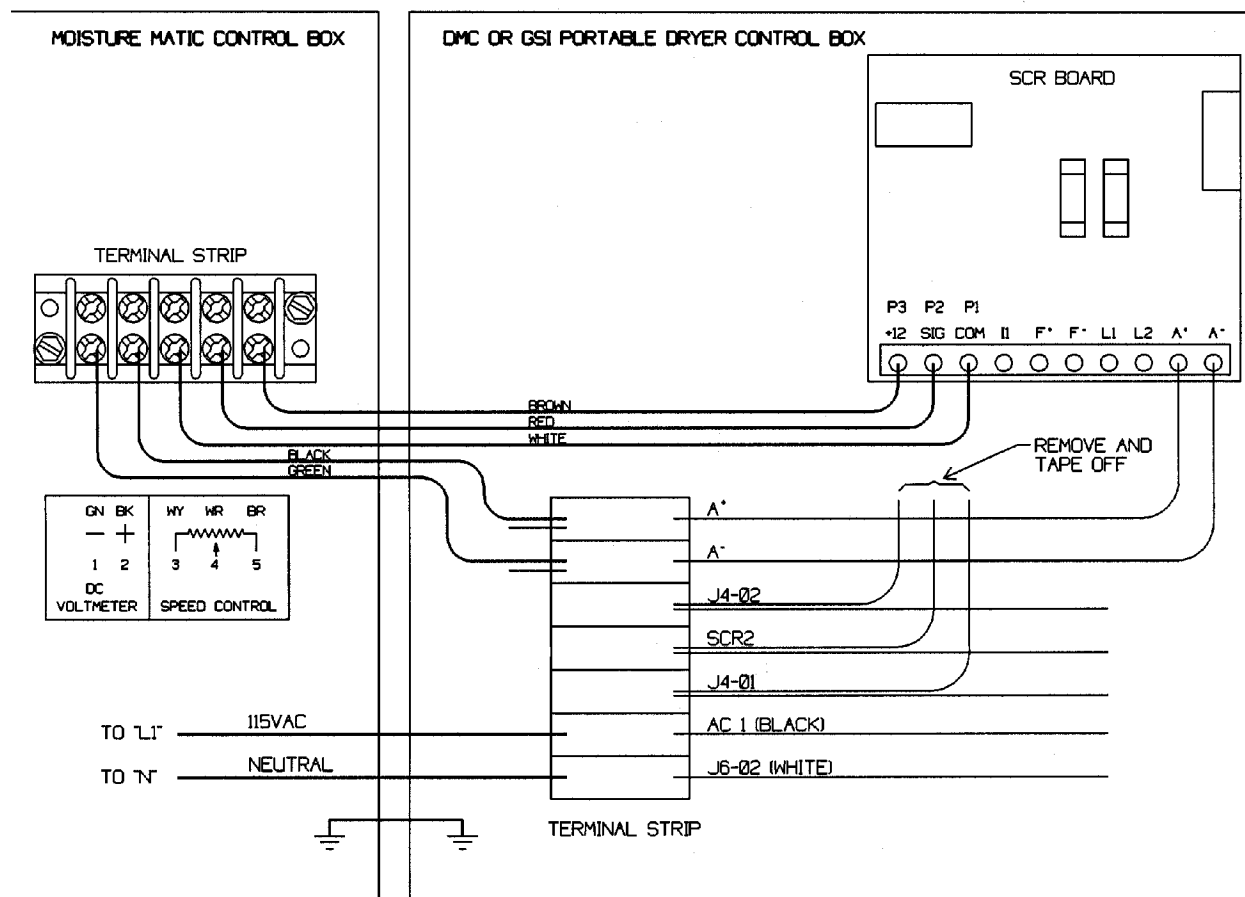


Appendix C

Wiring Examples

Hooking Up A Moisture/Matic Control Box To A DMC or GSI Portable Dryer



REMOVE AND TAPE OFF THREE ORIGINAL WIRES FROM TERMINALS "+12", "SIG" AND "COM".

MAKE THE FOLLOWING SIGNAL WIRE CONNECTIONS:

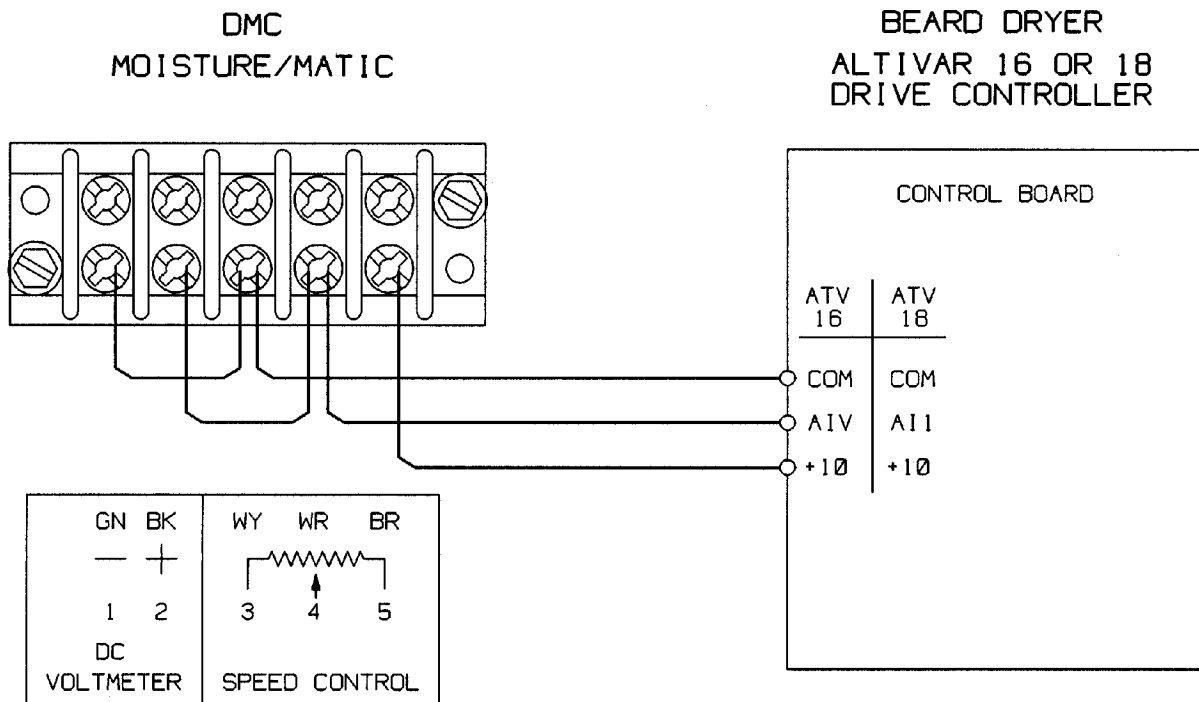
1. DMC TERMINAL "1" TO DRYER TERMINAL "A+" ON TERMINAL STRIP
2. DMC TERMINAL "2" TO DRYER TERMINAL "A+" ON TERMINAL STRIP
3. DMC TERMINAL "3" TO DRYER TERMINAL "+12" ON SCR
4. DMC TERMINAL "4" TO DRYER TERMINAL "SIG" ON SCR
5. DMC TERMINAL "5" TO DRYER TERMINAL "COM" ON SCR

MAKE THE FOLLOWING POWER WIRE CONNECTIONS:

1. DMC TERMINAL "L1" TO DRYER TERMINAL "AC 1" ON TERMINAL STRIP
2. DMC TERMINAL "N" TO DRYER TERMINAL "J6-02" ON TERMINAL STRIP
3. DMC TERMINAL "GND" TO DRYER GROUND LUG

THE DRYER "MOISTURE CONTROL" SWITCH AND THE DRYER HIGH SPEED AND LOW SPEED ADJUSTMENTS WILL HAVE NO EFFECT ON METERING ROLL SPEED.
THE MOISTURE/MATIC WILL HAVE TOTAL CONTROL OF METERING ROLL SPEED.

Hooking Up A Moisture/Matic Control Box To A Beard Dryer With An Altivar Drive

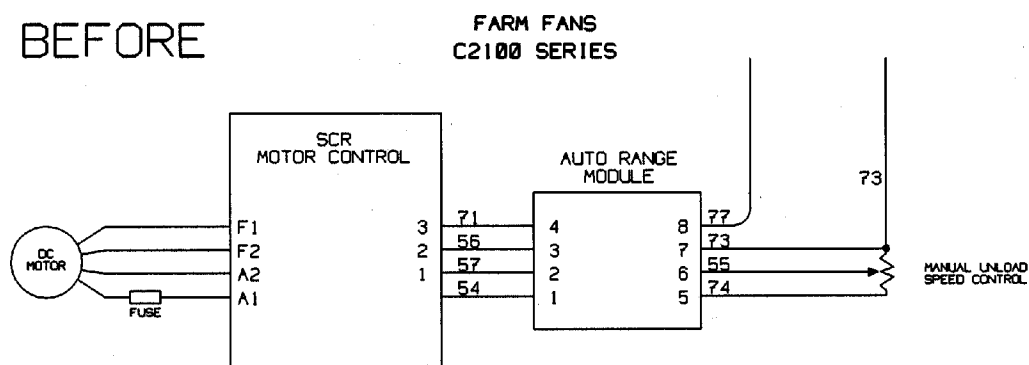


1. REMOVE AND TAPE OFF THE WIRES FROM THE MANUAL SPEED CONTROL AND THE SPEED METER. THIS SHOULD BE DONE ON THE BACK SIDE OF THE SPEED CONTROL AND METER IN THE BEARD DRYER
2. ADD WIRE FROM "COM" TO TERMINAL 3.
3. ADD WIRE FROM "AIV" ("A11") TO TERMINAL 4.
4. ADD WIRE FROM "+10V" TO TERMINAL 5.
5. CONNECT JUMPER WIRE FROM TERMINAL 1 TO TERMINAL 3.
6. CONNECT JUMPER WIRE FROM TERMINAL 2 TO TERMINAL 4.

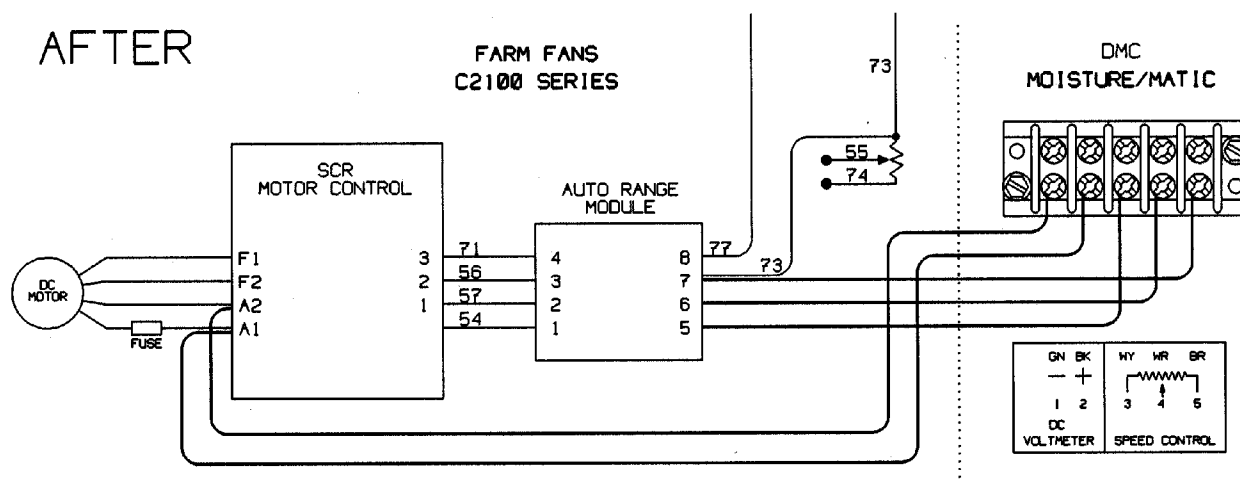
OPERATION: THE MANUAL/AUTOMATIC SWITCH ON THE DRYER MUST BE IN THE MANUAL POSITION. THE METERING ROLL SPEED IS CONTROLLED FROM THE CALC-U-DRI CONTROL BOX. THE SPEED IS DISPLAYED (FROM 0 TO 10) IN THE CALC-U-DRI CONTROL BOX.

Hooking Up A Moisture/Matic Control Box To A Farm Fans Series 2100 Dryer

BEFORE



AFTER



REMOVE AND TAPE OFF THE FOLLOWING TWO WIRES FROM THE AUTO RANGE MODULE:

1. WIRE #55 FROM TERMINAL "6"
2. WIRE #74 FROM TERMINAL "5"

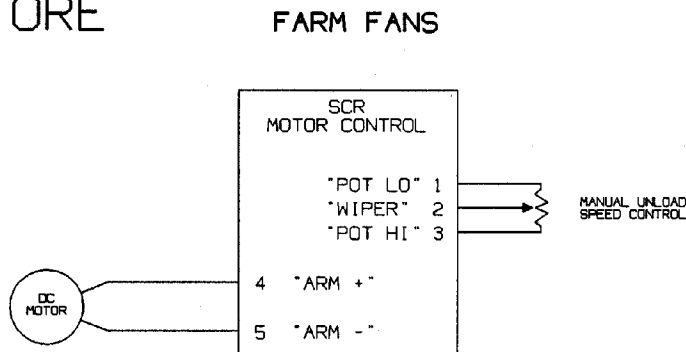
MAKE THE FOLLOWING WIRE CONNECTIONS:

1. DMC TERMINAL "1" TO FARM FANS TERMINAL "A2" ON SCR
2. DMC TERMINAL "2" TO FARM FANS TERMINAL "A1" ON SCR
3. DMC TERMINAL "3" TO FARM FANS TERMINAL "5" ON AUTO RANGE MODULE
4. DMC TERMINAL "4" TO FARM FANS TERMINAL "6" ON AUTO RANGE MODULE
5. DMC TERMINAL "5" TO FARM FANS TERMINAL "7" ON AUTO RANGE MODULE

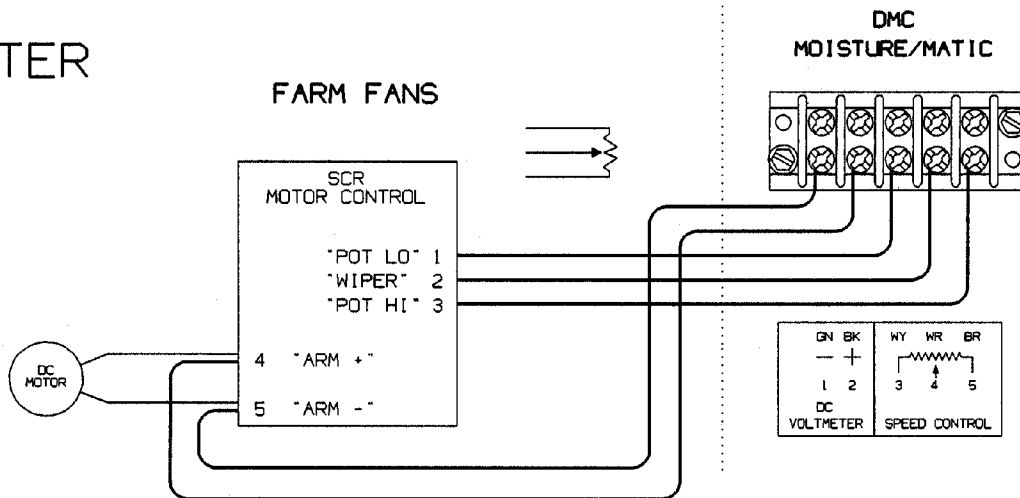
RUN FARM FANS DRYER IN MANUAL MODE

Hooking Up A Moisture/Matic Control Box To A Farm Fans Series CFS-SA 410 Dryer

BEFORE



AFTER



REMOVE THE THREE WIRES ON TERMINALS "1", "2", AND "3" ON THE SCR

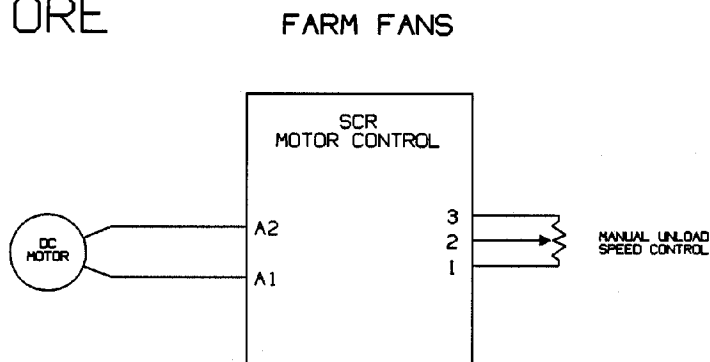
MAKE THE FOLLOWING WIRE CONNECTIONS:

1. DMC TERMINAL "1" TO FARM FANS TERMINAL "5" ON SCR
2. DMC TERMINAL "2" TO FARM FANS TERMINAL "4" ON SCR
3. DMC TERMINAL "3" TO FARM FANS TERMINAL "1" ON SCR
4. DMC TERMINAL "4" TO FARM FANS TERMINAL "2" ON SCR
5. DMC TERMINAL "5" TO FARM FANS TERMINAL "3" ON SCR

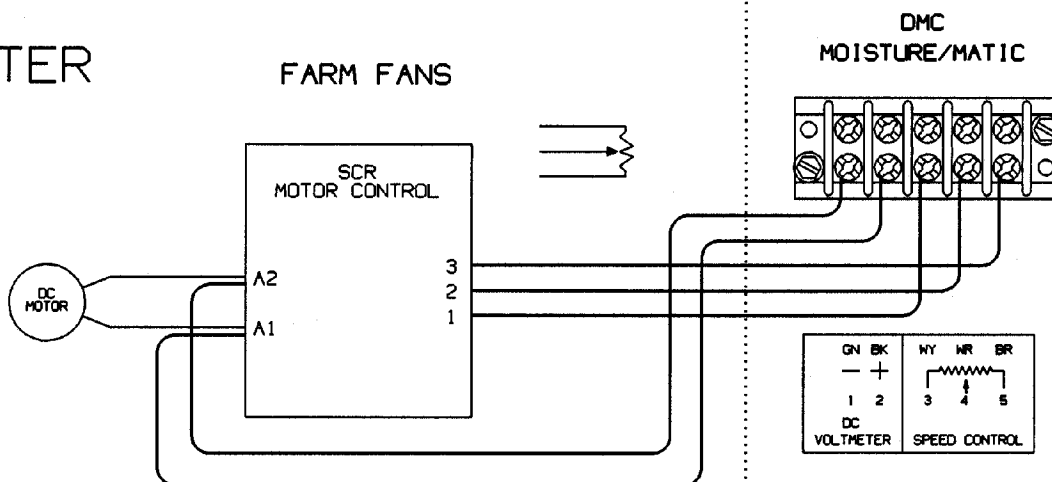
RUN FARM FANS DRYER IN CF MODE

Hooking Up A Moisture/Matic Control Box To A Farm Fans Series CF/AB 270 & 320 Dryer

BEFORE



AFTER



REMOVE THE THREE WIRES ON TERMINALS "1", "2", AND "3" ON THE SCR

MAKE THE FOLLOWING WIRE CONNECTIONS:

1. DMC TERMINAL "1" TO FARM FANS TERMINAL "A2" ON SCR
2. DMC TERMINAL "2" TO FARM FANS TERMINAL "A1" ON SCR
3. DMC TERMINAL "3" TO FARM FANS TERMINAL "1" ON SCR
4. DMC TERMINAL "4" TO FARM FANS TERMINAL "2" ON SCR
5. DMC TERMINAL "5" TO FARM FANS TERMINAL "3" ON SCR

RUN FARM FANS DRYER IN CF MODE



CALC-U-DRI MOISTURE/MATIC

DMC markets across the U.S. and around the world.

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