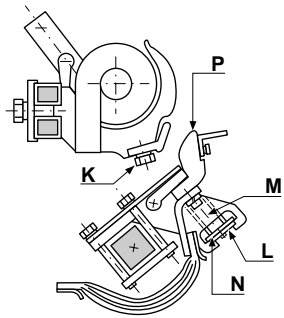


REPLACING THE CONTACTS



Remove the arc chute, if provided.

For a fixed contact :

* remove screw K.

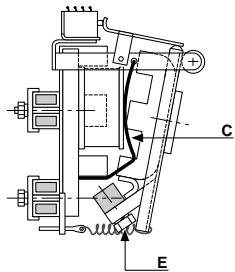
For a moving contact :

* loosen alternately both screws holding plate L, thus releasing plate N, spring M and contact P.

Reassemble in reverse order, bringing the contacts into their support.

Comply with the recommendations in the section entitled «POLE MAINTENANCE».

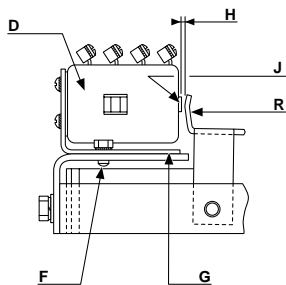
REPLACING THE CLOSING COIL



- remove screws E securing the moving magnetic circuit to the shaft
- lift out the magnetic circuit
- disconnect the coil
- release the coil holding springs C from their lugs
- pull the coil out.

Installing and setting type D non time-delay auxiliary contacts.

These contacts are supplied with two type D units (1NO + 1NC), i.e. 2NO + 2NC available, mounted above the magnetic circuit. One or two units of this type may be added.



- loosen both adjusting screws F on support bracket G
- thread the type D contact unit(s) on the support
- slide a 1 mm shim between the contacts drivers J and rocking lever R
- place the drivers J against shim H by pushing on support G
- tighten support mounting screw F
- remove the shim.

After this setting, a safety gap of about 1 mm should remain when these contacts are closed.



LENOIR - ELEC

CONTACTORS TYPE
CBA - CBFC 75 - CEX
400 TO 1000

MAINTENANCE
INSTRUCTIONS
M24320A/02
02/02

SURVEILLANCE AND MAINTENANCE

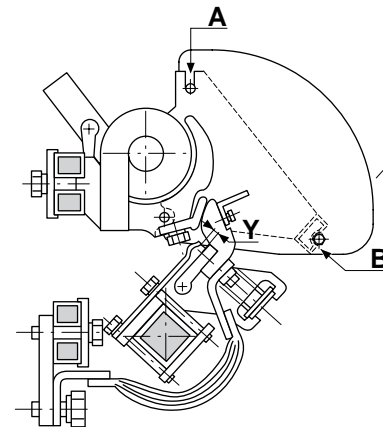
Check to ensure that the nuts and screws for securing the contactors and tightening the connections remain properly locked and restrained.

Check to ensure that the shaft rotates freely in its bearings with a slight lateral clearance (maximum 1 mm).

The bearings require no maintenance. They are factory-lubricated for the design life of the contactor.

Make sure that the surfaces in contact with the fixed and moving magnetic circuits are always very clean to prevent hum.

POLE MAINTENANCE



Remove the arc chute, if provided for this contact ; release from plastic ring B and swing around pin A.

Check distance Y, with the contactor closed. When this distance measures 1.5 mm or less (for 400, 500 and 630A ratings) and 2 mm or less (for 800 and 1000A ratings), due to wear of the fingers, the contacts should be changed. Make sure that no metal has been deposited on the arc chute inner walls due to arcing. Remove any significant metal deposits by lightly scraping the wall and then blow out the chute.

After inspection, put the arc chute back in place and secure it tightly in the plastic retention collar.

Make sure that the moving contact moves freely without rubbing against the arc chute inner walls.

The contacts require practically no maintenance. If slight beading occurs, remove with a smooth file.

Never use abrasive cloth or paper.

CLEANING SUPPORT BAR INSULATION

To avoid scratching the varnish, blow out or remove with a soft brush any dust deposits between live parts. This operation is very important when dust contains conducting materials and should be performed frequently.



LENOIR - ELEC

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