AC-EM-05 Electro-Mechanical Actuator
Compact size

- Compact, low power, push only electrical actuator
- Versatile solution for implementing electrical actuation
- Economical upgrade for Southco R4-05 Rotary Latch from mechanical to electrical actuation
- Available with or without connector

Material & Finish
Enclosure, Output Cam: Nylon, Acetal; Black
Housing Assembly Screws: Steel, zinc plated

Electrical Specifications
Supply Voltage: 5V +/- 10%
Operating Current: Less than 300mA at 5 VDC
Operating Temperature: -20°C - 60°C

Notes
*Mount using the 3.25 dia through holes or with thread forming screws (M4) for plastic.

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<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connector Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-EM-050-5010</td>
<td>with Molex brand Microfit 3.0 connector</td>
</tr>
<tr>
<td>AC-EM-050-5020</td>
<td>without connector (stripped and tinned)</td>
</tr>
</tbody>
</table>

Optional Mounting Kit
For R4-05-XX-505 Rotary Latches (latch and actuators sold separately)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-EM-020-1</td>
<td>Left hand mounting kit</td>
</tr>
<tr>
<td>AC-EM-020-2</td>
<td>Right hand mounting kit</td>
</tr>
</tbody>
</table>

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Dimensions in millimeters (inch) unless otherwise stated
AC-EM-10 Electro-Mechanical Actuator
Compact Size

- Efficient gear motor driven actuator
- Sealed to IP55
- Versatile solution for Electrically actuating latching mechanisms
- Economical upgrade for Southco R4-10 Rotary Latch from mechanical to electrical actuation
- Available with 3 Pin Connector or stripped and tinned

Material & Finish
Enclosure, Output Cam: Nylon, Acetal
Housing Assembly Screws: Stainless steel

Electronic 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

Optional Mounting Kit
For R4-10 Rotary Latches (latch and actuators sold separately)

Part Number | Supply Voltage | Connector Type
--- | --- | ---
AC-EM-100-5011 | 5V | with Molex brand Microfit 3.0 connector
AC-EM-100-5021 | 5V | without connector (stripped and tinned)
AC-EM-100-1011 | 12V | with Molex brand Microfit 3.0 connector
AC-EM-100-1021 | 12V | without connector (stripped and tinned)

Note: For Bulk Packaging, add -1 suffix to part number

Latch mounting screws not supplied in kit