



INSTALLATION

I. L. 15-829-2A

MAINTENANCE

# INSTRUCTIONS

## Type L-60 ELECTRICAL INTERLOCK

for use with

Sizes 5-6 Life-Linestarters and Types GP-5 & GP-6 Contactors

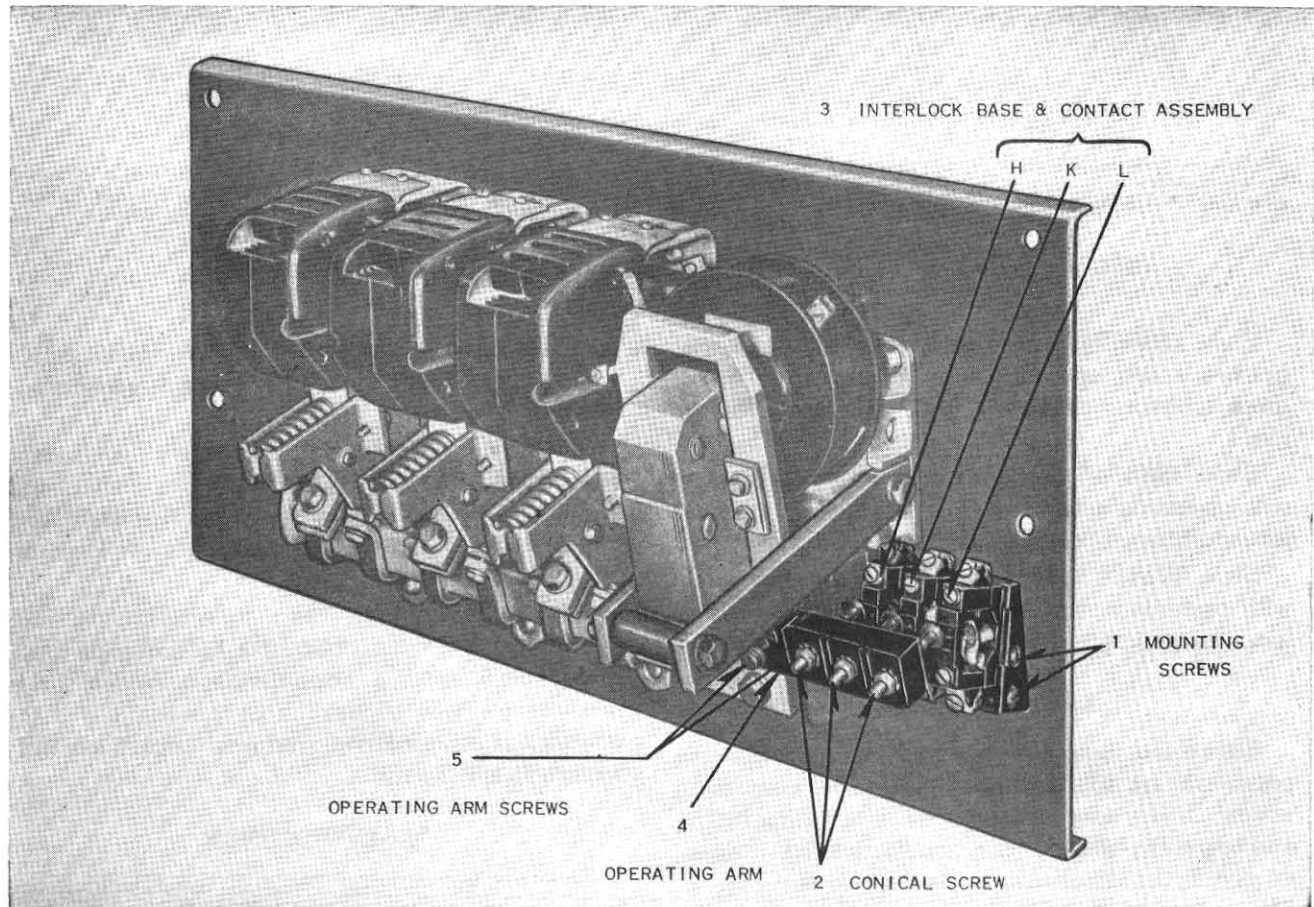


FIG. 1. Type L-60 Electrical Interlocks Mounted on a Type GP-530 Rear Connected Contactor

H—A "first" electrical interlock

K—A "second" electrical interlock

L—A "third" electrical interlock

**TYPE L-60 ELECTRICAL INTERLOCK** is an auxiliary contacting device applicable to the Sizes 5 & 6 Life-Linestarters and Types GP-5 & GP-6 Contactors. It is readily convertible from a normally-open to a normally-closed device or vice versa without adding or removing any parts.

The interlock will carry and rupture alternating currents of 5 amperes at 600 volts, or direct currents up to 1 ampere at a maximum of 50 volt-amperes.

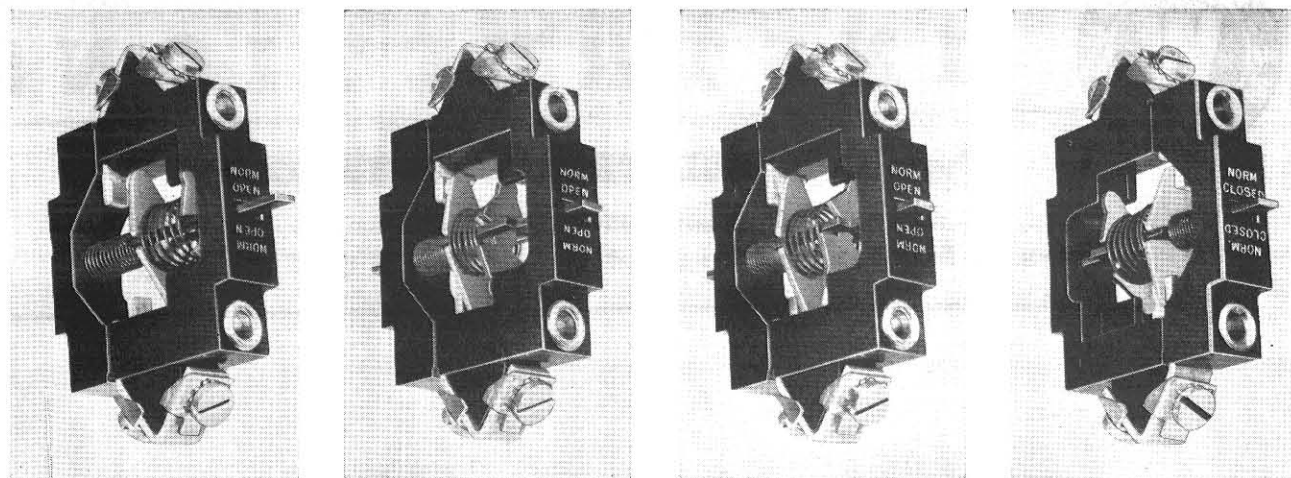
### APPLICATION

The Type L-60 Electrical Interlock is supplied in the following assemblies:

Style 1596672. One interlock complete with hardware and operating arm for mounting in the number one location shown at "H" in Fig. 1.

Style 1596673. Two interlocks complete with hardware and operating arm for mounting in the number one and two locations shown at "H" and "K" in Fig. 1.

## TYPE L-60 ELECTRICAL INTERLOCK



(a) Before conversion. Contacts are normally open. Note "NORM. OPEN" marking.

(b) Transition step. The spring stop has been pushed forward and rotated clockwise slightly.

(c) Conversion completed. Clockwise rotation of the spring stop has been carried through.

(d) The interlock is righted by turning it over, ready for mounting as a normally-closed unit. Note "NORM. CLOSED" marking.

FIG. 2. Conversion of an Interlock From Normally-Open to Normally-Closed Operation

Style 1596674. Three interlocks complete with hardware and operating arm for mounting in the three locations shown at "H", "K", and "L" in Fig. 1.

Style 1754846. One extra interlock complete with operating arm and hardware for two interlocks for mounting at position "K" Fig. 1.

Style 1754847. Two extra interlocks complete with operating arm and hardware for three interlocks for mounting at positions "K", "L" Fig. 1.

### INSTALLATION

Before installing the interlock, be sure that the parts are set to produce the desired contacting action. If they are set for normally-open operation, and normally-closed operation is desired instead, **convert** the interlock as instructed in Fig. 2. Follow a reverse procedure to convert a normally-closed to a normally-open interlock.

To install the original interlocks, mount assembled contact units and bases on the shaft bearing bracket with the two screws and washers (shown at "1" in Fig. 1). Mount the operating arm "4" and

conical screw "2" assembly on the armature plate with the two hexagon head bolts and washers furnished (shown at "5" per Fig. 1).

To install extra interlocks remove two screws (shown at "1" in Fig. 1). Mount extra contact unit and base assemblies with two screws furnished. Replace operating arm and conical screw assembly furnished.

Adjust the conical screw to produce  $\frac{1}{8}$  inch overtravel of the slide bar after the contacts meet, if the interlock is a normally-open device; or to produce  $\frac{3}{16}$  inch separation of the contacts if the interlock is a normally-closed one. Lock it securely by tightening the nut.

### MAINTENANCE

See that the moving parts of the interlock are kept free from dirt or other hindrance to their movement.

The silver contacts will not need dressing throughout their normal life.

Should the parts become severely worn the entire interlock should be replaced as a unit.



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