EA-R01 RF Controller

Electronic access

southco®
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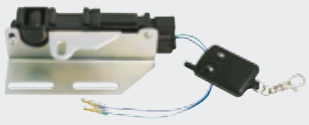
- **Durable, water-proof construction**
- **Dual sequenced output outputs minimize battery drain**
- **Fused 30 Amp outputs accommodate multiple latches**
- **Auxiliary light/horn output for visual/audible lock confirmation**
- **Labeled connections for easy setup**
- **Simple transmitter programming**
- **Integrate with any Southco Electromechanical latch solution**

Southco's EA-R01 series RF Controller provides peace of mind security with convenient and timesaving one touch remote locking and unlocking of multiple access points. With sealed electronics, high load capacity and simple installation, the controller is designed specifically for the environmental and storage needs of specialty vehicles, marine craft, recreational vehicles, off highway, and heavy duty trucks.

Recommended Southco EML solutions

R4-EM Electronic Rotary Latch

EM-99-124 Actuator



R4-99-308 Paddle Latch

UNI-BIS Group
Dystrybutor

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UNI·BIS INDUSTRY SOLUTIONS

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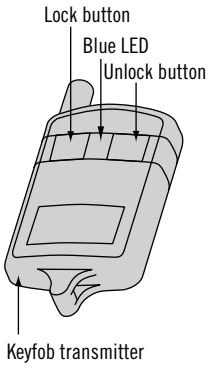
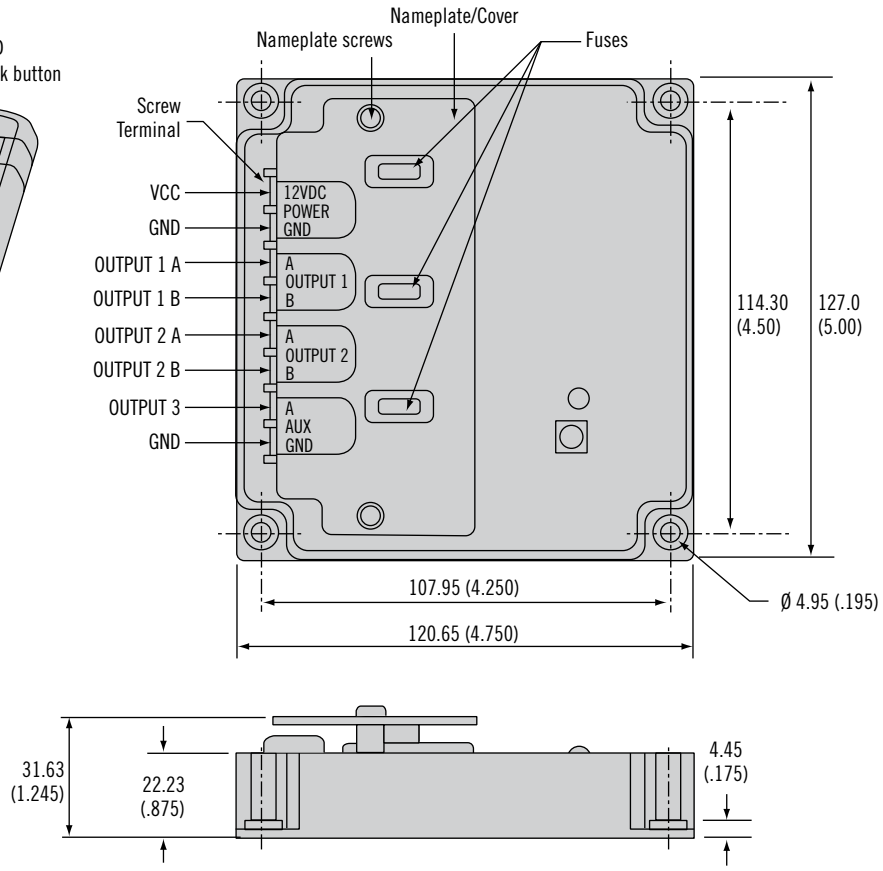
Transmitter



Receiver



RF Controller Kit Part Number: EA-R01
Includes 1 receiver (EA-R01-201) and 2 transmitters (EA-R01-101)

Operation

Shipped with two pre-programmed transmitters

Press transmitter “UNLOCK” button Controller will produce a 12VDC pulse for 200ms on output 1 terminal A, followed by a 300ms pause followed by a 200ms 12VDC pulse on output 2, terminal A

After another 300ms pause, the controller will produce two 400ms pulses separated by a 200ms pause on the auxiliary light/horn output

Press transmitter “LOCK” button Controller will produce a 12VDC pulse for 200ms on output 1 terminal B, followed by a 300ms pause followed by a 200 ms 12VDC pulse on output 2, terminal B

After another 300ms pause, the controller will produce one 400ms pulse on the auxiliary light/horn output

Simple push-button learn feature with LED feedback for enrolling transmitters. Note: EA-R01 shipped with 2 pre-programmed transmitters

Specifications

Receiver Power: 12VDC (± 25%)
Receiver Idle Current: ≤10mA
Receiver Operating Current: ≤30A momentary
Receiver Outputs: Output 1 & 2: 30A polarity reversing relays
Aux Output: 30A single pole relay
Operating Range: up to 30.4m (100 ft)

Operating Frequency: 340MHz
Coding Type: Fixed Code
Enclosure Rating: IP67
Transmitter Power: Type 23 12VDC battery
Receiver output fuses 15A Littelfuse 297 Series Mini® Fast-Acting automotive blade fuse or equivalent.

Connection Details

All electrical connections are made via screw terminals accessible by removing 2 screws and name plate

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