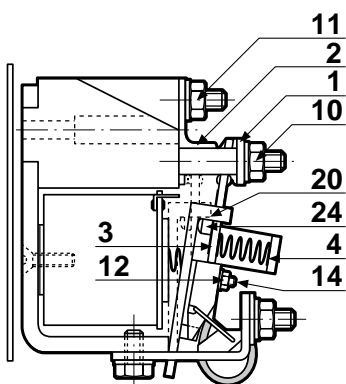


REPLACING THE CONTACTS



* NC fixed contacts (for contactors type R & RS)

- Unscrew both nuts (10)
- Remove contact (1)

Reassembly :

- In the reverse order
- A special shape avoids to put the contact on wrong side
- Do not forget elastic washers

* NO fixed contact

- Unscrew nut (11)
- Remove the contact (2) by pressing on the screw

Reassembly :

- In the reverse order
- Do not forget elastic washer

* Moving contact and spring

- Spring (4)

* CIC 1 :

- Slightly compress the spring (4)
- Remove it

* CIC 2 : see picture A

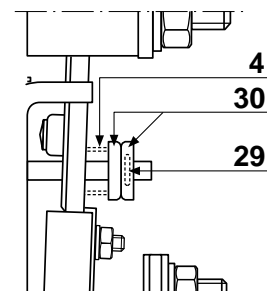
- Compress spring (4) with both small dishes (30)
- Remove the pin (29)
- Release everything

- Moving contact (3)

- Set down NO & NC contacts
- Unscrew nut (12)
- Release shunt
- Release moving contact (3) from pin (14)
- Pull the contact upwards

Reassembly

- In the reverse order and the contact stop (24) towards the coil



Picture A

- CIC 1 : Check that spring (4) is correctly in place.

SPARE PARTS

DESIGNATION	MAKE-UP	DEVICE TYPE	REF
Blowout device	2 magnets	CIC 1	90811
	2 insulated sheaths	CIC 2	90812
Auxiliary contacts	1 contact block, 1 support	CIC 1/CIC 2	90808
1NO + 1NC	1 contact strip & screws		
Main contacts	1 NO fixed contact, 1 moving contact, 1 spring	CIC 1 D & DS	94208
		CIC 2 D & DS	94210
		CIC 1 R & RS	94209
		CIC 2 R & RS	94211
	1 NO fixed contact, 1 NC fixed contact	CIC 1	67751048
	1 moving contact, 1 spring	CIC 2	67751049
Insulated sheath	order 2 sheaths per device		

Coil : Contactor type to be specified

Specify the voltage & the service (intermittent, permanent or permanent with power-saving)



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CONTACTORS TYPE

CIC 1 & 2 D/DS
R/RS

LENOIR - ELEC

MAINTENANCE INSTRUCTIONS

M25521A-02/02

INSTALLATION

- On a vertical level, device is on vertical position
- Fixation * by 2 screws lenght 25 mm minimum : diameter 5 for CIC 1
diameter 6 for CIC 2
- * on horizontal axle. Fixation dimension 35 mm

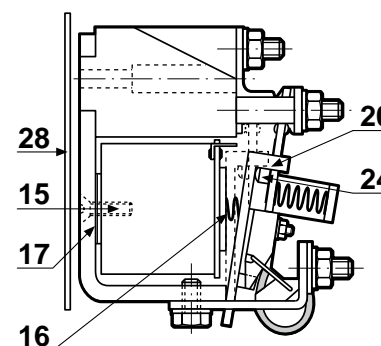
CAREFULLY : Interpose the enclosed insulated plate (28) between the contactor and the fixation level

You can obtain a longer electrical longevity if you connect the positive polarity (+) on the upper fixed contact.

MAINTENANCE

- There must be no dust and no grease on the contacts.
- Clean them periodically with a piece of rag, which is moistened with carbon tetrachloride.
- Never use abrasive cloth or paper : if you need, use a smooth file to remove slight beadings.
- During functioning, contact surfaces show small craters & become granular : THIS IS ABSOLUTELY NORMAL.
- A contact is worn when chips are completely punched or when penetration rate is null : the contactor is closed and there is no gap between insulated stop (24) and moving plate (20) .

REPLACING THE COIL



Dismantling

- Put down the device
- Unscrew countersunk screw (15), which is under the device directly in line with the coil.
- Remove spring (16) from moving plate (20) by compressing it with a screwdriver.
- Slide the whole along the side.

Reassembly

- Put the spring (16) into the coil core.
- Keep the spring compressed.
- Put by the side the coil into the device.
- Insert the plate(s) (17) between fixed magnetic circuit & coil core.
- Put back in place countersunk screw (15) (non-magnetic) together with its cone-shaped brake washer.
- Check that spring (16) is well into the moving plate (20).

INSTALLING AND SETTING, REPLACING, ADJUSTMENT

- Magnetic blowout, see maintenance instructions M25524/03/A
- Auxiliary contact, see maintenance instructions M25524/04/A