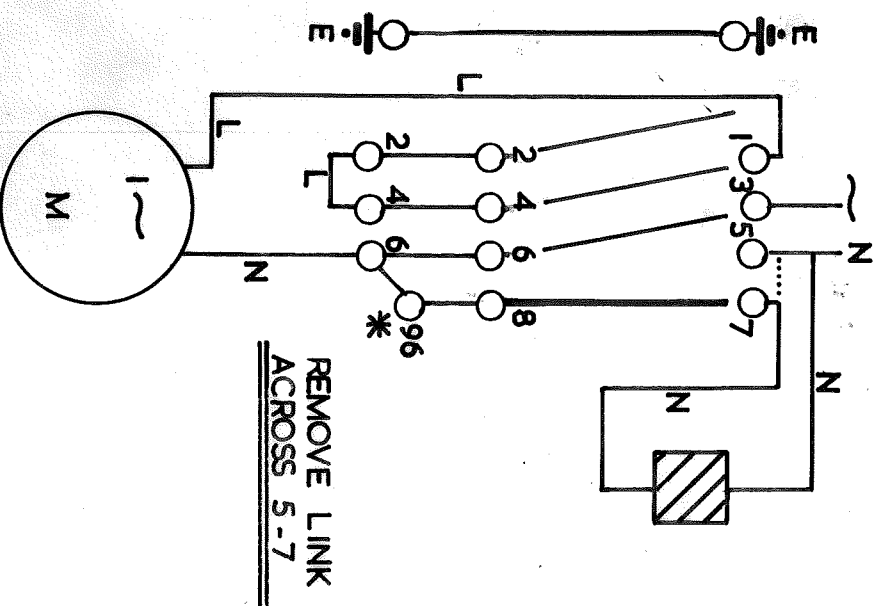
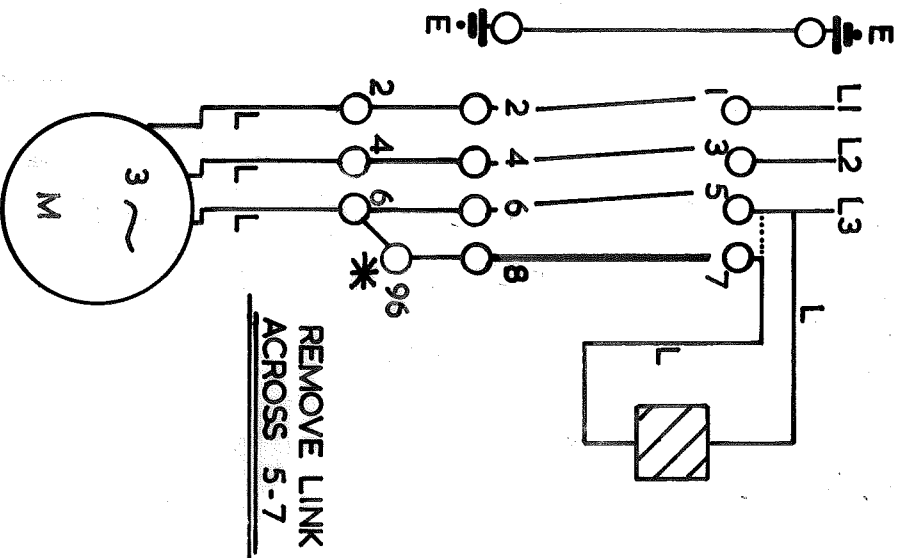


# DANFOSS 1 ~ CONTACTOR



## PEDESTAL GRINDER

# DANFOSS 3 ~ CONTACTOR

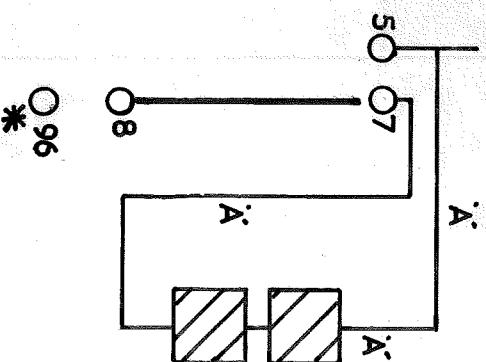


## PEDESTAL GRINDER - 16" SHARPEDGE

SHOWING EXTRA MICRO SWITCH ADDED TO ABOVE CIRCUITS  
FOR FOOT KNOCK OFF WHEN REQUIRED.

WHEN SINGLE ~ A. WIRES MUST BE BLUE  
AS 5-7 TERMINALS ARE THE NEUTRAL  
CIRCUIT.

WHEN THREE ~ A. WIRES MUST BE BROWN  
AS 5-7 TERMINALS ARE THE L3  
CIRCUIT.



## T.D.S. 7.8 & 12. PEDESTAL GRINDERS & 16" SHARPEDGE. WIRING DIAGRAM.

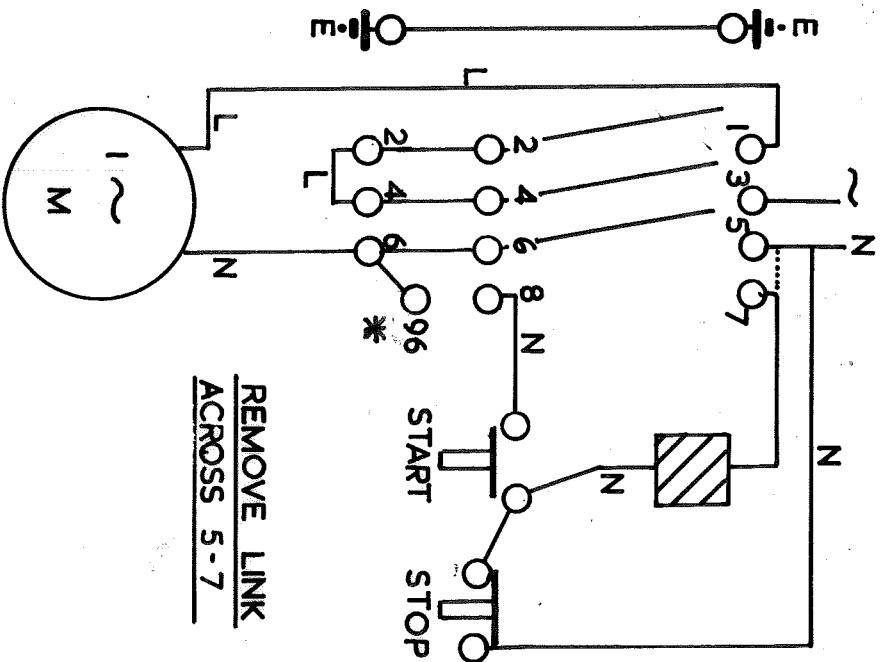
DENFORD MACHINE TOOLS LTD. (INC.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.		DRAWN <i>[Signature]</i>	MAT. MAT. SIZE	
CHECKED		No. REQD.		SCALE
PASSED		DRAWING No.		
DATE 7-10-71		SK360/1		

LIMITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

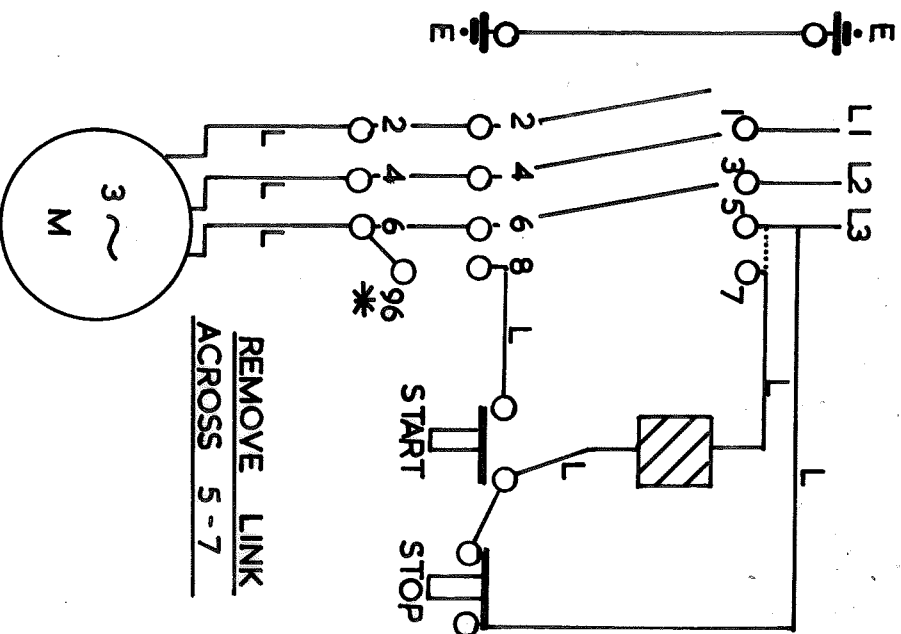
ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

# DANFOSS 1~ CONTACTOR

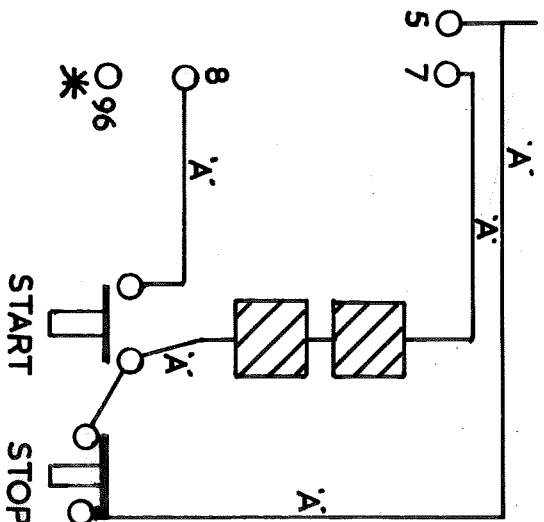


# DANFOSS 3~ CONTACTOR



ALTERATIONS

SHOWING EXTRA MICRO SWITCH ADDED TO ABOVE



CIRCUITS FOR FOOT KNOCK OFF WHEN REQUIRED.

WHEN SINGLE ~ 'A' WIRES MUST BE BLUE AS 5-7 TERMINALS ARE THE NEUTRAL CIRCUITS.

WHEN THREE ~ 'A' WIRES MUST BE BROWN AS 5-7 TERMINALS ARE THE L3 CIRCUITS.

## T.D.S.10.1 & 6. CABINET GRINDERS & WOODLATHE. WIRING DIAGRAM.

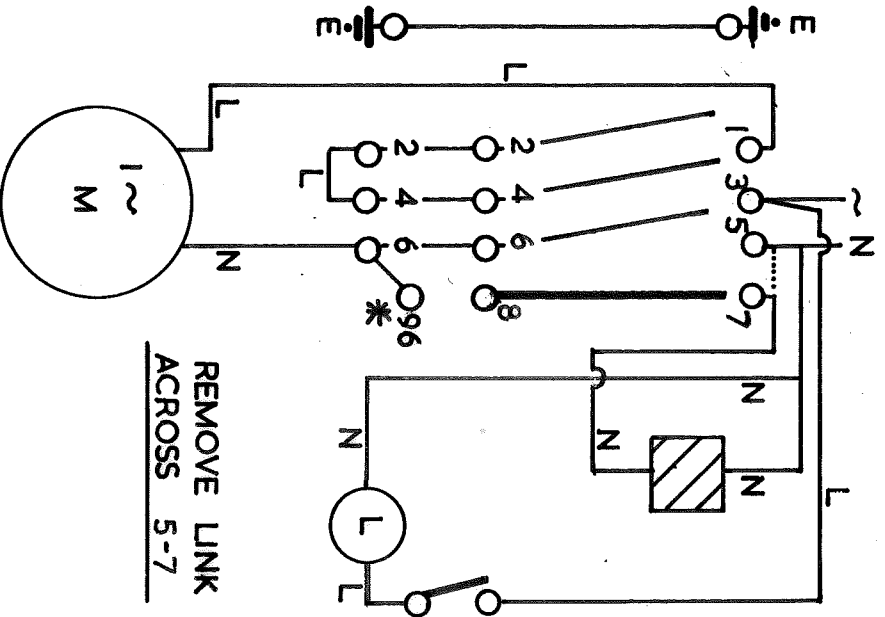
DENFORD MACHINE TOOLS LTD. (Inc.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.		DRAWN 	MAT.	
CHECKED		MAT. SIZE		
PASSED		No. REQD.		SCALE
DATE 7.10.71		DRAWING No. <b>SK 360/2</b>		

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

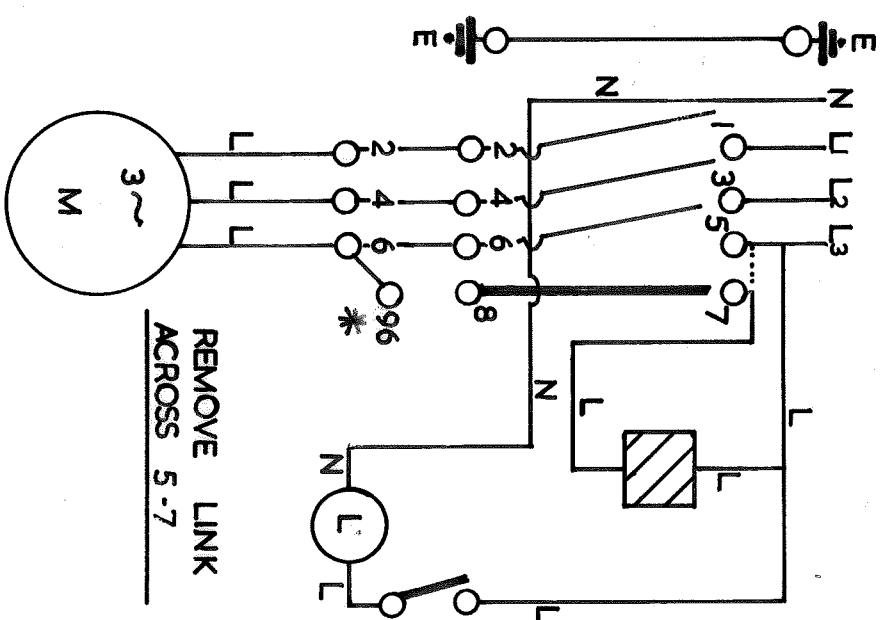
ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

# DANFOSS 1~ CONTACTOR

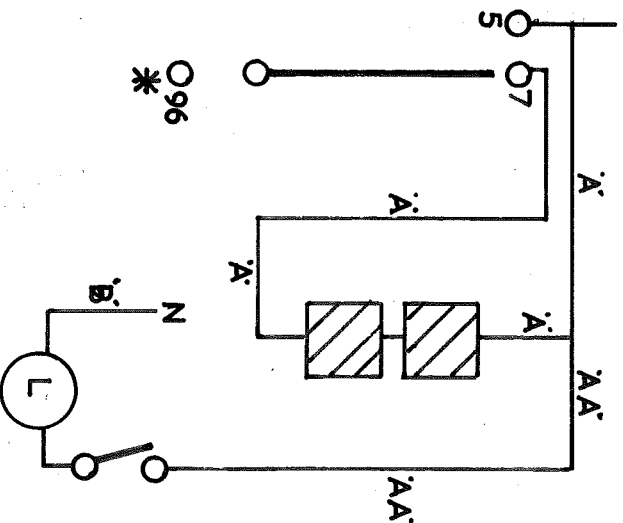


# DANFOSS 3~ CONTACTOR



## ALTERATIONS

SHOWING EXTRA MICROSWITCH ADDED TO ABOVE CIRCUITS FOR FOOT KNOCK OFF WHEN REQUIRED.



SKETCH SHOWS 3~ CIRCUIT. A & AA WIRES BROWN AS 5-7 TERMINALS ARE THE L3 CIRCUIT. B WIRE IS BLUE AND JOINS AN OUTSIDE SOURCE FOR NEUTRAL.

WHEN SINGLE ~, AA WIRE IS JOINED TO TERMINAL 3. WIRE B IS THEN JOINED TO TERMINAL 5. (# BELOW)

# WHEN SINGLE ~ AA BROWN, A & B WIRES BLUE.

OMIT FOR SHAPER.

## T.D.S.22 & 23. PEDESTAL & BENCH DRILL+ ROYAL SHAPER WIRING DIAGRAM.

DENFORD MACHINE TOOLS LTD.  
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN	
CHECKED	
PASSED	
DATE	7.10.71

MAT.	
MAT. SIZE	
No. REQD.	
DRAWING No.	

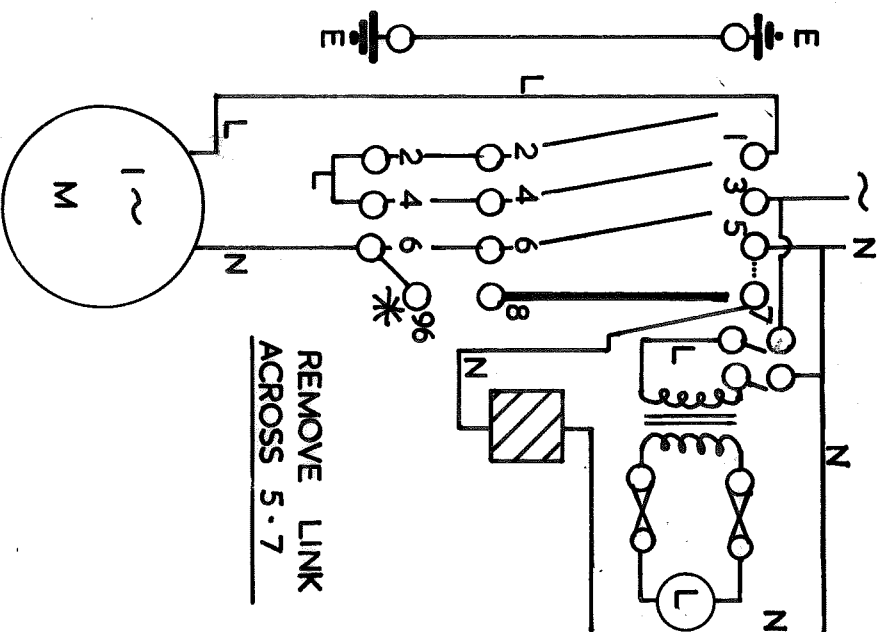
SK 360/3

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

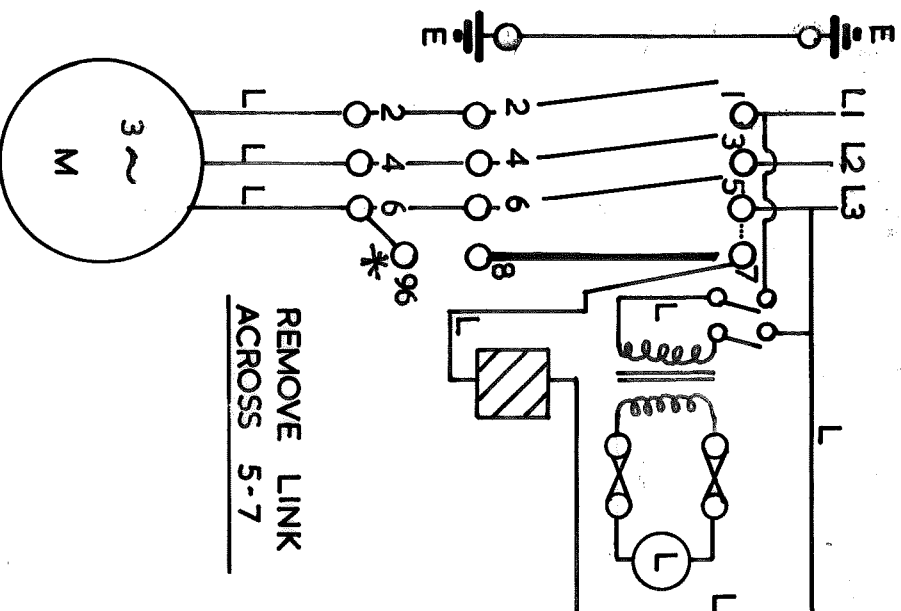
ANGULAR  $\pm \frac{1}{2}^{\circ}$  3 PLACE DECIMAL  $\pm .005^{\circ}$

FRACTIONAL  $\pm .010^{\circ}$  4 PLACE DECIMAL  $\pm .0005^{\circ}$

# DANFOSS 1~ CONTACTOR

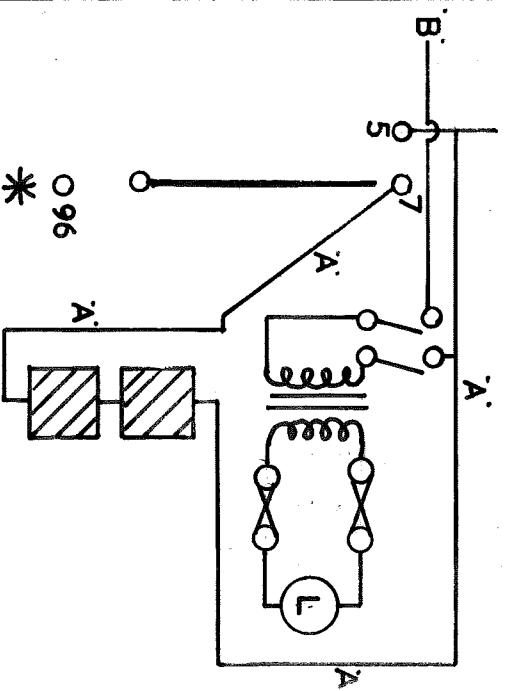


# DANFOSS 3~ CONTACTOR



# ALTERATIONS

SHOWING EXTRA MICRO SWITCH ADDED TO ABOVE CIRCUITS FOR FOOT KNOCK OFF WHEN REQUIRED.



WHEN SINGLE ~ A WIRES MUST BE BLUE AS 5 & 7 TERMINALS ARE THE NEUTRAL CIRCUIT. 'B' WIRE IS BROWN AND JOIN TO ~.

WHEN THREE ~ A WIRES MUST BE BROWN AS 5 & 7 TERMINALS ARE THE L3 CIRCUIT.

'B' WIRE IS BROWN AND JOINS TO L1.

T.D.S. 22.23.7.8&12. DRILLS, PEDESTAL GRINDERS & 16" SHARPEDGE. WIRING DIAGRAMS.

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

DENFORD MACHINE TOOLS LTD.

(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN

*AT*

MAT.

CHECKED

MAT. SIZE

PASSED

No. REQD.

SCALE

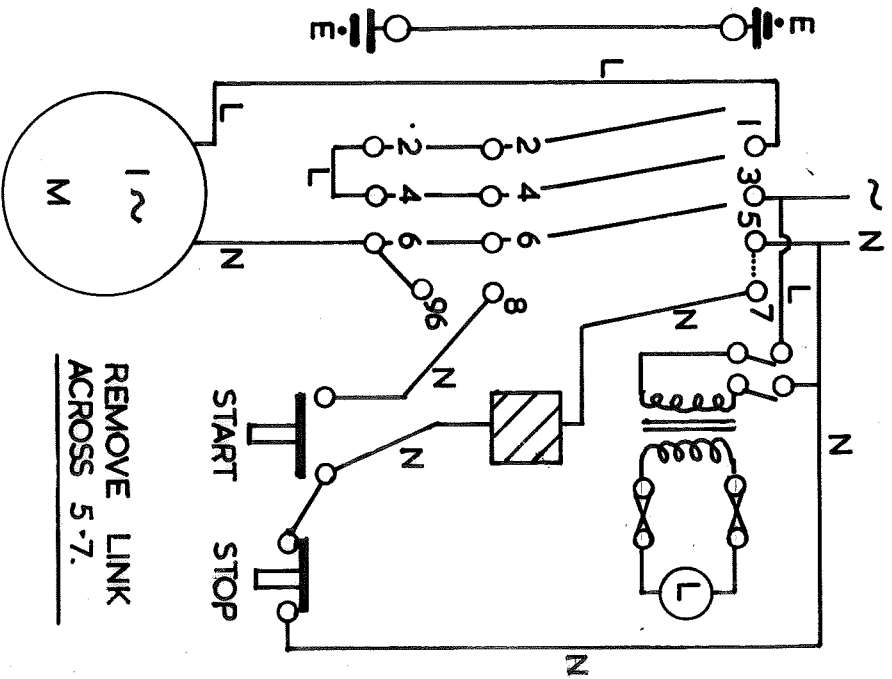
DATE

7.10.71

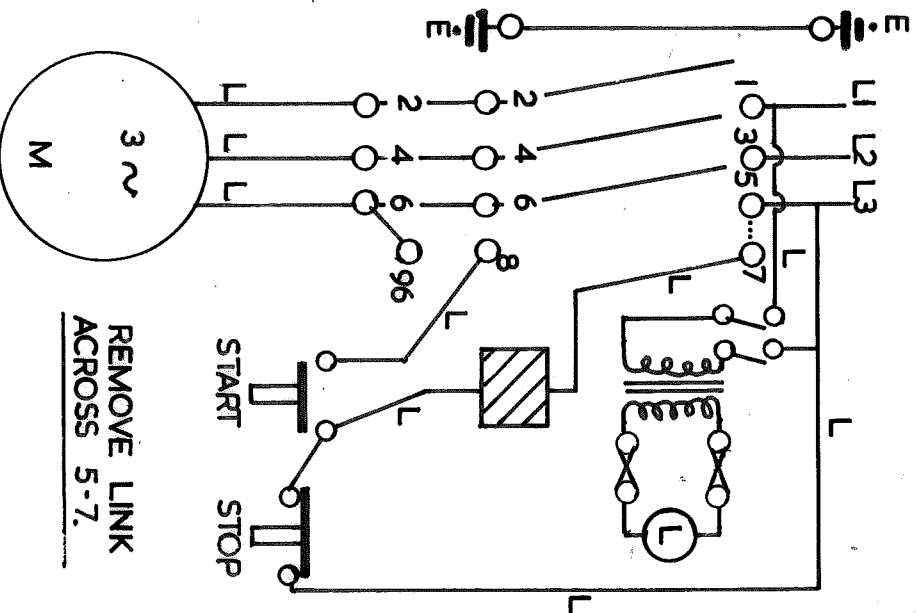
DRAWING No.

SK 360/4

# DANFOSS 1 ~ CONTACTOR

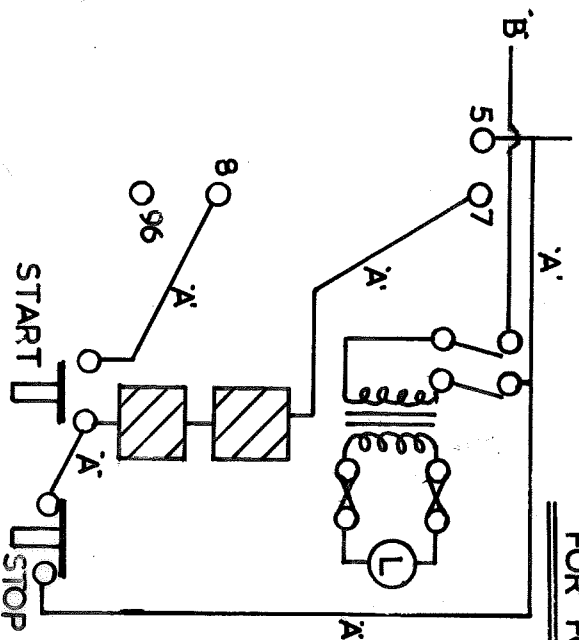


# DANFOSS 3 ~ CONTACTOR



# ALTERATIONS

SHOWING EXTRA MICRO SWITCH ADDED TO ABOVE CIRCUITS  
FOR FOOT KNOCK OFF WHEN REQUIRED.



WHEN SINGLE ~ A WIRES MUST BE BLUE  
AS TERMINALS ARE THE NEUTRAL  
CIRCUIT. B WIRE IS BROWN AND JOIN TO ~  
WHEN THREE ~ A WIRES IS BROWN AS  
TERMINALS 5 & 7 ARE L3 B WIRES IS  
BROWN JOIN TO L1.

# T.D.S.9.10.11 & 6. CABINET GRINDER & WOODLATHES. WIRING DIAGRAMS.

LIMITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

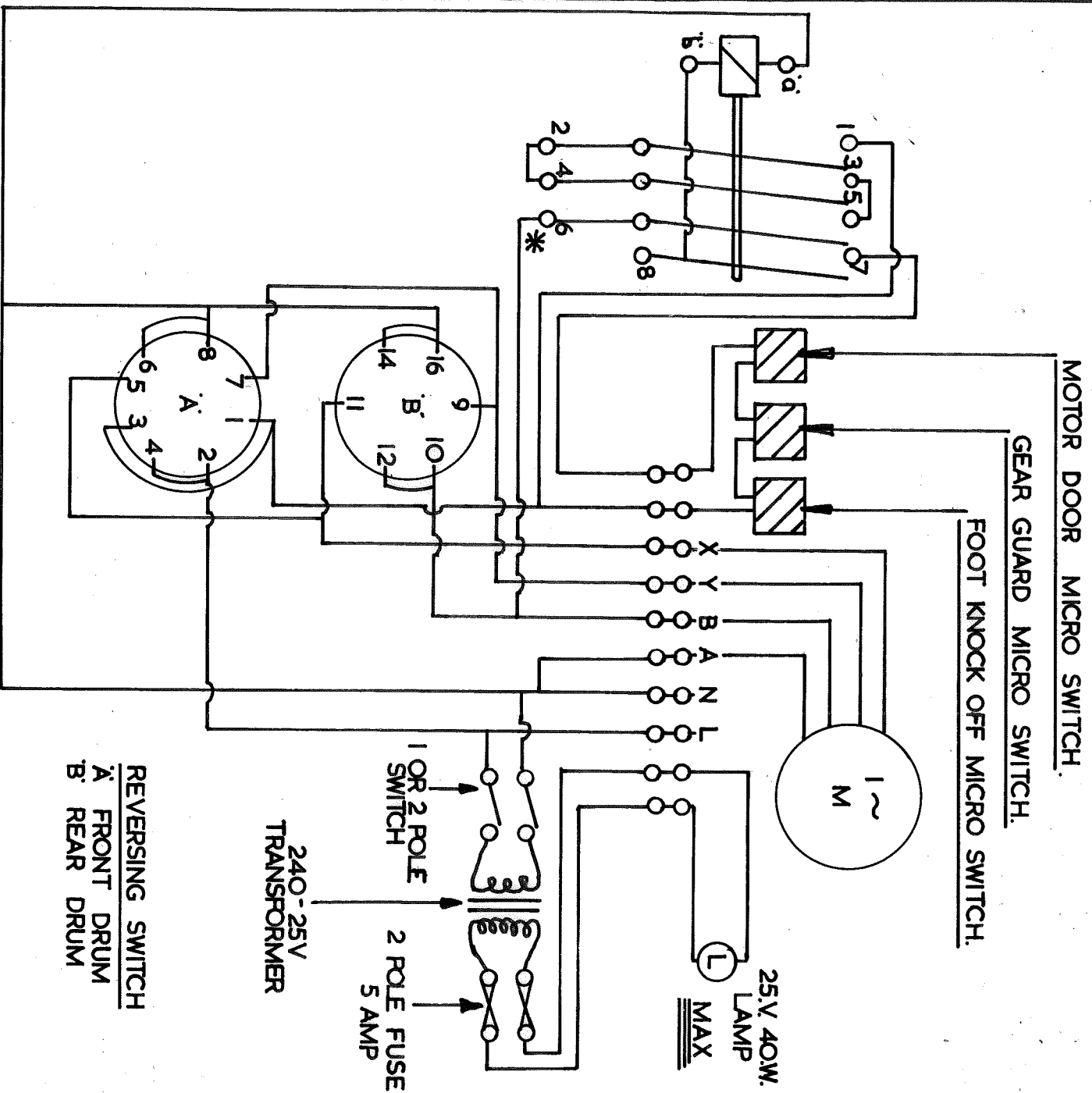
FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

DENFORD MACHINE TOOLS LTD.  
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.  
BRIGHOUSE,  
YORKSHIRE.

DRAWN   
CHECKED  
PASSED  
DATE 7.10.71

MAT.  
MAT. SIZE  
No. REQD.  
DRAWING No.

SK 360/5



LIMITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

**T.D.S./I.1/2.1.3 & 5. 'VICEROY' METAL LATHE.**  
**1 PHASE WIRING DIAGRAM.**

**DANFOSS 1~ CONTACTOR**

DENFORD MACHINE TOOLS LTD.  
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.  
BRIGHOUSE,  
YORKSHIRE.

DRAWN	<i>[Signature]</i>
CHECKED	
PASSED	
DATE	7.10.71

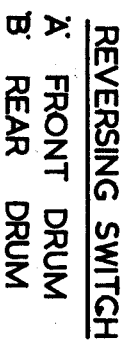
MAT.	
MAT. SIZE	
No. REQD.	SCALE
DRAWING No.	

SK 360/6

## ALTERATIONS

**GEAR GUARD MICRO SWITCH.**

**FOOT KNOCK OFF MICRO SWITCH.**



\* STOP-RESET  
START LINK FROM 8 - 7

### DANFOSS 3~ CONTACTOR

T.D.S. 1/1.1/2.1.3 & 5. 'VICEROY' METAL LATHE.  
3 PHASE WIRING DIAGRAM.

LIMITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

**DENFORD MACHINE TOOLS LTD.  
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.  
BRIGHOUSE,  
YORKSHIRE.**

DRAWN	<i>[Signature]</i>
CHECKED	
PASSED	
DATE	

MAT.	
MAT. SIZE	
No. REQD.	SCALE
DRAWING No.	

SK.360/7.



RECOMMENDED  
ISOLATORS  
RADDETTE Q1426 OR  
Q1438 (FUSED)

NO VOLT STARTER  
2" DIA. 200/250V/1/50.

OUTLET  $1\frac{3}{4}$ " DIA.

AIR CORRECTION  
BAFFLE

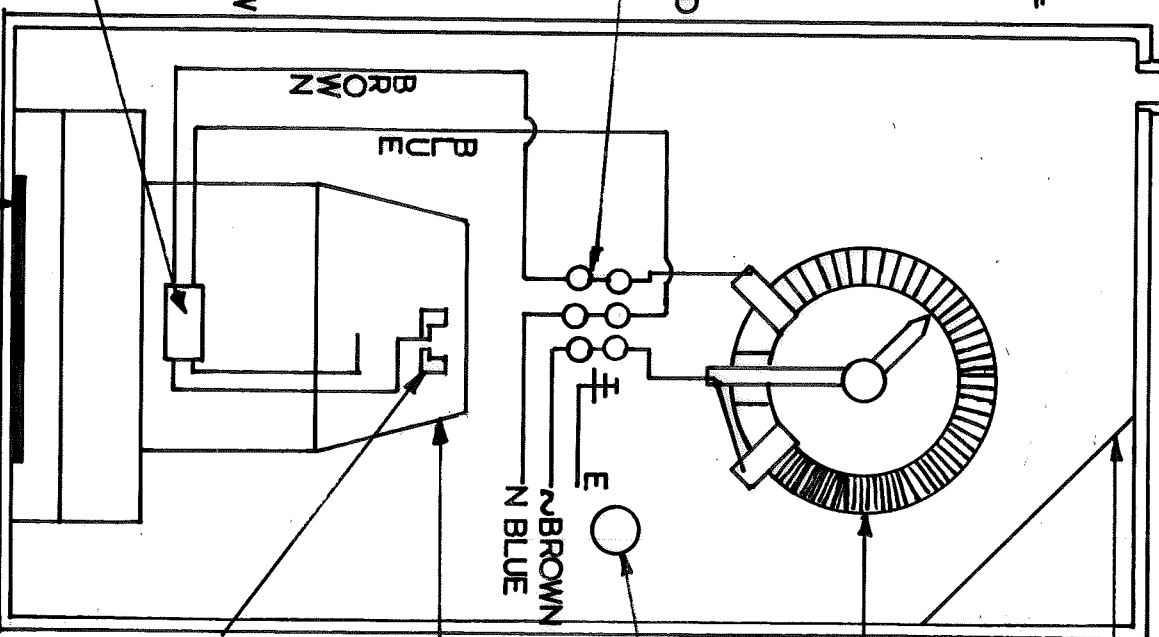
AIR COOLED  
POTENTIOMETER  
Nº 180 3.4A/AC

$\frac{3}{4}$ " DIA CONDUIT ENTRY

TERMINAL BLOCK FIXED  
TO BOX SIDE.  
EARTH WIRE FIRMLY  
FIXED TO METAL BOX.

LIVE WIRE - BROWN  
NEUTRAL - BLUE  
EARTH - GREEN/YELLOW

MAIN  
SUPPRESSER.



DOUBLE-INSULATED  
UNIVERSAL MOTOR  
Nº 419 .6 HP  
MAX SPEED 1400 R.P.M.  
MIN SPEED 525 R.P.M.  
COMMUTATOR BRUSHES  
REQUIRE INSPECTION  
FOR REPLACEMENTS  
EVERY 500 RUNNING  
HOURS

AIR INTAKE HOLE PROTECTED  
WITH PERFORATED SHEET.  
PERFORATION NOT LESS THAN  
 $\frac{1}{4}$ " DIA OR  $\frac{1}{4}$ " DIAMOND MESH  
AIR RESTRICTION MUST BE NIL

## TDS 14 VICEROY FORGE BLOWER UNITS. WIRING DIAGRAM.

LIMITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$

FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$

DENFORD MACHINE TOOLS LTD.  
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN	
CHECKED	
PASSED	
DATE	11.10.71

MAT.	
MAT. SIZE	
No. REQD.	SCALE
DRAWING No.	

SK 360/8