

THIS DRAWING AND DESIGN MUST NOT BE COPIED WITHOUT PERMISSION IN WRITING.

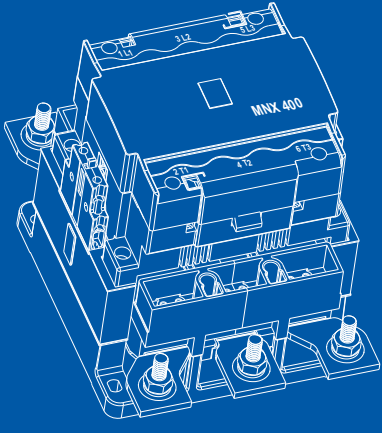
SP02063

Front Side

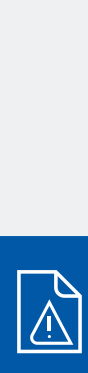
297.00

CONTACTOR

MXN 300/ MXN 400/ MXN 550 / MXN 650
MXN 300-2P/ MXN 400-2P/
MXN 550-2P / MXN 650-2P



INSTRUCTION MANUAL



Manufacturer assumes no responsibility for a hazard or damage caused by incorrect or non-application of any of the instructions attached herein.

Use according to the operating instructions, professional practices, wiring rules, codes, safety regulations applicable to the given installation.

Disconnect the power and isolate before proceeding with any work on this equipment.

Always use an appropriate voltage detection device to Confirm the absence of voltage.



Installation, commissioning and maintenance to be done by qualified personnel only

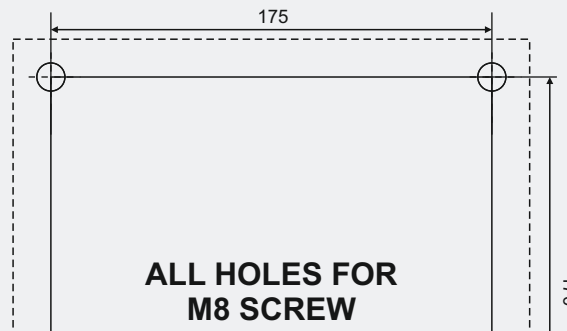
Hazards of electric shock and burning.



Carton & padding can be recycled.

Poly bags can be recycled separately

MOUNTING DIMENSIONS

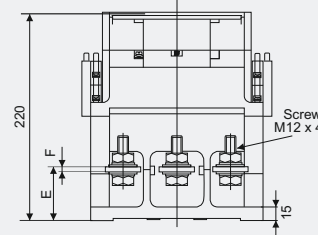


ALL HOLES FOR M8 SCREW

SCALE 1:3
ALL DIMENSIONS ARE IN mm

Terminal Description	Screw Size	Recommended Torque (Nm)
Main pole terminals	M12	27
Aux pole/coil/add-on block terminals	M3.5	1.1

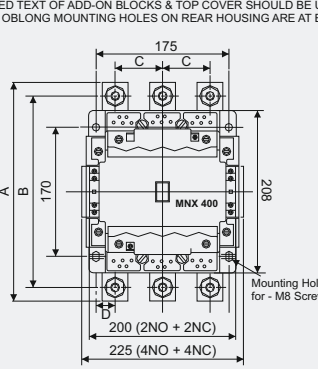
OVERALL DIMENSIONS



Contactors	MXN 300/400/550	MXN 650
A	275	296
B	241	259
C	62.5	74
D	35	40
E	55	56
F	5	6

Note: Dimension for 2 Pole contactor is same as Dimension for 3 Pole contactor.

ALL DIMENSIONS ARE IN mm



Conductor type	MXN 300-400	MXN 550	MXN 650
Solid conductors (mm²)	-	-	-
Multi strand conductors (mm²)	-	-	-
Cable with Lug (mm²)	2 x 50 x 5	2 x 50 x 5	2 x 60 x 5

ACCESSORIES & SPARES

Accessories Description	Catalogue No.	Terminal Markings
Auxiliary Contact Blocks		
Side 1NO+1NC (First Left)	CS942050000	13-14, 21-22
Side 1NO+1NC (First Right)	CS942060000	43-44, 31-32
Side 1NO+1NC (Second Left)	CS942070000	53-54, 61-62
Side 1NO+1NC (Second Right)	CS942080000	83-84, 71-72
Mechanical Interlock kit	CS942000000	MXN-M8
Surge Suppressor (110V)	CS94165A000	
Surge Suppressor (220-240V)	CS94165B000	MXN-S6
Surge Suppressor (380-525V)	CS94165D000	

@ - ONLY FOR MXN 300, MXN 400

Spares Description	Catalogue No.
Spare Coil-MXN 300/400	CS94195 (ADD 4 DIGIT COIL VOLTAGE SUFFIX)
Spare Coil-MXN 550/650	CS94193* (ADD 4 DIGIT COIL VOLTAGE SUFFIX)
Spare Contacts Kit MXN 300	CS902830000
Spare Contacts Kit MXN 400	CS941610000
Spare Contacts Kit MXN 550	CS941620000
Spare Contacts Kit MXN 650	CS963360000

* NOTE: SMART COIL

MECHANICAL INTERLOCK FITMENT

FOR MOUNTING PROCEED AS FOLLOWS:

KIT CONTAINS:

One mechanical interlock assembly

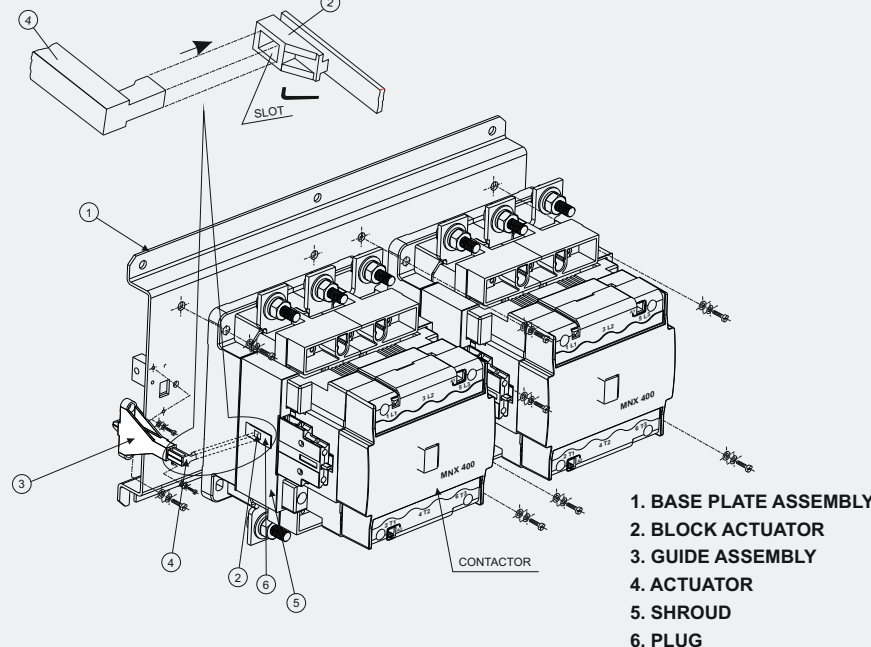
Remove the plug '6' from the shroud '5' of contactor. Mount contactor on base plate assy. '1' Place the guide assembly '3' on the base plate such that projection of actuator '4' from guide assembly goes between the slot in block actuator '2' by aligning as required & fix it using the screws provided.

Repeat the same fixing on other side of the contactor.

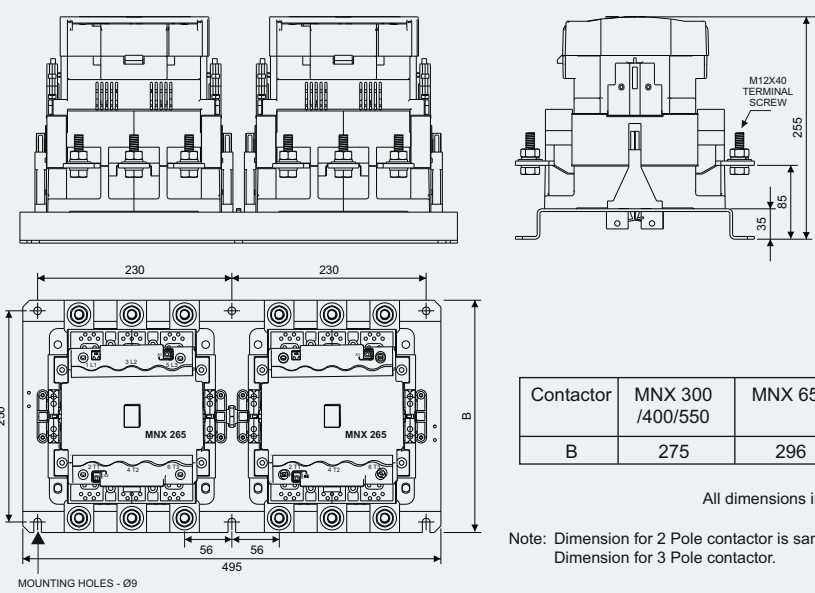
Repeat the similar operation for second contactor.

After fixing ensure that add on block bridge moves freely. Your contactor, mechanically interlocked, are now ready for installation.

MECHANICAL INTERLOCK FITMENT



MECHANICAL INTERLOCK KIT OVERALL DIMENSIONS



Contactors	MXN 300 / 400/550	MXN 650
B	275	296

All dimensions in mm.

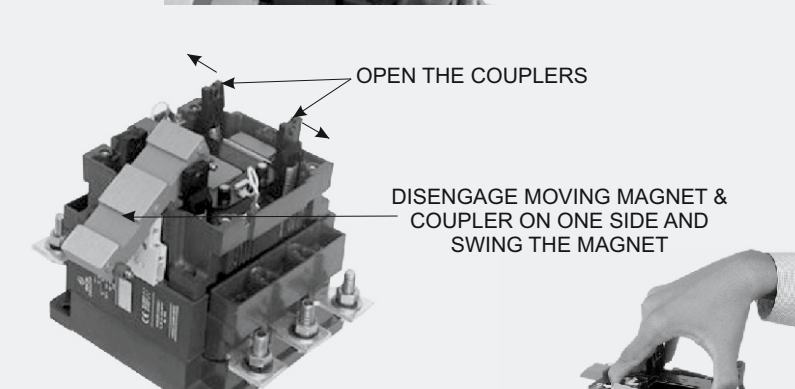
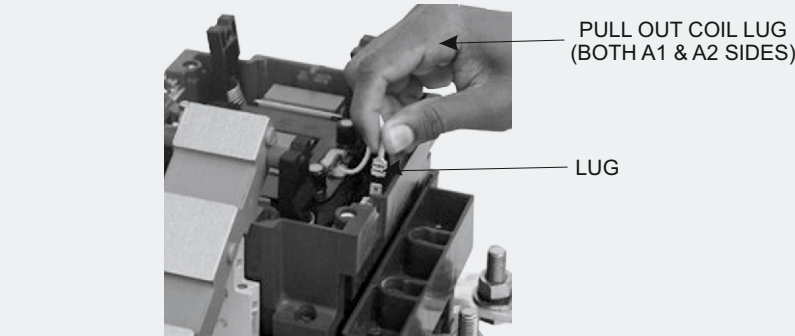
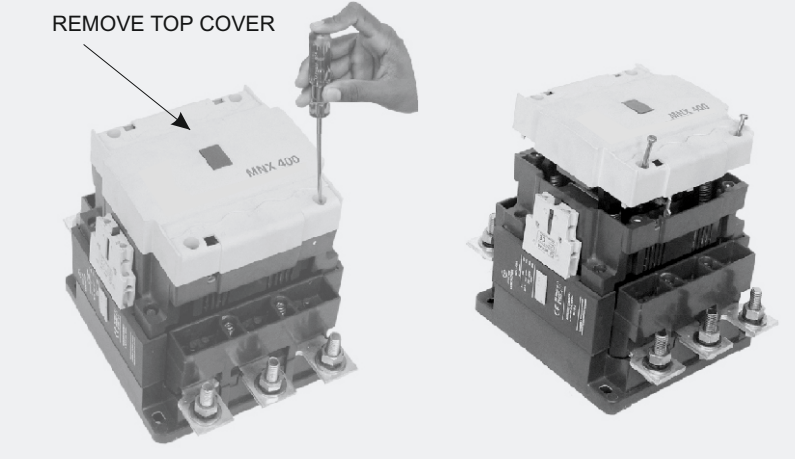
Note: Dimension for 2 Pole contactor is same as Dimension for 3 Pole contactor.

Back Side

297.0

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm.
TOLERANCE: +/-0.5mm.

COIL REPLACEMENT



Note :-

Contactors	Coil terminal Position
MXN 300 MXN 400	A1 - Top right A2 - Bottom left
MXN 550 MXN 650	A1 } Both A2 } on top

UNPACKING AND INSTALLATION

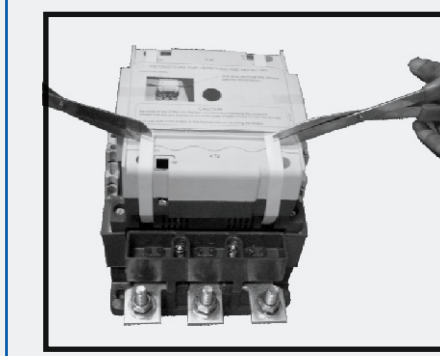
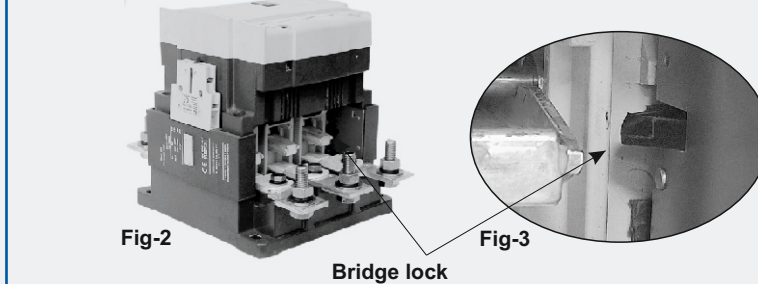


FIG - 1
STRAP
CUT AND REMOVE THE STRAPS BEFORE INSTALLATION.

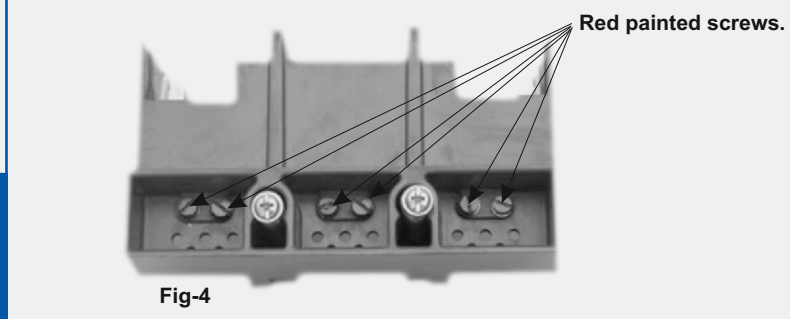
CAUTION

SAFETY LOCK :
Whenever any of the arc chamber is removed, the bridge-lock mechanically interlocks the contactors and contactor can not operate.

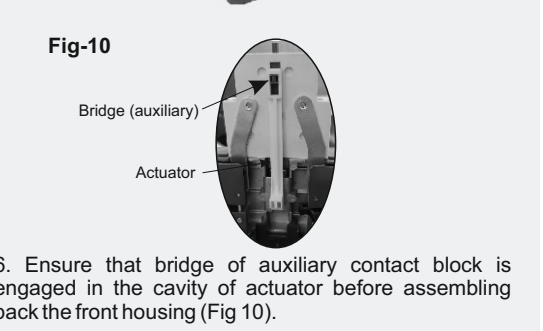
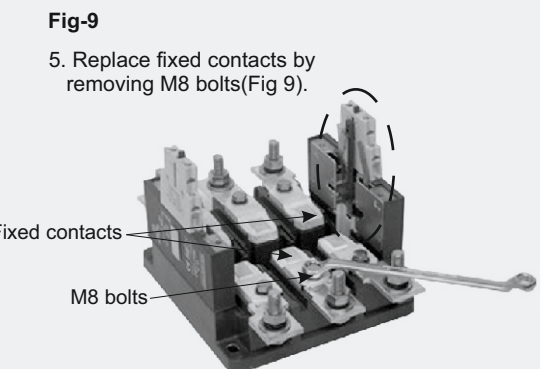
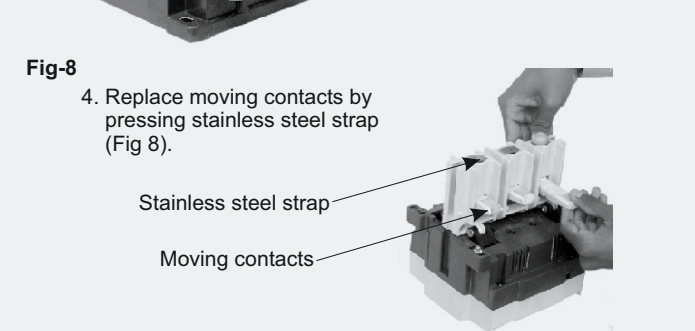
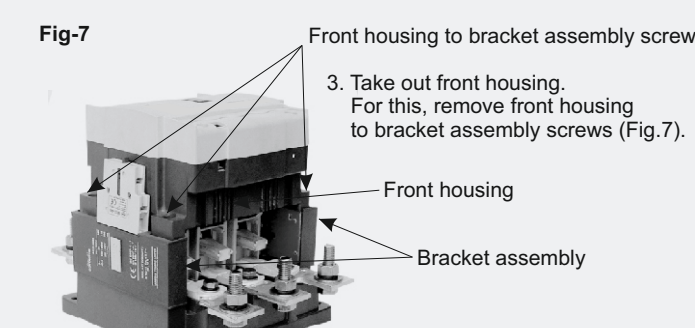
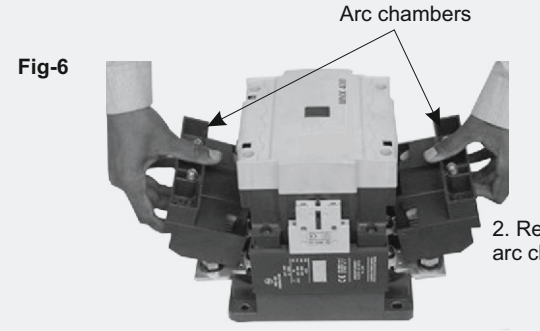
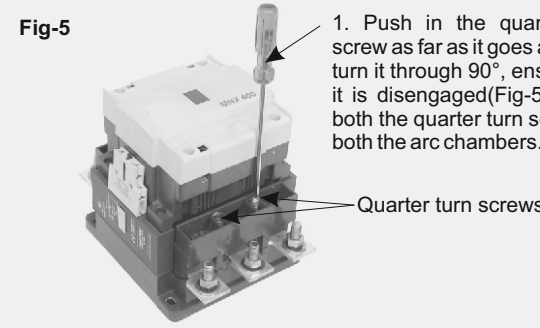
If coil supply is maintained when arc chamber is removed it will lead to coil burning.



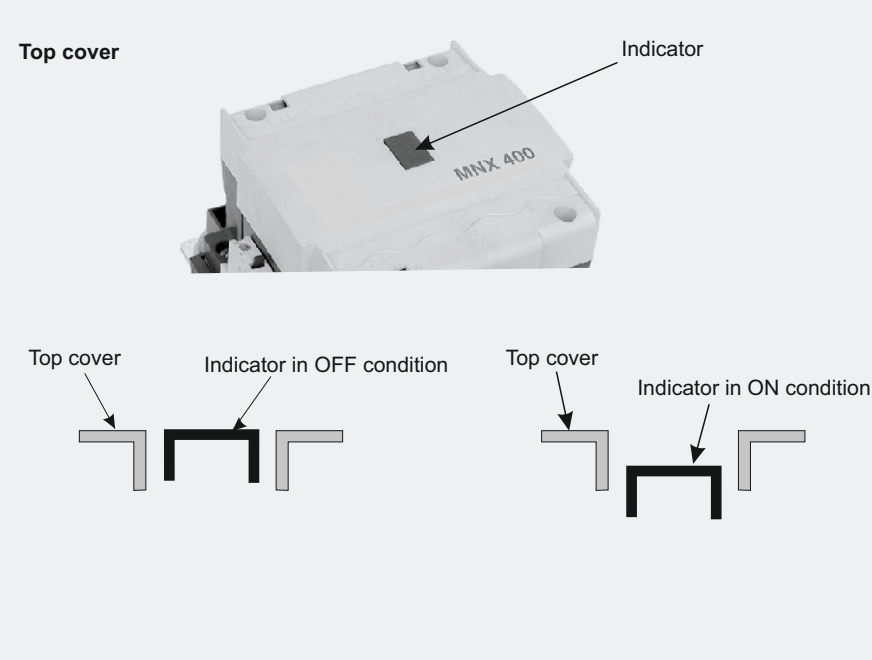
ARC CHAMBER
DO NOT loosen or remove screws (painted red). Removal of red painted screws will adversely affect the performance of the product.



CONTACT INSPECTION AND REPLACEMENT



ON-OFF INDICATOR



"This literature gives information to user about product installation, operation maintenance and disposal. This information is not exhaustive and should customer require further information, in specific cases, customer may contact customer interaction cell."
"The manufacturer assumes no responsibility for injuries, losses, damages to human beings and/or equipments due to inappropriate application of instructions, provided herein."
"Product development is a continuous process. The information given in this literature is Subject to change. For latest information the customer may contact customer interaction cell."
"Product images are indicative"

CUSTOMER INTERACTION CELL (CIC)
Phone No: 022 6932 7800
E-mail: CIC@LK-EA.COM
Website: WWW.LK-EA.COM



Electrical & Automation
Electrical Standard Products
A/600, SHIL - MAHAPE ROAD,
TTC Industrial Area, MIDC Thane,
MUMBAI, MAHARASHTRA, 400710

VER. 1.0

SP02063

MATERIAL: 80 gsm MAPLITHO PAPER
NOTE : UNLESS OTHERWISE SPECIFIED LAYOUT, COLOUR SCHEME,
FONT STYLES AND FOLDING SEQUENCE CONFORM TO CD01020

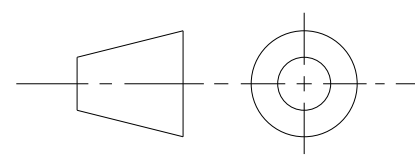
This component does not use any material listed hazardous by RoHS directives

REVISIONS

DATE :	
SCALE: 1:1	
OFN/RLM No :	
SOFTWARE : Coreldraw	
MODEL :	
PROCESS SHEET :	
DRAWN BY :	
CHECKED BY :	
APPROVED BY :	

DEPT: 300202316

PROJECTION



L&T Electrical & Automation

(A Unit of Schneider Electric India Private Limited)

Product Insert

CONTACTOR (MXN300-650)

SP02063

SHEET 1 OF 1

