RADE KONČAR KONTAKTORI I RELEI D.O.O.

INSTRUCTIONS FOR USE AND MAINTENANCE FOR CONTACTORS

CNM 75ST, CNM 90ST, CNM 110ST



CNM 75ST -CNM 110ST

TECHNICAL DATA:

Contactors are designed, tested and they are fully in accordance with CSA standards, also contactors are conformed with the international standard IEC 60947-4-1 and national standards VDE 0660. For the rated data see the rating plate on the contactor upper side.

COIL CIRCUIT:

The rated coil voltage is marked on the coil. The excitation voltage shoud not delevate from the value of rated voltage more than +10% or -15%. A voltage drop on more than 15% during the closing action is not permissible.

INSTALLATION:

The contactorshould be mounted in dry and clean rooms. Otherwise contactors should be built a cubicle or enclosed type should be used. Mount the contactor on a vertical plane surface by using M5 screws for CNM 75ST/90ST/110ST,

so that the terminal markings are in normal position for reading.

MAINTENANCE

Remove dust with compressed air. Foreig matter on the magnetic pole faces causes humming. If necessary clean the pole faces carefully. Do not use a chemical substances or sfarp object for cleaning. If there is still a hum, replace the contactor (it has wornout). Replace the main contacts when they are worn down They are worn down when the contacts resilience (see dist. "a" in Fig. A)is less than 0,5mm.Check the main contacts after a short-ciruit and separate them, if necessary.

REPLACEMENT OF THE ARC CHUTE

Push in two pins with a screw-driver and turn them through 90The arc chute can now de detached and replaced.

REPLACEMENT OF THE MAIN CONTACTS

Replacement of the moving contacts: lift the contact on one side, then pull it out together with the flexibile spring on the same place as previous was.Replacement of the fixed contacts.Undo the screws for fastening then faston the new contact.

CONDUCTOR CROSS SECTIONS (mm²)

CONTACTOR MAIN CIRCUIT		CNM 75ST CNM 90ST CNM 110ST
Circular conductor with cable lug	mm²	1x50 or 2x35
AUXILIARY CIRCUIT Single-wire conductor Multi-wire conductor with cable	mm² mm²	1-2,5 0,75-1,5

IEC 60947-4-1. VDE 0660



REPLACEMENT OF THE AUXILIARY CONTACT BLOCKS

If necessary replace the complete auxiliary contact block. The auxiliary contact block 1NO + 1NC can be replaced with double contact block 2NO + 2NC.

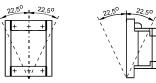
REPLACEMENT OF THE COIL

Undo the screws pos.1: lift the plate pos.2; replace the coil pos.3(Fig.B).

SPARE PARTS

When ordering, please quote the name of the par, the partnumber and quantity.

POSSIBLE INSTALLATION POSITIONS



CONNECTION OF THE MAIN CONDUCTORS

REPLACEMENT OF THE COIL



a - Spring washer

Fig.A

b - Tooth lock washer

a=0.5mm

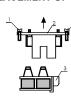
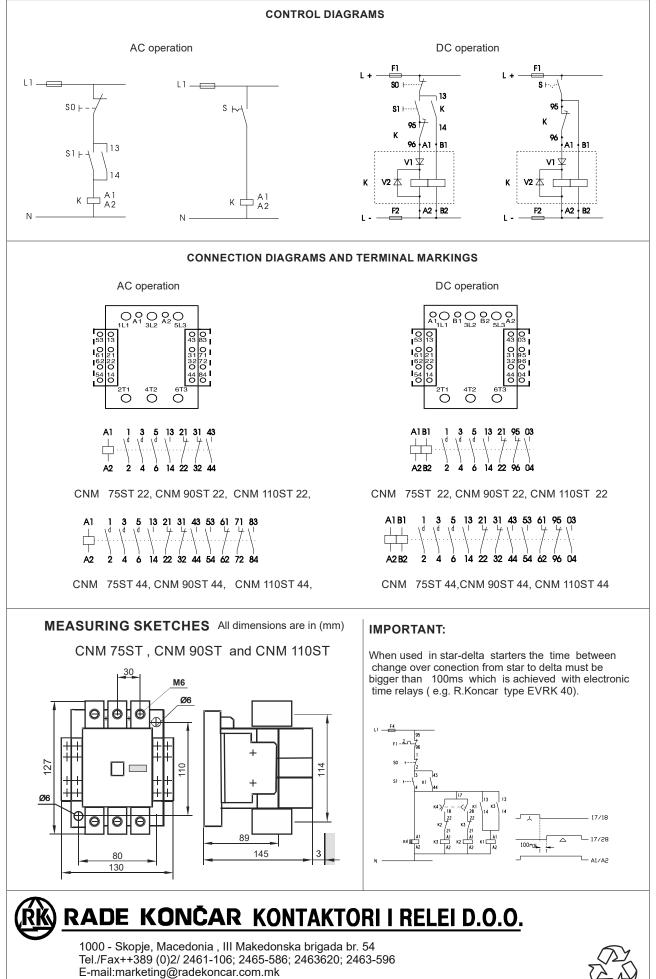




Fig.B



E-mail:export@radekoncar.com.mk; E-mail:prodaja@radekoncar.com.mk; http://www.radekoncar.com.mk

