



Rockwell

MANUFACTURING COMPANY

The Rockwell Building • Pittsburgh, Pa.

PM-402-07-655-5008

DATED IM 5-15-67

ELECTRICAL WIRING DIAGRAMS FOR ROCKWELL-DELTA FACTORY WIRED 17" AND 20" DRILL PRESSES

THE WIRING DIAGRAM SHOWN ON PAGE 2 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-404, 49-440, 49-444, AND 49-729 PUSH BUTTON MANUAL SWITCH CONTROL FOR SINGLE PHASE MOTORS.

THE WIRING DIAGRAM SHOWN ON PAGE 3 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-408, 49-441, 49-445, 49-740, 49-744, AND 49-748 PUSH BUTTON MANUAL SWITCH CONTROL FOR THREE PHASE MOTORS.

THE WIRING DIAGRAM SHOWN ON PAGE 4 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-675 AND 49-676 PUSH BUTTON MANUAL CONTROL WITH OVERLOAD SWITCH FOR SINGLE PHASE MOTORS.

THE WIRING DIAGRAM SHOWN ON PAGE 5 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-731, 49-734, 49-737, 49-741, 49-745, AND 49-749 PUSH BUTTON MANUAL CONTROL WITH OVERLOAD SWITCH FOR THREE PHASE MOTORS.

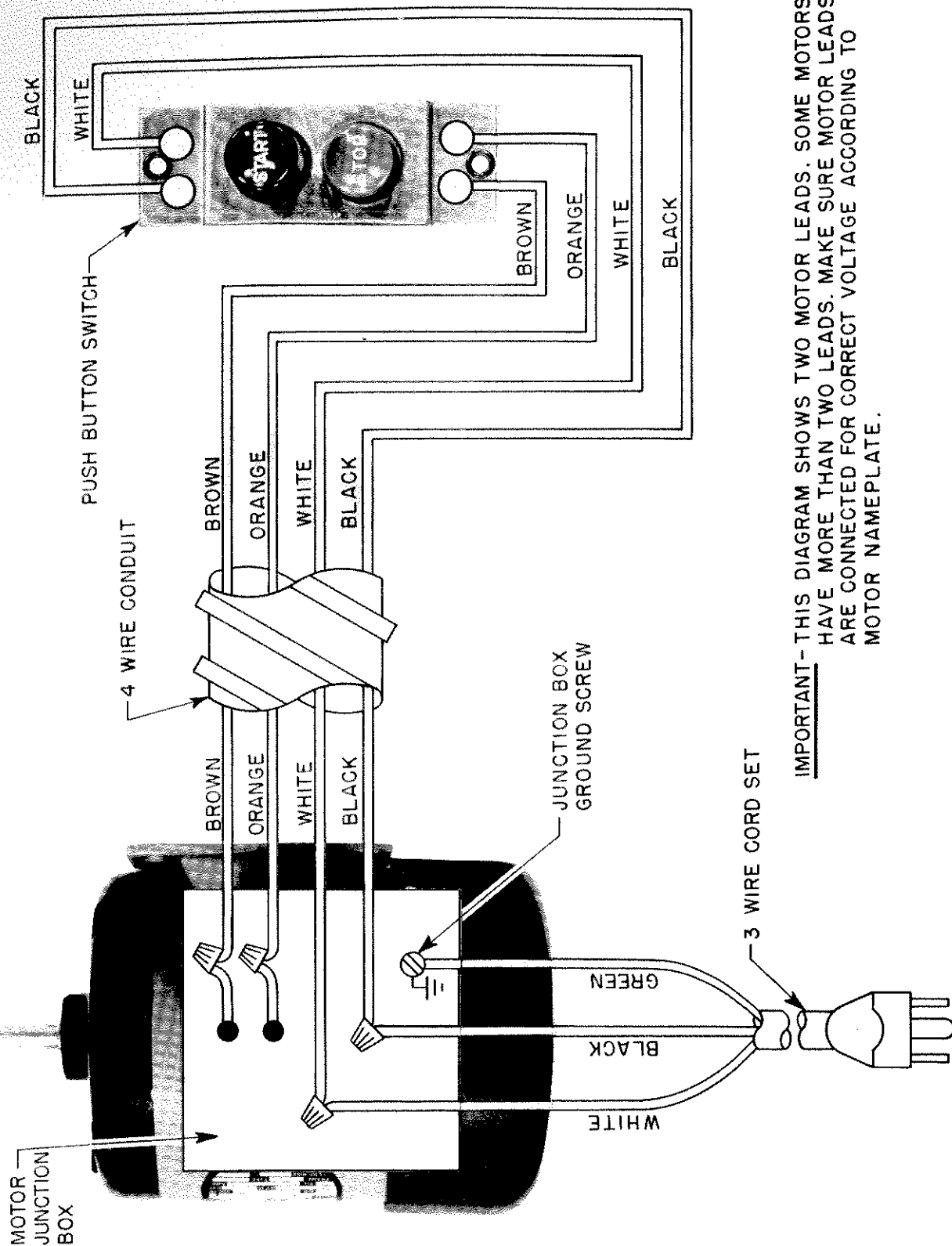
THE WIRING DIAGRAM SHOWN ON PAGE 6 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-726, 49-727, 49-728, AND 49-730 PUSH BUTTON SWITCH AND MAGNETIC STARTER WITH FULL VOLTAGE CONTROL SINGLE PHASE MOTORS.

THE WIRING DIAGRAM SHOWN ON PAGE 7 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-732, 49-735, 49-738, 49-742, 49-746 AND 49-750 PUSH BUTTON SWITCH AND MAGNETIC STARTER WITH FULL VOLTAGE CONTROL FOR THREE PHASE MOTORS.

THE WIRING DIAGRAM SHOWN ON PAGE 8 APPLIES TO ALL FACTORY WIRED 17" AND 20" DRILL PRESSES WIRED FOR CAT. NOS. 49-733, 49-736, 49-739, 49-743, 49-747, AND 49-751 PUSH BUTTON SWITCH AND MAGNETIC STARTER WITH 115 VOLT CONTROL FOR THREE PHASE MOTORS.

PUSH BUTTON MANUAL SWITCH CONTROL FOR SINGLE PHASE MOTORS

MOTOR SHOULD RUN CLOCKWISE WHEN
VIEWING SHAFT. SEE MOTOR NAMEPLATE
FOR REVERSING DIRECTIONS.

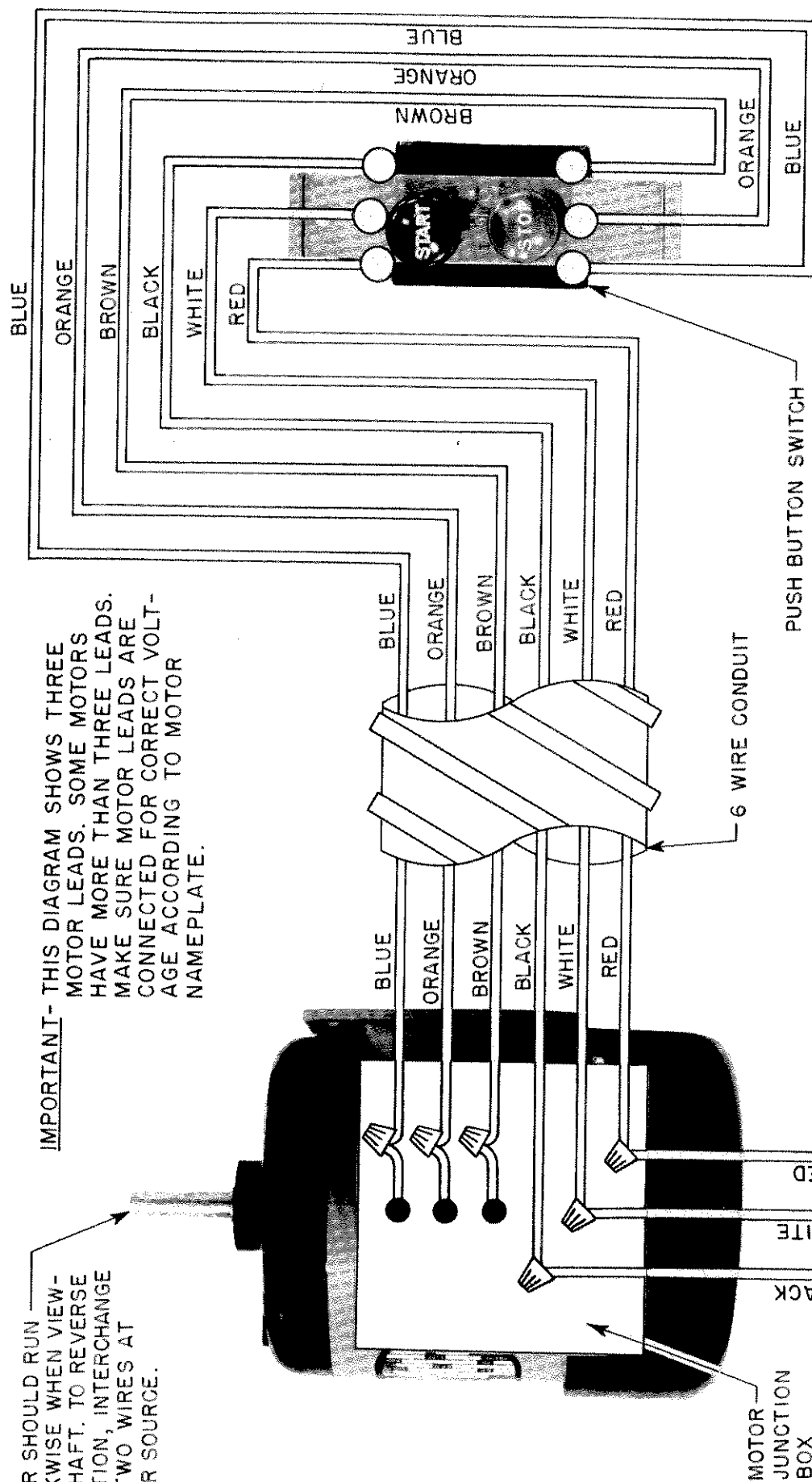


IMPORTANT—THIS DIAGRAM SHOWS TWO MOTOR LEADS. SOME MOTORS
HAVE MORE THAN TWO LEADS. MAKE SURE MOTOR LEADS
ARE CONNECTED FOR CORRECT VOLTAGE ACCORDING TO
MOTOR NAMEPLATE.

PUSH BUTTON MANUAL SWITCH CONTROL FOR THREE PHASE MOTORS

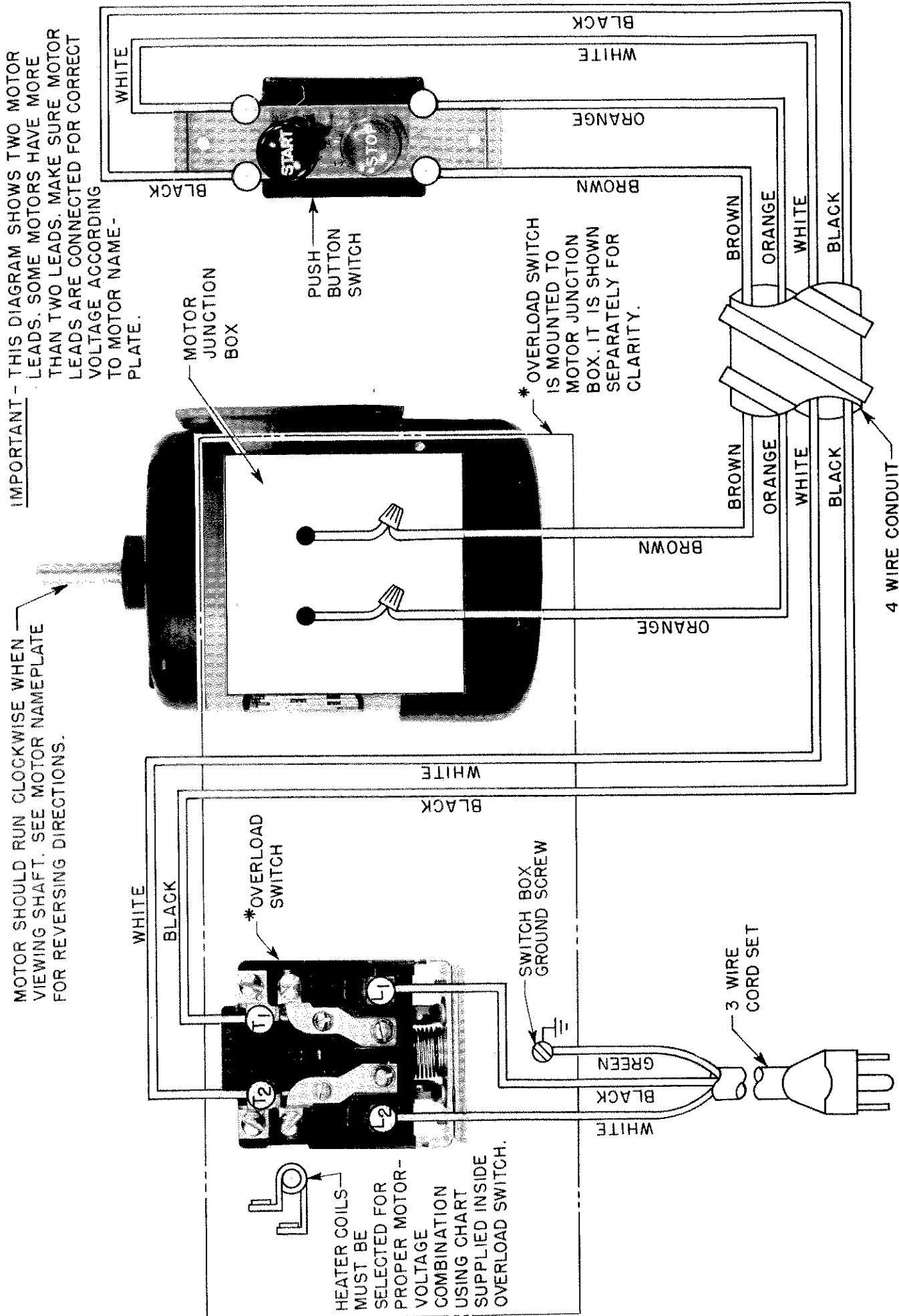
MOTOR SHOULD RUN
CLOCKWISE WHEN VIEW-
ING SHAFT. TO REVERSE
ROTATION, INTERCHANGE
ANY TWO WIRES AT
POWER SOURCE.

IMPORTANT- THIS DIAGRAM SHOWS THREE MOTOR LEADS. SOME MOTORS HAVE MORE THAN THREE LEADS. MAKE SURE MOTOR LEADS ARE CONNECTED FOR CORRECT VOLTAGE ACCORDING TO MOTOR NAMEPLATE.



THREE PHASE POWER LEADS ARE TO BE SUPPLIED AND CONNECTED BY THE CUSTOMER. MOTOR AND CONTROLS MUST BE PROPERLY GROUNDED.

PUSH BUTTON MANUAL CONTROL WITH OVERLOAD SWITCH FOR SINGLE PHASE MOTORS

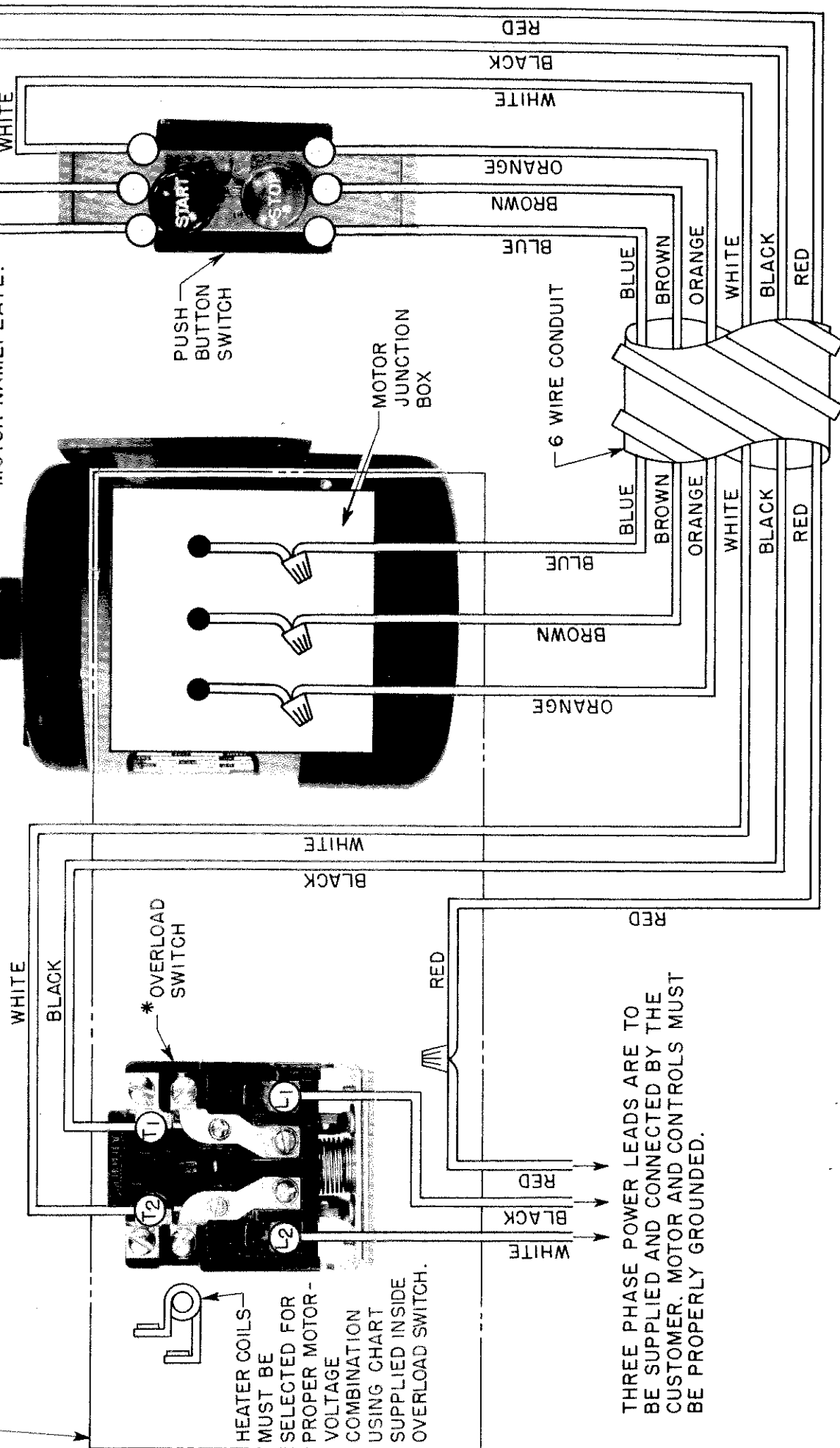


PUSH BUTTON MANUAL CONTROL WITH OVERLOAD SWITCH FOR THREE PHASE MOTORS

IMPORTANT - THIS DIAGRAM SHOWS THREE MOTOR LEADS. SOME MOTORS HAVE MORE THAN THREE LEADS. MAKE SURE MOTOR LEADS ARE CONNECTED FOR CORRECT VOLT-AGE ACCORDING TO MOTOR NAMEPLATE.

MOTOR SHOULD RUN CLOCKWISE WHEN VIEWING SHAFT. TO REVERSE ROTATION, INTERCHANGE ANY TWO WIRES AT POWER SOURCE.

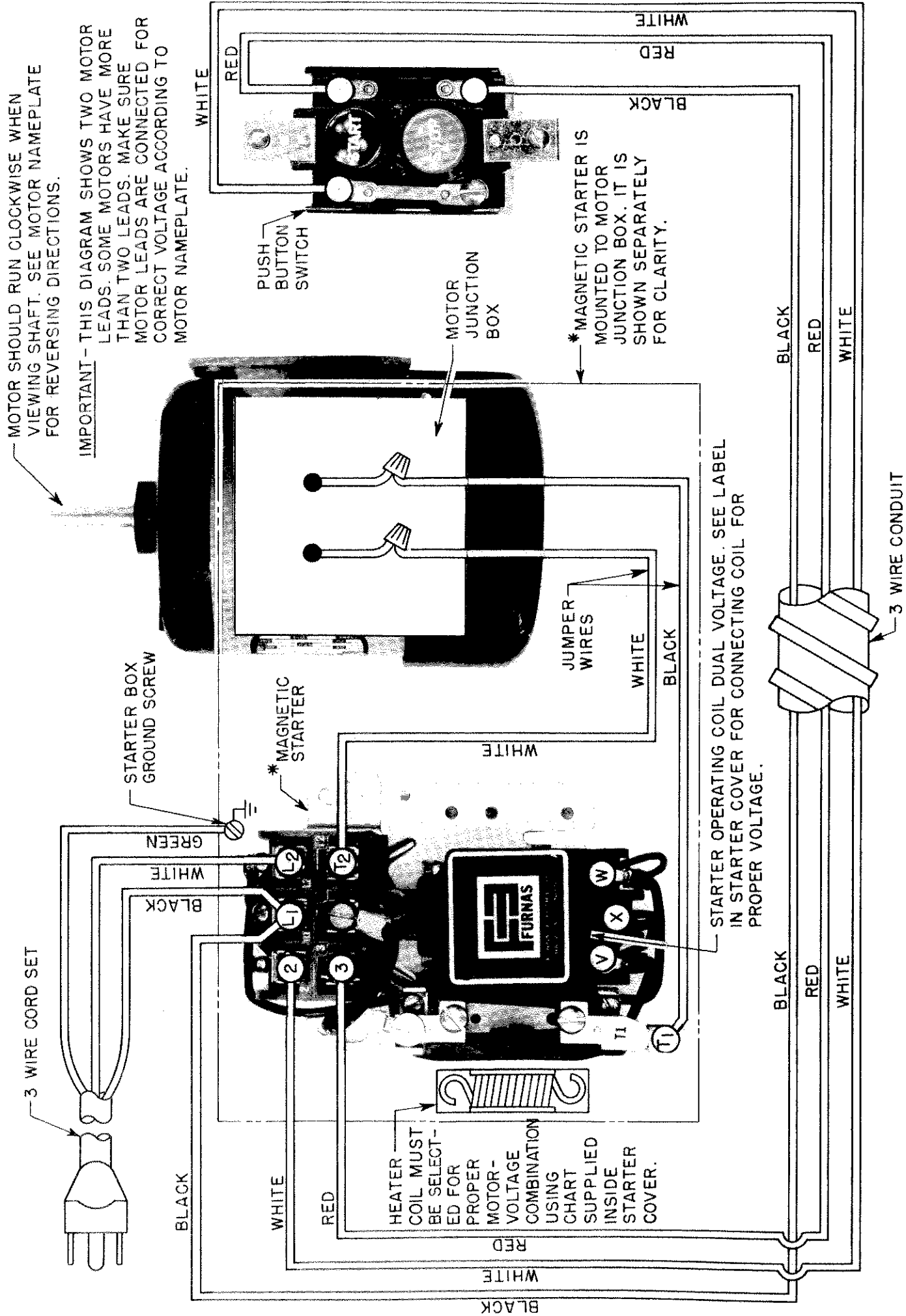
* OVERLOAD SWITCH IS MOUNTED TO MOTOR JUNCTION BOX. IT IS SHOWN SEPARATELY FOR CLARITY.



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HEATER COILS— MUST BE SELECTED FOR PROPER MOTOR- VOLTAGE COMBINATION USING CHART SUPPLIED INSIDE OVERLOAD SWITCH.

PUSH BUTTON SWITCH AND MAGNETIC STARTER **WITH FULL VOLTAGE CONTROL FOR SINGLE PHASE MOTORS**



PUSH BUTTON SWITCH AND MAGNETIC STARTER WITH FULL VOLTAGE CONTROL FOR THREE PHASE MOTORS

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