

REPLACING THE CLOSING COIL

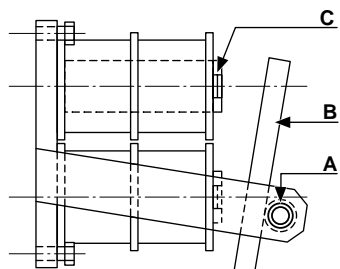
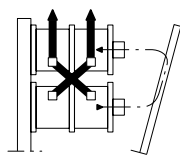
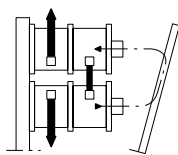


Fig . 3

Coils connected
in parallel



Coils connected
in series



Dismantle moving frame stop A and moving frame blade B.
Dismantle coil C stop pin ; disconnect and remove the coil.

Pull all parts back in place, taking care to position the coil correctly, properly align blade B and ensure that all screws are locked and adequately restrained.

Upon receipt of the contactor, carefully note how the coils are connected to avoid any error if replaced.

REPLACING THE CONTACT

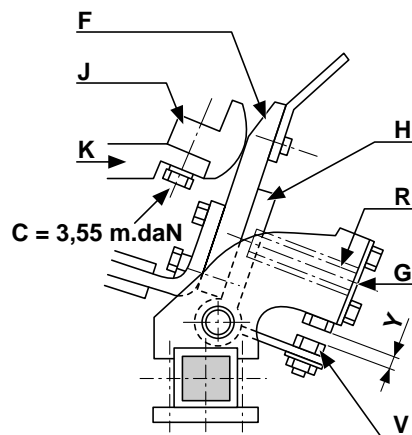


Fig . 4

To dismantle moving contacts F :

- Loosen alternately both screws holding spring (R) retention plate (G).
- Remove retention plate and spring
- Dismantle the bolt and screw holding the contact on hinged link (H) and remove the contact.

To dismantle the fixed contacts (J), remove the screw holding the contact on the top member (K).

Clean all surfaces of the electrical connections with a clean, dry cloth and reassemble in reverse order.

Before tightening, align the moving contact in relation to the fixed contact.

Set the moving contact wipe with screw (V) at Y=2.8 to 3.5 mm for CBA & CBC , 6 mm for CEX.

For the blow-out poles, check to ensure that the moving contact does not rub against the arc chute inner walls.

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



LENOIR - ELEC

CONTACTORS TYPE
CBA - CBC - CEX 71 - 1250 / 1600 / 2000

**MAINTENANCE
INSTRUCTIONS**
M24411/02
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).

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

For bearings, no maintenance is required. They are factory-lubricated for the design life of the contactor.

POLE MAINTENANCE

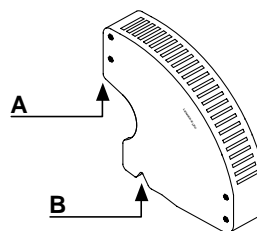


Fig . 1

Remove the arc chute, if provided for this contact, by raising about 30 mm to release dogs A and B and pull out .

Holding the contactor closed, check distance X. When this distance measures 1.5 mm for CBA & CBC and $\leq 3,7$ mm for CEX, due to wear of the fingers, the contacts should be changed.

If the contactor has been subjected to severe frequent breaking, or if high short-circuit currents had to be cut off, make sure that no metal has been deposited on the arc chute inner walls due to arcing.

After inspection, put the arc chute back in place by tilting it backwards and engaging dog A in the V-shaped seat at the fixed arc chute tip. Then return it to vertical position by swinging and push to engage dog B.

Then make sure that the moving contact moves freely and does not rub against the arc chute inner walls.

NOTE : It is not usually necessary to clean the fingers, unless slight beadings occurs. If this occurs, always use a smooth file, never abrasive cloth or paper.

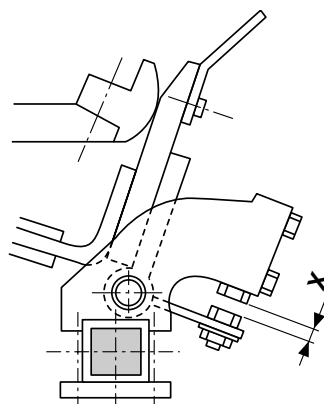


Fig . 2

CLEANING SUPPORT BAR INSULATION

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



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