



EA-R01 RF Controller

Key fob actuator/receiver for outdoor applications

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

Specifications

Receiver Power: 12VDC ($\pm 25\%$)

Receiver Idle Current: $\leq 10\text{mA}$

Receiver Operating Current:
 $\leq 30\text{A}$ momentary

Receiver Outputs: Output 1 & 2:
30A polarity reversing relays

Aux Output: 30A single pole relay

Operating Range:
up to 30 m (100 ft)

Operating Frequency: 340MHz

Not for use outside North America

Coding Type: Fixed Code

Enclosure Rating: IP67

Transmitter Power:

Type 23 12VDC battery

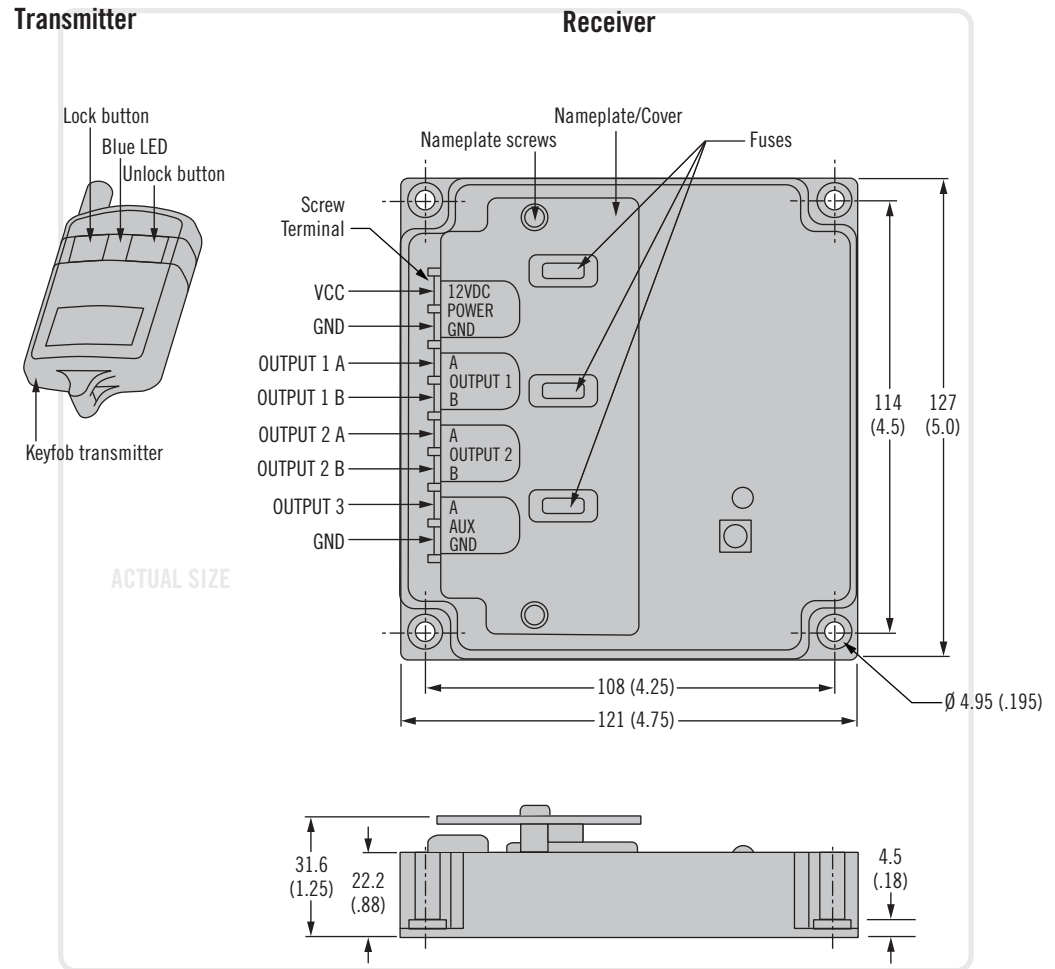
Receiver output fuses 15A Littelfuse

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

* *MINI* is a registered trademark of Littelfuse, Inc.



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 200ms 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

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/EA

Dimensions in millimeters (inch) unless otherwise stated

southco[®]
CONNECT · CREATE · INNOVATE