

REFERENCE CHART

WIRE GAUGE SELECTION



In or Out... we make it Easy!®

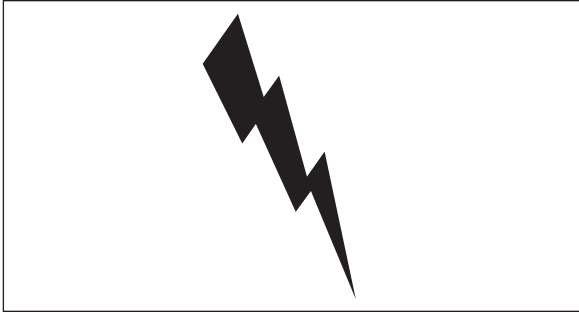
Total One-Way Length of Wire Run (ft.)	Load Current @ 24V							
	1/4A	1/2A	3/4A	1A	1-1/4A	1-1/2A	2A	3A
100	24	20	18	18	16	16	14	12
150	22	18	16	16	14	14	12	10
200	20	18	16	14	14	12	12	10
250	18	16	14	14	12	12	12	10
300	18	16	14	12	12	12	10	—
400	18	14	12	12	10	10	—	—
500	16	14	12	10	10	—	—	—
750	14	12	10	10	—	—	—	—
1000	14	10	10	—	—	—	—	—
1500	12	10	—	—	—	—	—	—

Total One-Way Length of Wire Run (ft.)	Load Current @ 12V							
	1/4A	1/2A	3/4A	1A	1-1/4A	1-1/2A	2A	3A
100	20	18	16	14	14	12	12	10
150	18	16	14	12	12	12	10	—
200	16	14	12	12	10	10	—	—
250	16	14	12	10	10	10	—	—
300	16	12	12	10	10	—	—	—
400	14	12	10	—	—	—	—	—
500	14	10	10	—	—	—	—	—
750	12	10	—	—	—	—	—	—
1000	10	—	—	—	—	—	—	—
1500	10	—	—	—	—	—	—	—

Wire Gauge Chart courtesy of Electronic Locking Devices by John L. Schum

Maintenance of RCI Electric Strikes

Incorrect adjustments or handling of electric strikes during and after installation could damage these high quality precision products and invalidate the normal warranty. To avoid this, please note the following:



Use proper voltage

Standard electric strikes operate reliably provided the proper voltage is applied. If too high a voltage is applied to the coil of the strike, it will be damaged. If the voltage is too low it will not operate properly.



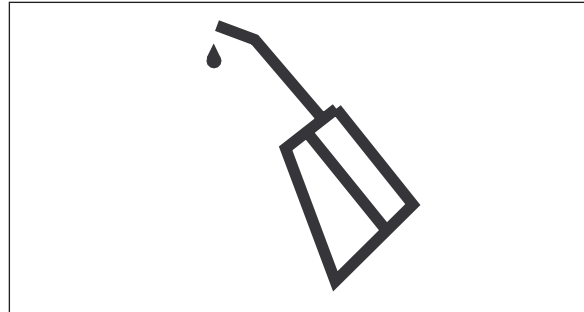
Take care when painting/varnishing door frames

Paint on the electric strike will cause it to stick; paint in the opener will interfere with the mechanism and cause it to malfunction.



Install appropriate model for use

RCI electric strikes that are installed on doors where they will be exposed to outdoor/environmental conditions, a latch guard is required for protection.



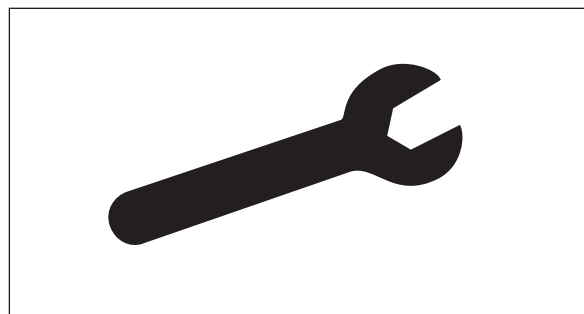
No grease/oil

Neither should be necessary on RCI strikes, RCI strikes are lubricated for life. In the case of rough operation apply some lubricant to the sliding surface of the keep (catch).



Avoid filing/grinding dust

Filings become magnetized and jam the armature of the operating coil. Instead of making difficult modifications why not use the adjustable 0, 2, 6 and 7 series models which feature horizontal adjustment.



No improper adjustments

Incompetent handling invalidates the warranty. As a tradesperson you know this, but the building contractor/owner may not. Please be sure this information is passed along to the end-user of the product.

Proper Storage

This is also an essential condition of our guarantee – keep products in a dry, enclosed room, protected from the weather.