

# INSTALLATION & SERVICING INSTRUCTIONS

## 040A SHOCKPROOF CONTACTOR

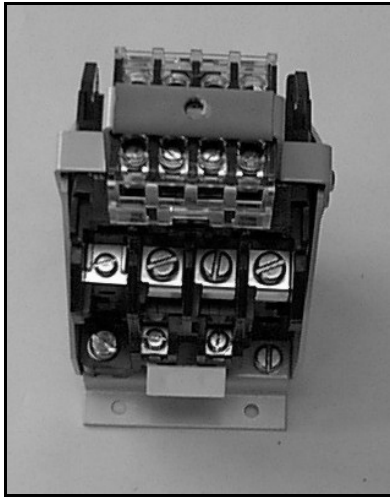


Fig. 1 040A Contactor with Top Adder

### Fitting Top Adder

See Figure 2 below. Remove top shock cladding. Ensure that the red catch is withdrawn to its full extent. Offer top adder to front face of contactor with terminals numbers upright. Slide block downwards to fully engage contact carrier coupling hook and block interlock feet. Finally, lock into position by fully depressing red catch. Replace cladding.

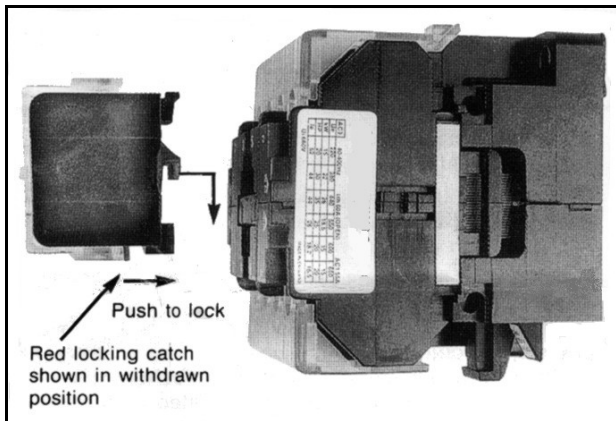


Fig. 2 Coupling of 4 Pole Auxiliary Top Adder

### Top Adder Auxiliary Contacts

2 Normally Closed Contacts : 61/62 & 91/92  
2 Normally Open Contacts : 73/74 & 83/84

### Maintenance

No routine maintenance is necessary on these contactors. Contactor main and auxiliary contacts are designed to match the normal operating life expectancy of the unit, provided the device is correctly selected for its operational duty.

### Coil Replacement – A.C. Operation

Disconnect any cabling connections and remove the shock cladding from the contactor along with the auxiliary contact block (if fitted). Detach both side spring clips at the base of the contactor, separate the main half body moulding to expose the coil (Fig. 3)

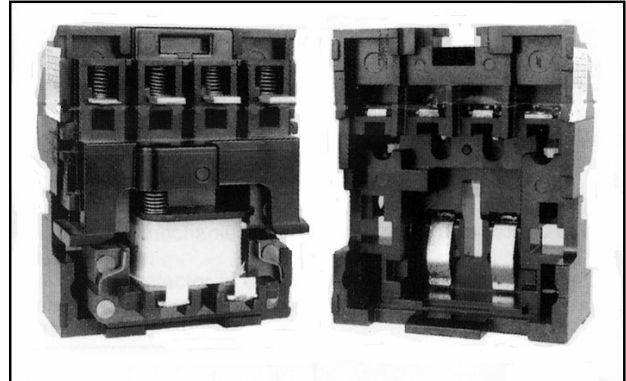


Fig. 3 Body Separated To Show Coil

Withdraw contactor interior complete from the main moulding and separate the magnet yoke to extract coil, taking care not to loose the two push off springs and rubber pads behind the yoke.

Select the correct replacement coil and assemble in the reverse order to above, ensuring that both push off springs are located in the carrier recess and on the pips projecting from the top flange of the coil bobbin. Install interior into main body of contactor ensuring rubber pad is correctly situated.

**Important :** The moving contact carrier must be replaced with its aperture at the top facing the same direction as the coil terminals, otherwise the half body mouldings will not fully close.

### Spares

Replacement coils are available in a range of operating voltages. The most common voltages are :

Voltage	Part No.	NSN
115V 60Hz	Z274002/AH	6110-99-853-3319
440V 60Hz	Z274002/AJ	6110-99-111-0946

A complete replacement contactor (without shock cladding) is also available :

Voltage	Part No.	NSN
115V 60Hz	V18200/22/115	6110-99-301-5763
440V 60Hz	V18200/22/440	6110-99-917-1096

Top Adder : Part No. V18300, NSN 5999-99-769-2786