



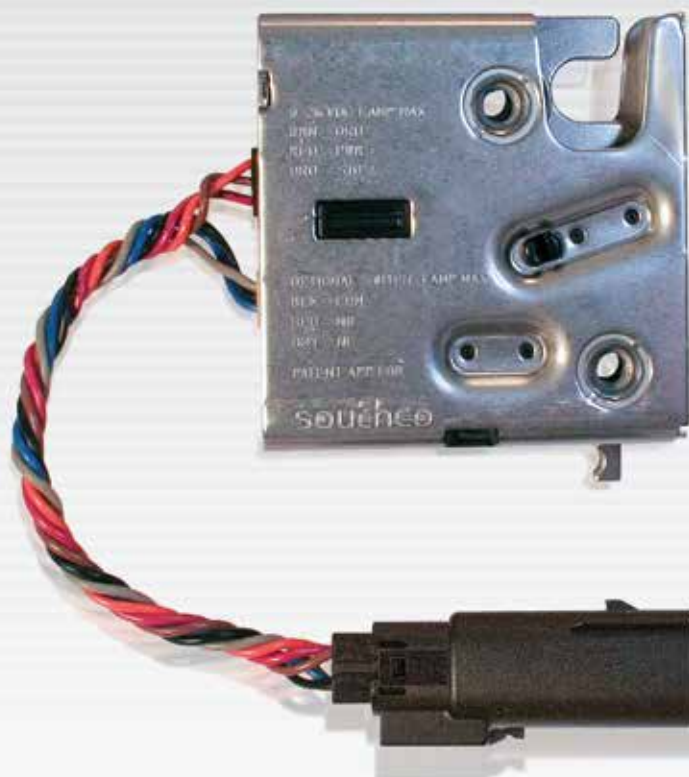
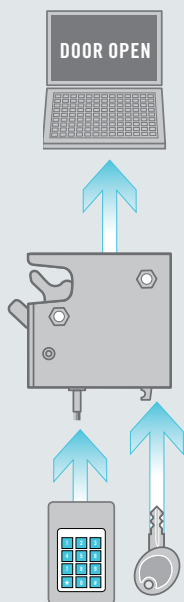
R4-EM Outdoor Electronic Rotary Latch

Electronic access

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- **Push-to-close, electronic release**
- **Versatile rotary mechanism**
- **Motor actuator sealed against water and dust ingress to IP56**
- **High strength plated-steel and stainless steel options**
- **Concealed latching**
- **Microprocessor control**
- **Delayed re-lock functionality**
- **Minimal power draw**
- **Optional internal micro-switch for latch status**
- **Simple mechanical over-ride**

The R4-EM Electronic Rotary Latch with sealed actuator and plated-steel or stainless steel outer body construction provides a versatile electromechanical latch solution for outdoor and corrosive environments. Add a 12-24 Volt DC power supply and any access control device for a secure, concealed electronic access solution. The internal micro-switch options provide an output signal to remotely monitor latch status and control external systems.



R4-EM Outdoor Electronic Rotary Latch

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Part Number Selection

T Trigger Style

- 7 Delayed Relock, Side Trigger
- R7 Delayed Relock, Rear Trigger

B Base Mounting Style

- 1 1/4-20 Threaded Mounting
- 2 M6 Threaded Mounting
- 3 Thru Hole Mounting

A Alternate Configurations

- None Light Cam Spring
- 2 Strong (Kick Out) Cam Spring

C Connector Options

- 1 Non-sealed Connector
- 2 No Connector (Stripped and Tinned)
- 3 Sealed Connector

P Packaging Options

- None Individually Packaged
- 1 Bulk Packaged

M Material Options

- None Steel, Zinc-Nickel Plated
- B Stainless Steel, Passivated

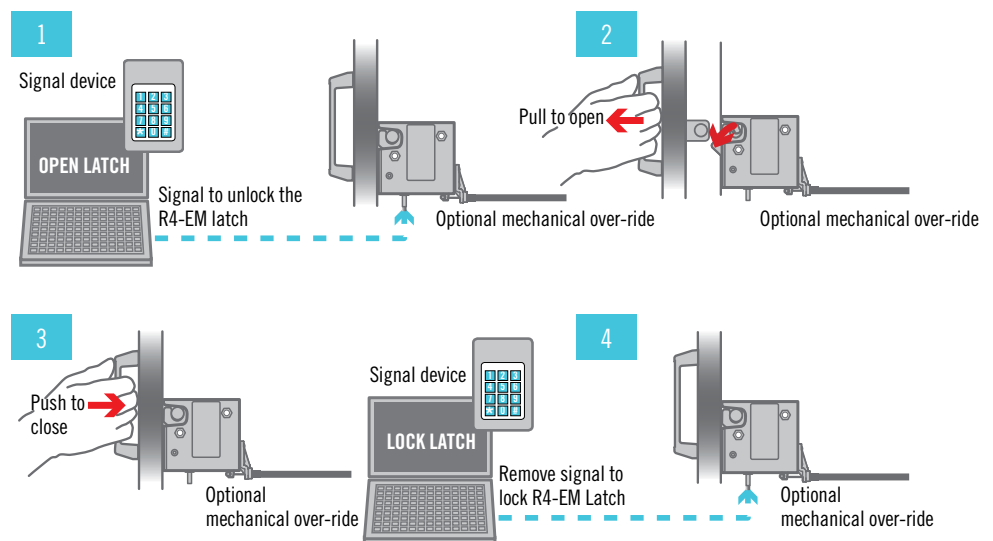
S Switch Options

- 3 No Switch
- 6 Single Switch (Cam Only)

R4-EM - T B A - 1 S C - P M

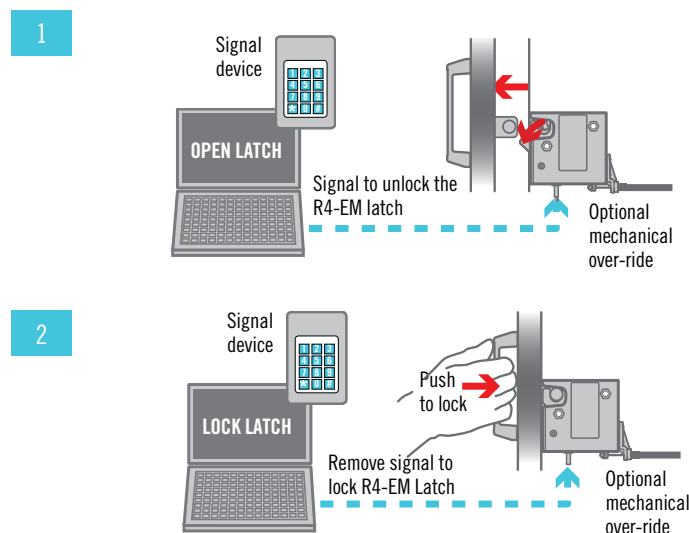
Operation - Light Cam Spring

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



Operation - Strong Cam Spring

- The signal unlocks the R4-EM latch and releases the spring loaded cam which rotates out to push a lightweight door open. The unlock time is controlled by the access control device.
- Push door closed to engage striker after unlock time has expired. Striker will rotate cam to closed position.





The proven global leader in engineered access solutions

The advantage of over 65 years of engineered access hardware and fastener experience lies in our cumulative applications knowledge and engineering expertise that make our broad range of existing solutions possible. In addition, our global manufacturing resources benefit OEMs and CEMs worldwide - no matter where they design, assemble, or sell. Southco offers flexibility and fast response:

- **Engineering assistance on your schedule.** Southco engineering resources in three key regions - North America, Europe, and Asia-Pacific - provide easy access to more than 150 design and sales engineers globally.
- **Quick turnaround, on your timetable.** 14 strategically located Southco manufacturing, assembly, and stocking facilities - in 8 countries across 4 continents - shorten lead times, lower shipping costs, and improve scheduling.
- **Extensive capabilities for your benefit.** In-house resources - stamping, die-casting, cold-heading, roll-forming, turning, injection-molding, and assembly - at Southco Centers of Excellence around the world transform raw stock into polished solutions.
- **Personal assistance, as you need it.** The 24/7 availability of experienced Southco personnel - regardless of geographic location - delivers the timely attention you require.

Whatever your access hardware needs, no one offers more. Contact a Southco representative today, to discover all the possibilities.



Global Corporate Headquarters & Customer and Technical Support Center

Concordville, PA • USA

Tel: (1) 610 459 4000

Fax: (1) 610 459 4012

Canada Tel: (1) 905 855 0309

Mexico Tel: (1) 877 821 0666

Manufacturing & Stocking Locations

Chihuahua, Mexico

Concordville, Pennsylvania

Honeoye Falls, New York

Tecate, Mexico

Rockledge, Florida

Europe Customer & Technical Support Center

Worcester • UK

Tel: (44) (0) 1905 346722

Fax: (44) (0) 1905 346723

Austria Tel: 0800 281 831

France Tel: 0800 912 756

Germany Tel: 0800 1800 380

Italy Tel: 800 780 953

Spain Tel: 900 968917

Sweden Tel: 020 790 366

UK & NI Tel: 0845 117 9222

Manufacturing & Stocking Locations

Farnham, UK

Worcester, UK

Asia Customer & Technical Support Center

Hong Kong • China

Tel: (852) 3127 1503 • Fax: (852) 3127 1541

China Tel: 800 820 0272

Japan Tel: 00531 121672

Korea Tel: 0505 777 1234

Malaysia Tel: 1800 801 119

Singapore Tel: 800 18 11016

Taiwan Tel: 0800 558 015

Australia Customer Service and Distribution Center

Tullamarine • Victoria 3043 • Australia

Tel: (61) 03 9330-5000 • Fax: (61) 03 9330 - 5099

India Customer Service and Technical Support Center

Taluka Shirur • Pune 412208 • India

Tel: (91) (21) 3867 0538 • Fax: (91) (21) 3867 0588

Manufacturing & Stocking Locations

Hong Kong, China

Melbourne, Australia

Pune, India

Seoul, South Kor

Shanghai, China

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Tokyo, Japan

southco®
CONNECT • CREATE • INNOVATE

UNI-BIS Group
Dystrybutor

ul. Osiedle Leśne 1A
84-300 Łęborg, Polska

T/F: +48 59 863 14 17
E: biuro@uni-bis.com

uni-bis.com

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INDUSTRY SOLUTIONS