



EA-R01 RF Controller

Electronic access

- **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**

Recommended Southco EML solutions

R4-EM Electronic Rotary Latch



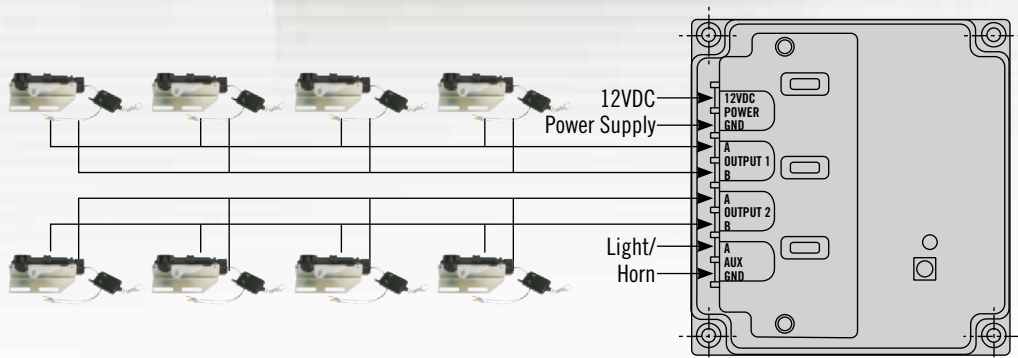
EM-99-124 Actuator



R4-99-308 Paddle Latch



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.



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

INFO CLIC www.southco.com/EA-R01

Dimensions in millimeters (inch) unless otherwise stated

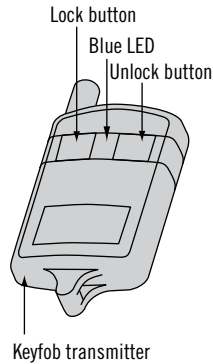
southco
CONNECT · CREATE · INNOVATE

EA-R01 RF Controller

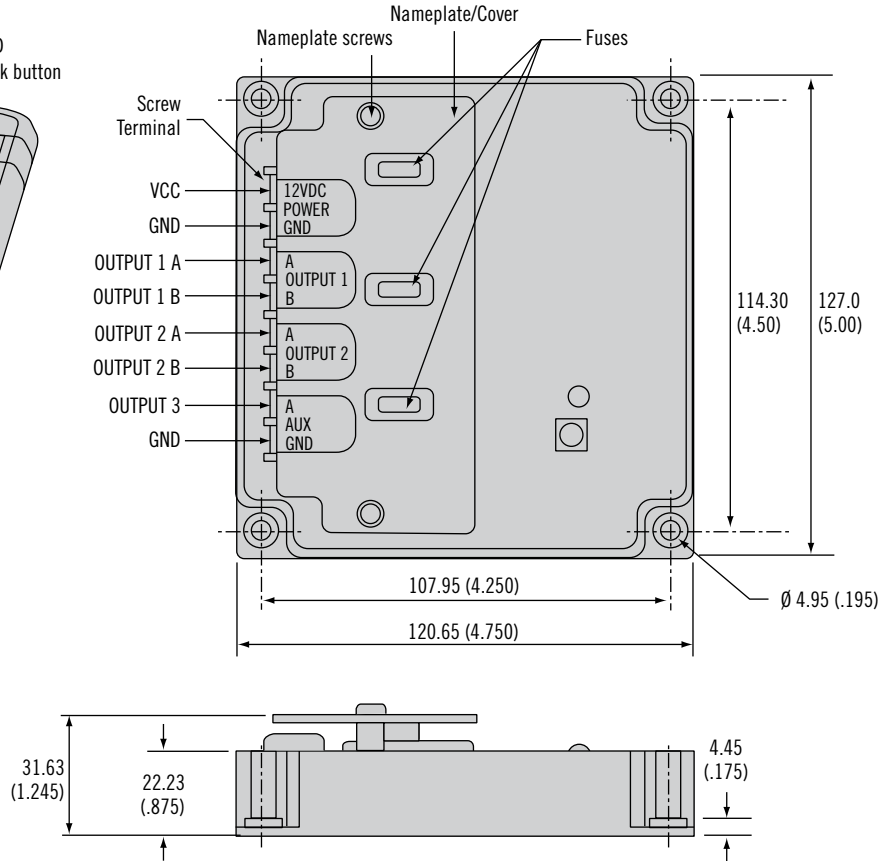
Electronic access



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 ($\pm 25\%$)
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 30.4m (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

Dimensions in millimeters (inch) unless otherwise stated

EA-99-134	EA-K1-010-9	EA-W01-100-01	EA-W01-52-206-A	EA-W20-401-51
EA-99-162	EA-K1-011	EA-W01-100-21	EA-W01-52-306	EA-W20-500
EA-99-163	EA-K1-011-9	EA-W01-106-52	EA-W01-52-306-52	EA-W20-501-01
EA-99-164	EA-K1-012	EA-W01-123-21	EA-W01-52-306-52-A	EA-W20-501-21
EA-99-166	EA-K1-012-9	EA-W01-1500	EA-W01-52-306-A	EA-W20-501-51
EA-99-175	EA-K1-020	EA-W01-200	EA-W01-523-21	EA-W20-A01-01
EA-99-177-010	EA-K1-020-9	EA-W01-200-01	EA-W01-52-406	EA-W20-A01-21
EA-99-177-020	EA-K1-021	EA-W01-200-21	EA-W01-52-406-52	EA-W20-A01-51
EA-99-177-050	EA-K1-021-9	EA-W01-200-51	EA-W01-52-406-52-A	EA-W20-B01-01
EA-99-177-100	EA-K1-022	EA-W01-206-52	EA-W01-52-406-A	EA-W20-B01-21
EA-99-177-250	EA-K1-022-9	EA-W01-223-21	EA-W01-52-506	EA-W20-C01-01
EA-99-177-500	EA-K3-033	EA-W01-23-106-52	EA-W01-52-506-52	EA-W20-D01-01
EA-99-286	EA-KC2-101	EA-W01-23-107	EA-W01-52-506-52-A	EA-W20-E01-01
EA-99-292	EA-KC2-102	EA-W01-23-107-03	EA-W01-52-506-A	EA-W21-100
EA-99-304	EA-KC2-103	EA-W01-23-206-52	EA-W01-52-A06	EA-W21-100-01
EA-A01-001	EA-KC2-104	EA-W01-23-207	EA-W01-52-A06-52	EA-W21-100-21
EA-A01-102	EA-KC2-201	EA-W01-23-207-03	EA-W01-52-A06-52-A	EA-W21-100-51
EA-A01-202	EA-P1-010	EA-W01-23-306-52	EA-W01-52-A06-A	EA-W21-100-52
EA-A02-001	EA-P1-010-9	EA-W01-23-307	EA-W01-A00-01	EA-W21-200
EA-A02-002	EA-P1-011	EA-W01-23-307-03	EA-W01-A00-51	EA-W21-200-01
EA-A02-002-1	EA-P1-011-9	EA-W01-23-406-52	EA-W01-A06-52	EA-W21-200-21
EA-A02-002-2	EA-P1-012	EA-W01-23-407	EA-W01-A17-21	EA-W21-200-51
EA-A02-002-3	EA-P1-012-9	EA-W01-23-407-03	EA-W01-A23-21	EA-W21-200-52
EA-A02-002-4	EA-P3-101-1	EA-W01-23-506-52	EA-W01-B00-01	EA-W21-300
EA-A02-003	EA-P3-200-1	EA-W01-23-507	EA-W01-B00-51	EA-W21-300-01
EA-A02-004	EA-P4-101	EA-W01-23-507-03	EA-W02-102-21	EA-W21-300-21
EA-A05-001	EA-P4-302	EA-W01-23-A06-52	EA-W02-103-01	EA-W21-300-51
EA-A05-002	EA-P4-502	EA-W01-23-A07	EA-W02-202-21	EA-W21-300-52
EA-A06-001	EA-P5-30004	EA-W01-300	EA-W02-203-01	EA-W21-400
EA-A10-001	EA-P5-30004-10	EA-W01-300-01	EA-W02-303-01	EA-W21-400-01
EA-A10-004	EA-P5-300-31	EA-W01-300-51	EA-W02-403-01	EA-W21-400-21
EA-A30-002	EA-P5-30200	EA-W01-301-03	EA-W02-502-21	EA-W21-400-51
EA-A80-002	EA-P5-30600	EA-W01-306-52	EA-W02-503-01	EA-W21-400-52
EA-BT-290-10	EA-P5-30800	EA-W01-323-21	EA-W02-503-51	EA-W21-500
EA-BT-4043-10	EA-P5-31000	EA-W01-400	EA-W02-A03-51	EA-W21-500-01
EA-BT-4043-10-A1	EA-P5-31000-10	EA-W01-400-01	EA-W03-307-03	EA-W21-500-21
EA-BT-4043-10-A3	EA-P5-31004	EA-W01-400-21	EA-W03-407-03	EA-W21-500-51
EA-BT-4043-10-B1	EA-P5-31004-10	EA-W01-400-51	EA-W03-507-03	EA-W21-500-52
EA-BT-4043-10-C1	EA-P5-31100	EA-W01-401-03	EA-W20-100	EA-W21-A00
EA-BT-4043-10-D1	EA-P5-31100-10	EA-W01-406-52	EA-W20-101-01	EA-W21-A00-01
EA-BT-4043-10-E1	EA-P5-31104	EA-W01-423-21	EA-W20-101-21	EA-W21-A00-21
EA-BT-4043-10-F1	EA-P5-31104-10	EA-W01-500	EA-W20-101-51	EA-W21-A03-02
EA-BT-4043-10-F2	EA-P5-31105	EA-W01-500-21	EA-W20-200	EA-W21-A25-21
EA-C1-011	EA-P5-31105-10	EA-W01-500-51	EA-W20-201-01	EA-W21-B00-21
EA-C1-011-9	EA-R01	EA-W01-501-03	EA-W20-201-21	EA-W21-C00-21
EA-C2-021	EA-R01-101	EA-W01-506-52	EA-W20-201-51	EA-W22-100
EA-C2-021-9	EA-R02	EA-W01-52-106	EA-W20-300	EA-W22-170-90
EA-C3-100	EA-R02-102	EA-W01-52-106-52	EA-W20-301-01	EA-W22-200
EA-C3-100-9	EA-R02-102-1	EA-W01-52-106-52-A	EA-W20-301-21	EA-W22-270-90
EA-C3-101	EA-R02-202	EA-W01-52-106-A	EA-W20-301-51	EA-W22-370-90
EA-C3-101-9	EA-R03	EA-W01-52-206	EA-W20-400	EA-W22-470-90
EA-C3-300-9	EA-R03-103	EA-W01-52-206-52	EA-W20-401-01	EA-W22-570-90
EA-K1-010	EA-W01-100	EA-W01-52-206-52-A	EA-W20-401-21	EA-W22-A70-90

EA-W23-103	EA-W70-320-71
EA-W23-103-83	EA-W70-420-70
EA-W23-203	EA-W70-420-71
EA-W23-203-83	EA-W70-520-70
EA-W23-303	EA-W70-520-71
EA-W23-303-83	EA-W70-A20-70
EA-W23-403	EA-W70-A20-71
EA-W23-403-83	EA-W82-170
EA-W23-503	
EA-W23-503-83	
EA-W23-A03-83	
EA-W24-103	
EA-W24-103-01	
EA-W24-203	
EA-W24-203-01	
EA-W24-303	
EA-W24-303-01	
EA-W24-403	
EA-W24-403-01	
EA-W24-503	
EA-W24-503-01	
EA-W24-A03	
EA-W24-A03-01	
EA-W24-A03-21	
EA-W25-A21	
EA-W26-A22	
EA-W52-106-80	
EA-W52-206	
EA-W52-206-52	
EA-W52-206-80	
EA-W52-306-80	
EA-W52-406-52	
EA-W52-406-80	
EA-W52-506	
EA-W52-506-52	
EA-W52-506-80	
EA-W52-606-52	
EA-W52-A06-80	
EA-W52-B06-80	
EA-W60-A12-61	
EA-W61-112	
EA-W61-212	
EA-W61-312	
EA-W61-412	
EA-W61-512	
EA-W61-912	
EA-W61-A12	
EA-W61-B12	
EA-W70-120-70	
EA-W70-120-71	
EA-W70-220-70	
EA-W70-220-71	
EA-W70-320-70	