

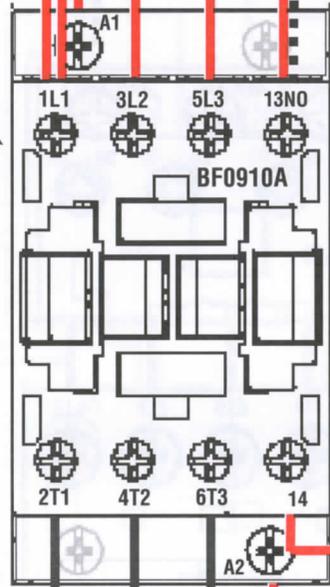
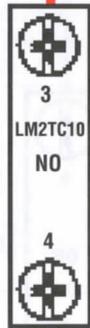
**DOLSW5.5230  
DOLSW7.5230  
DOLSW11230**

WIRING DIAGRAM FOR  
3 PHASE SUPPLY WITH  
230V COIL

INCOMING TPN SUPPLY

BF0910A230/  
BF1810A230/  
BF2510A230  
CONTACTOR

START  
CONTACT



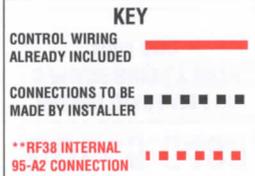
GA016A/GA025A/GA032A  
ISOLATOR  
\*Power link cable sizing:  
5.5kW = 1.5mm<sup>2</sup>  
7.5kW = 2.5mm<sup>2</sup> & 11kW = 4mm<sup>2</sup>

RF38 THERMAL RELAY  
(TO BE ORDERED  
SEPARATELY)

**\*\*INSTALLER TO CONNECT  
COPPER 4TH PIN TO LOWER  
A2 ON CONTACTOR  
& FLYING LEADS TO 96  
ONLY**

**DO NOT  
CONNECT ANY WIRES TO 95  
BUT ENSURE 95 & A2  
TERMINALS ARE TIGHTENED**

**WARNING**  
TO PREVENT RISK OF  
DAMAGE OR SAFETY  
HAZARDS, THIS  
EQUIPMENT SHOULD  
ONLY BE INSTALLED BY  
SUITABLY QUALIFIED OR  
COMPETENT PERSONS  
AND IN ACCORDANCE  
WITH ALL APPLICABLE  
ELECTRICAL  
REGULATIONS



OUTGOING SUPPLY  
TO 3PH MOTOR

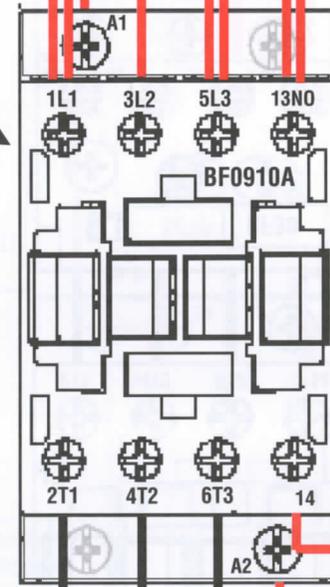
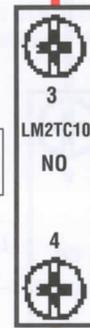
**DOLSW5.5400  
DOLSW7.5400  
DOLSW11400**

WIRING DIAGRAM FOR  
3 PHASE SUPPLY WITH  
400V COIL

INCOMING  
TP SUPPLY

BF0910A400/  
BF1810A400/  
BF2510A400  
CONTACTOR

START  
CONTACT



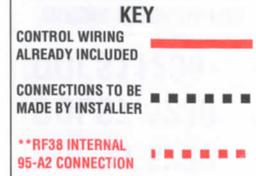
GA016A/GA025A/GA032A  
ISOLATOR  
\*Power link cable sizing:  
5.5kW = 1.5mm<sup>2</sup>  
7.5kW = 2.5mm<sup>2</sup> & 11kW = 4mm<sup>2</sup>

RF38 THERMAL RELAY  
(TO BE ORDERED  
SEPARATELY)

**\*\*INSTALLER TO CONNECT  
COPPER 4TH PIN TO LOWER  
A2 ON CONTACTOR  
& FLYING LEADS TO 96  
ONLY**

**DO NOT  
CONNECT ANY WIRES TO 95  
BUT ENSURE 95 & A2  
TERMINALS ARE TIGHTENED**

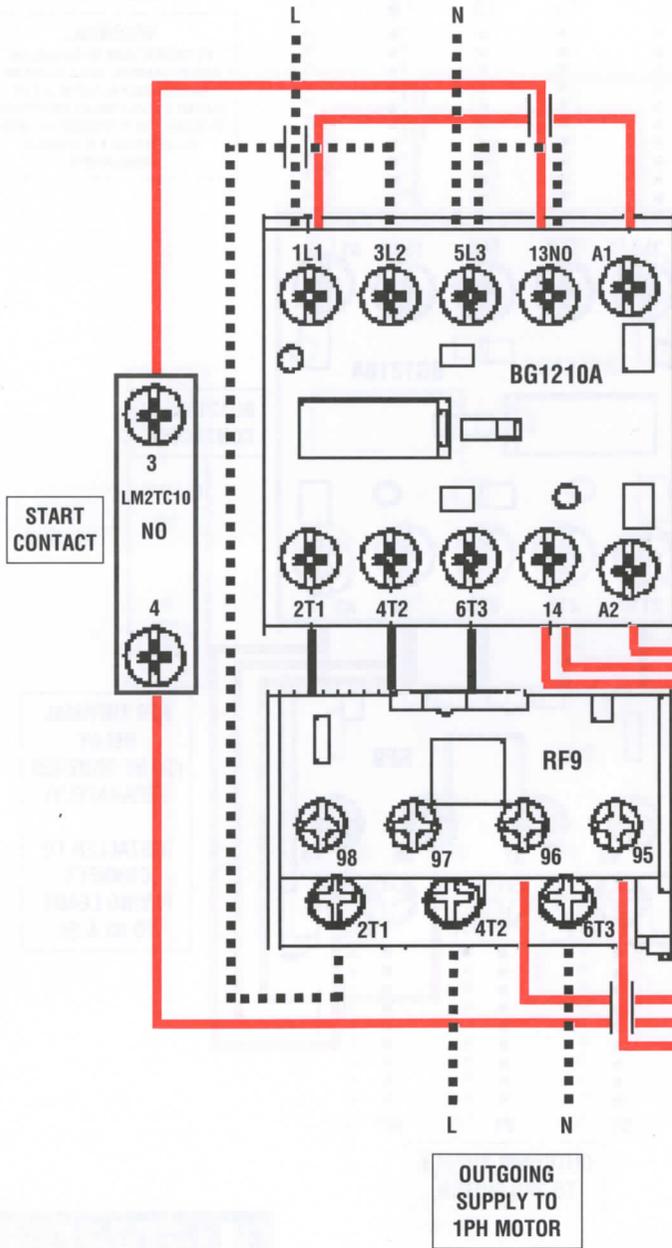
**WARNING**  
TO PREVENT RISK OF  
DAMAGE OR SAFETY  
HAZARDS, THIS  
EQUIPMENT SHOULD  
ONLY BE INSTALLED BY  
SUITABLY QUALIFIED OR  
COMPETENT PERSONS  
AND IN ACCORDANCE  
WITH ALL APPLICABLE  
ELECTRICAL  
REGULATIONS



OUTGOING SUPPLY TO  
3PH MOTOR

# DOLC5.5230

WIRING DIAGRAM FOR  
**SINGLE PHASE SUPPLY**  
WITH 230V COIL



INCOMING  
SPN SUPPLY

**KEY**  
CONTROL WIRING  
ALREADY INCLUDED ———  
CONNECTIONS TO BE  
MADE BY INSTALLER - - - - -

**WARNING**  
TO PREVENT RISK OF DAMAGE OR  
SAFETY HAZARDS, THIS EQUIPMENT  
SHOULD ONLY BE INSTALLED BY  
SUITABLY QUALIFIED OR COMPETENT  
PERSONS AND IN ACCORDANCE WITH  
ALL APPLICABLE ELECTRICAL  
REGULATIONS

BG1210A230  
CONTACTOR

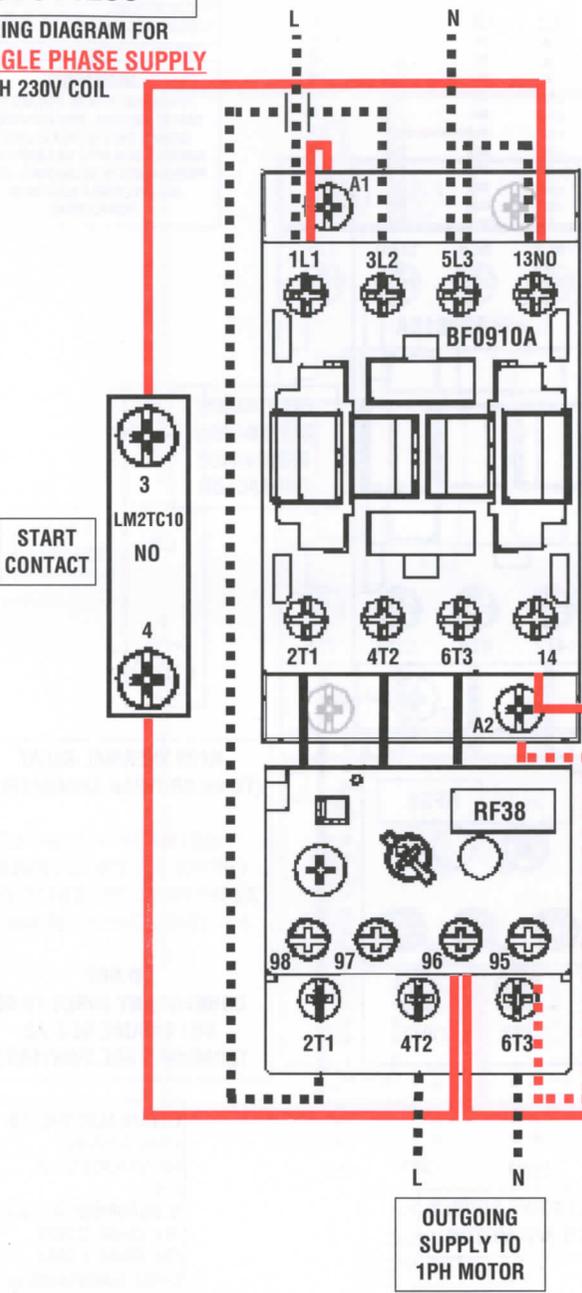
RF9 THERMAL  
RELAY  
(TO BE ORDERED  
SEPARATELY)

INSTALLER TO  
CONNECT  
FLYING LEADS  
TO 95 & 96

OUTGOING  
SUPPLY TO  
1PH MOTOR

# DOLS5.5230 DOLS7.5230 DOLS11230

WIRING DIAGRAM FOR  
**SINGLE PHASE SUPPLY**  
WITH 230V COIL



INCOMING  
SPN SUPPLY

**KEY**  
CONTROL WIRING  
ALREADY INCLUDED ———  
CONNECTIONS TO BE  
MADE BY INSTALLER - - - - -  
RF38 INTERNAL  
95-A2 CONNECTION\*\* - - - - -

**WARNING**  
TO PREVENT RISK OF DAMAGE OR  
SAFETY HAZARDS, THIS EQUIPMENT  
SHOULD ONLY BE INSTALLED BY  
SUITABLY QUALIFIED OR COMPETENT  
PERSONS AND IN ACCORDANCE WITH  
ALL APPLICABLE ELECTRICAL  
REGULATIONS

BF0910A230/  
BF1810A230/  
BF2510A230  
CONTACTOR

RF38 THERMAL RELAY  
(TO BE ORDERED  
SEPARATELY)

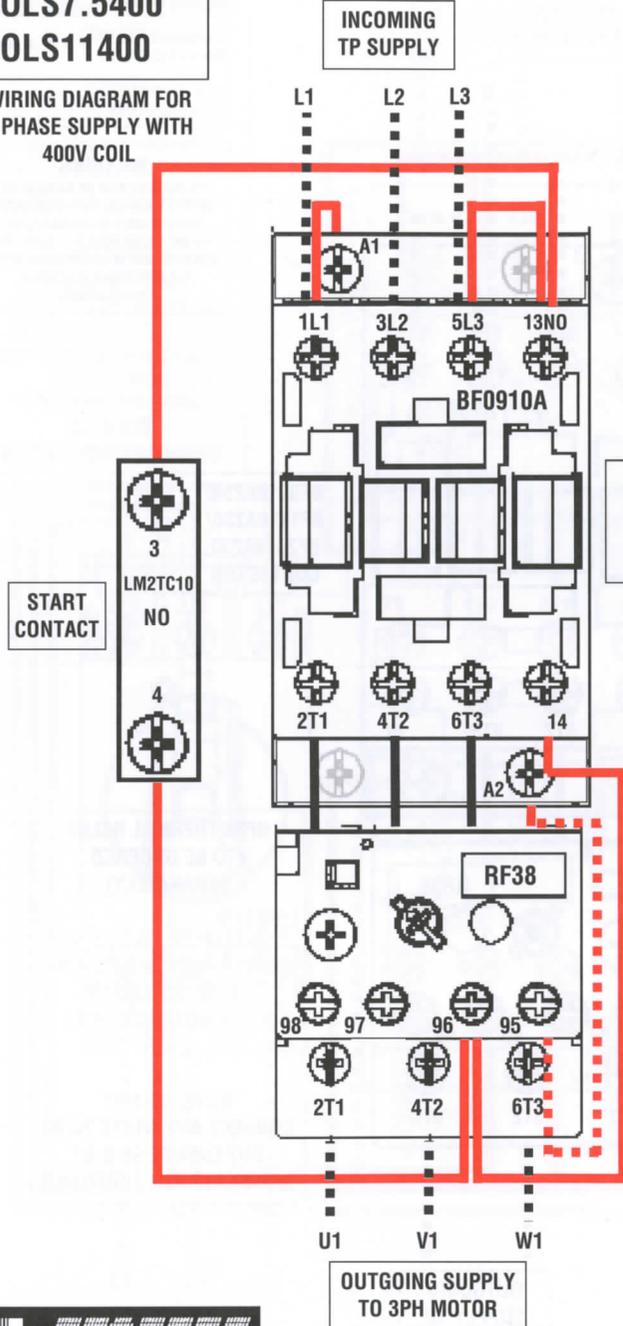
**\*\*INSTALLER TO CONNECT  
COPPER 4TH PIN TO LOWER  
A2 ON CONTACTOR  
& FLYING LEADS TO 96  
ONLY**

**NOTE: DO NOT  
CONNECT ANY WIRES TO 95  
BUT ENSURE 95 & A2  
TERMINALS ARE TIGHTENED**

OUTGOING  
SUPPLY TO  
1PH MOTOR

**DOLS5.5400**  
**DOLS7.5400**  
**DOLS11400**

WIRING DIAGRAM FOR  
 3 PHASE SUPPLY WITH  
 400V COIL



INCOMING  
 TP SUPPLY

**KEY**  
 CONTROL WIRING ALREADY INCLUDED —  
 CONNECTIONS TO BE MADE BY INSTALLER - - - - -  
 \*\*RF38 INTERNAL 95-A2 CONNECTION - - - - -

**WARNING**  
 TO PREVENT RISK OF DAMAGE OR SAFETY HAZARDS, THIS EQUIPMENT SHOULD ONLY BE INSTALLED BY SUITABLY QUALIFIED OR COMPETENT PERSONS AND IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL REGULATIONS

BF0910A400/  
 BF1810A400/  
 BF2510A400  
 CONTACTOR

RF38 THERMAL RELAY  
 (TO BE ORDERED SEPARATELY)

**\*\*INSTALLER TO CONNECT COPPER 4TH PIN TO LOWER A2 TERMINAL ON CONTACTOR & FLYING LEADS TO 96 ONLY**

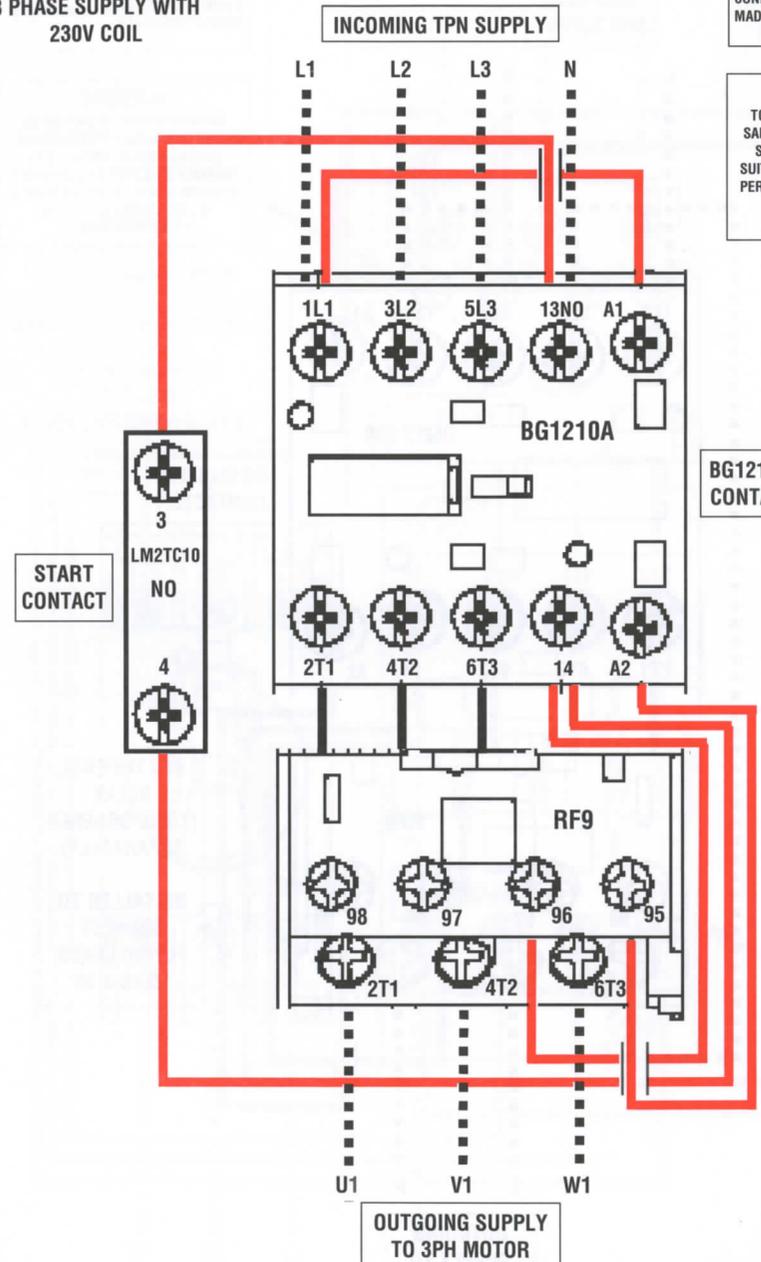
**DO NOT CONNECT ANY WIRES TO 95 BUT ENSURE 95 & A2 TERMINALS ARE TIGHTENED**

LOVATO ELECTRIC LTD  
 LOVATO HOUSE  
 PROVIDENCE DRIVE  
 LYE  
 STOURBRIDGE DY9 8HQ  
 TEL: 08458 110023  
 FAX: 08458 110024  
 E-mail: sales@Lovato.co.uk  
 Web: www.Lovato.co.uk



**DOLC5.5230**

WIRING DIAGRAM FOR  
 3 PHASE SUPPLY WITH  
 230V COIL



INCOMING TPN SUPPLY

**KEY**  
 CONTROL WIRING ALREADY INCLUDED —  
 CONNECTIONS TO BE MADE BY INSTALLER - - - - -

**WARNING**  
 TO PREVENT RISK OF DAMAGE OR SAFETY HAZARDS, THIS EQUIPMENT SHOULD ONLY BE INSTALLED BY SUITABLY QUALIFIED OR COMPETENT PERSONS AND IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL REGULATIONS

BG1210A230  
 CONTACTOR

RF9 THERMAL RELAY  
 (TO BE ORDERED SEPARATELY)

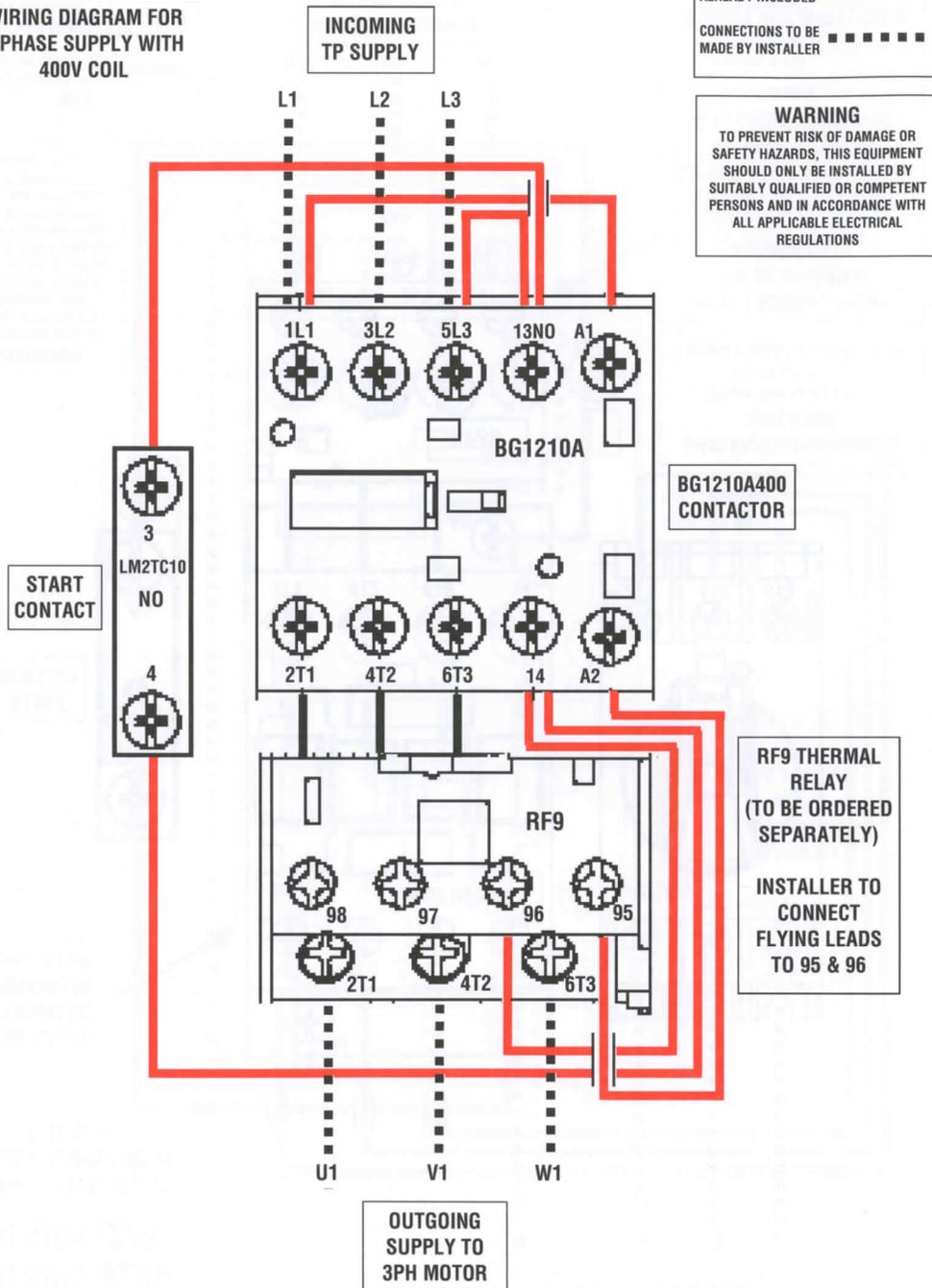
INSTALLER TO CONNECT FLYING LEADS TO 95 & 96

OUTGOING SUPPLY  
 TO 3PH MOTOR



# DOLC5.5400

WIRING DIAGRAM FOR  
3 PHASE SUPPLY WITH  
400V COIL



# DOLS5.5230 DOLS7.5230 DOLS11230

WIRING DIAGRAM FOR  
3 PHASE SUPPLY WITH  
230V COIL

