**Wire Color Code / Connector Pin Assignment:**

**12V**
- PIN 1: Brown: Ground (-)
- PIN 2: Red: Power 8 to 26 Volts DC
- PIN 3: Orange: Control Signal 8 to 26 Volts DC
- PIN 4: Black: Microswitch Common
- PIN 5: Blue: Microswitch N.O.
- PIN 6: Grey: Microswitch N.C.

**24V**
- PIN 1: Brown: Ground (-)
- PIN 2: Red: Power 8 to 26 Volts DC
- PIN 3: Orange: Control Signal 8 to 26 Volts DC
- PIN 4: Black: Microswitch Common
- PIN 5: Blue: Microswitch N.O.
- PIN 6: Grey: Microswitch N.C.

**Contact**

www.southco.com/R4-EM
Southco now offers a standard solution for remote mechanical actuation of the R4-EM Electronic Rotary Latch. The cable based solution provides a simple means of mechanically releasing the electronic lock in the event of electrical power loss providing fully redundant access.

**Installation**

1. Mount cable mounting bracket to R4-EM series latch with 2 rivets
2. Snap retainer over cable to hold in place against bracket
3. Slide ball end of cable out and slip wire into notch of manual override lever
4. Slide threaded fitting into slot in mounting bracket and secure in place with 2 mounting nuts
5. Pull wire tight and insert end into hole in actuator cable retainer and secure with hex head screw

**PT Latch Option** See Pages 202 – 203

**E5 Push to Close Option** See Pages 166 - 167

---

- Adapts to any standard Southco R4-EM Electronic Rotary Latch
- Choose from flat key or tubular key cam latch for remote key lock
- Simple installation with multiple adjustments and customized cable lengths to suit any application.
- Accommodates clockwise or counter clockwise key rotation for latch release
How to Order
Step 1 Select mechanical override lock and corresponding AC actuator assembly and AC cable bracket

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Latch Rotation Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5 Actuator</td>
<td>A5-99-136</td>
<td></td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC Cable Bracket</td>
<td>AC-0-49617-11-R</td>
<td>E5-T-LF-TL-1K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>See pages 166 - 167</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC Cable Bracket</td>
<td>AC-0-49617-11-L</td>
<td>E5-T-LF-TR-1K</td>
</tr>
<tr>
<td></td>
<td></td>
<td>See pages 166 - 167</td>
</tr>
</tbody>
</table>

Step 2 Determine mechanical cable length required

<table>
<thead>
<tr>
<th>Mechanical Cable</th>
<th>Part Number</th>
<th>Latch Rotation Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-C0H0-4-LLLL-TTT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LLL - Length from behind ball end to end of cable
TTT - Raw cable extension portion of LLLL length

Step 3 Order cable mounting kit (one per R4-EM latch). See page 36 to select the kit to match your application.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-EM-52</td>
<td></td>
</tr>
<tr>
<td>R4-EM-72</td>
<td></td>
</tr>
<tr>
<td>R4-EM-87</td>
<td></td>
</tr>
<tr>
<td>R4-EM-952</td>
<td></td>
</tr>
</tbody>
</table>
R4-EM Electronic Rotary Latch
Strikers

Material and Finish
Striker bolts: Steel, zinc plated or stainless steel
Cast strikers: Zinc alloy
*Note: Latch and striker installation details can be found on the latch trade drawing at www.southco.com.

Striker Bolt - Large
Part number R4-90-121-10
R4-90-121-20

Striker Bolt - Small
Part number R4-90-511-20

Cast Striker with Door Sensor Part number R4-90-804-10*
Cast Striker without Door Sensor Part number R4-90-800-10*

Dimensions in millimeters (inch) unless otherwise stated

www.southco.com/R4-EM
R4-05 Electronic Rotary Latch
Compact · Sealed · Electronic Access

- Push-to-close, electronic release, pull-to-open
- Versatile rotary mechanism
- Concealed latching
- Minimal power draw

Wire Color Code / Connector
Pin Assignment:
PIN 1: Extend (+), Orange Wire
PIN 2: Retract (+), Red Wire
PIN 3: Ground (-), Black Wire
PIN 4: Not used
PIN 5: Not used
PIN 6: Not used

Latch Wiring Connections
With Connector
Molex Microfit 3.0 series

Part Number Selection
R4 - 05 - 5 B - 9E C 1 - 20

B Base Mounting Style
0 Thru holes
5 Adhesive backing

Connector Options
B 12V, with connector
F 5V, with connector
K 12V, without connector
P 5V, without connector

Dimensions in millimeters (inch) unless otherwise stated
R4-05 Electronic Rotary Latch
Compact · Sealed · Electronic Access

Installation
Panel Preparation

Material & Finish
Mechanism:
Housings: Stainless Steel
Cam, trigger: Stainless Steel
Springs: Steel, zinc plated
Pins: Stainless Steel

Electronic Actuator:
Enclosure, Output Cam: Nylon, Acetal
Housing Assembly Screws:
Stainless Steel

Electrical Specifications
Supply Voltage: 5 or 12VDC
Operating Current:
Less than 300 mA
Operating Temperature:
-20°C - 60°C
Operating Humidity: 85% max
No condensation

Notes:
Connector version uses Molex brand Microfit 3.0
Visit southco.com to download further installation and operation details.

Electronic Actuators
See page 48

Surface Mounted Strikers
See page 290

Rod Mounted Strikers
See page 233A - 233B

Dimensions in millimeters (inch) unless otherwise stated
R4-EM Electronic Rotary Latch
Cable mounting kits

Cable Mounting Kit
Part number R4-EM-52 – Rivets included
Part number R4-EM-72 – Screws included

Part number R4-EM-87 – Rivets included
Part number R4-EM-952

Material and Finish
Cable mounting kits: Glass-filled nylon, black

*Note: Latch and striker installation details can be found on the latch trade drawing at www.southco.com.

<table>
<thead>
<tr>
<th>Cable Mounting Kit</th>
<th>R4-EM-52</th>
<th>R4-EM-72</th>
<th>R4-EM-87</th>
<th>R4-EM-952</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-EM-9</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>R4-EM-8</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>R4-EM-5 &amp; 7</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>R4-EM-4 &amp; 6</td>
<td>✔</td>
<td>✔</td>
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