



TRANE

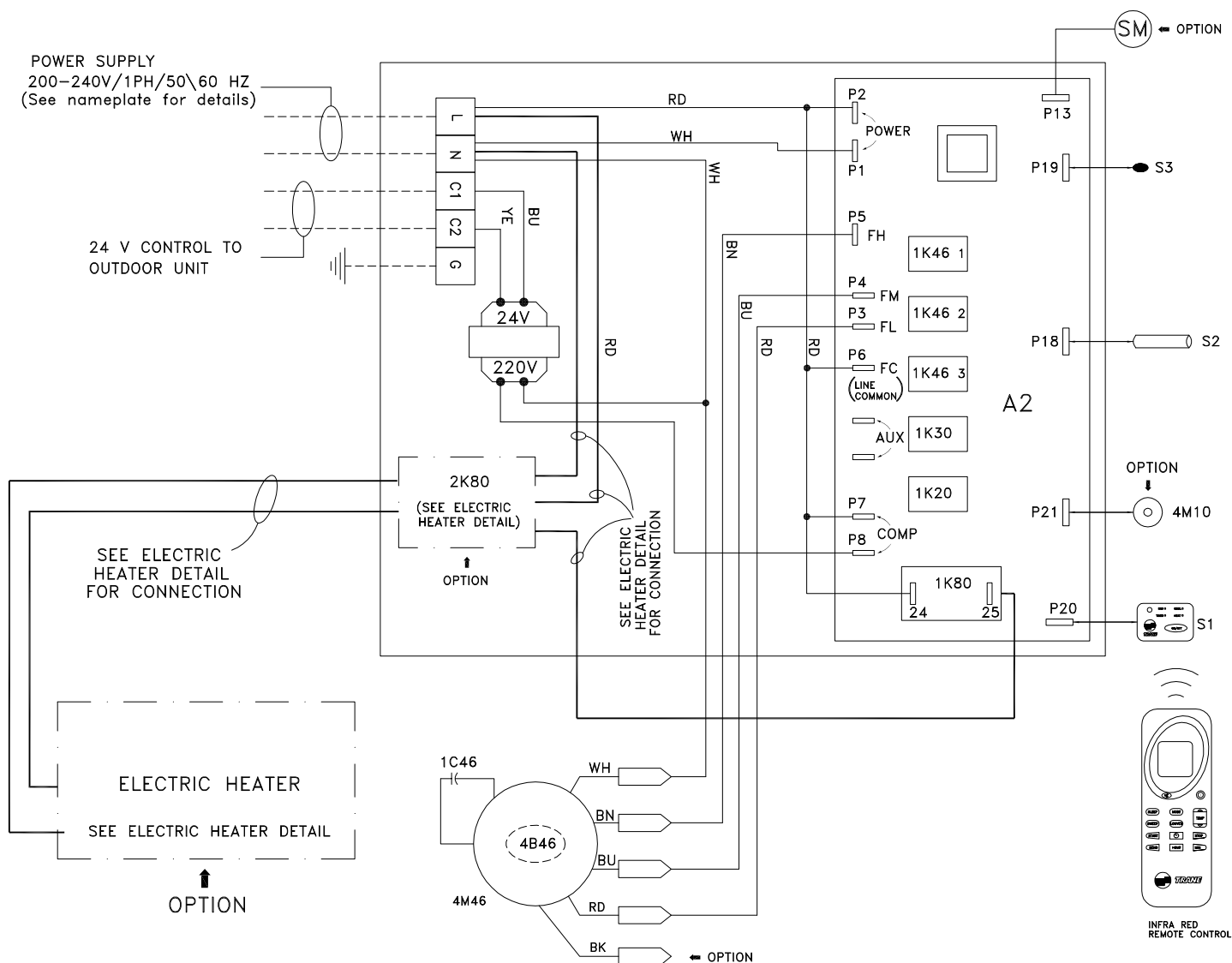
## MCD WIRING DIAGRAM

48-60 / 24V (Cool & Cool\Heat) Infra Red Control

DATE: 9/03

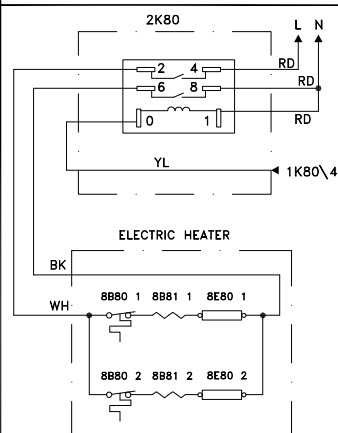
REV: B

NO. 81-033-9-P

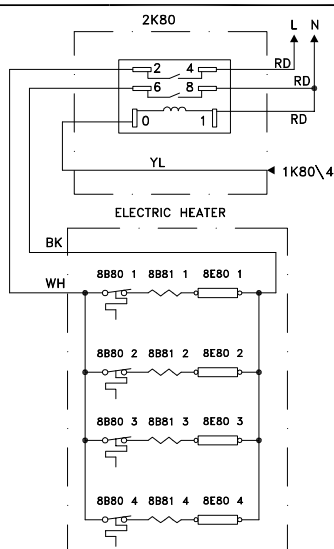


### ELECTRIC HEATER DETAIL

#### 2 HEATERS



#### 4 HEATERS



### LEGEND

|      |                                                       |
|------|-------------------------------------------------------|
| A2   | CIRCUIT BOARD                                         |
| 1C46 | FAN MOTOR CAPACITOR                                   |
| 1K20 | COMPRESSOR RELAY                                      |
| 1K30 | AUXILIARY RELAY                                       |
| 1K46 | FAN SPEED RELAY                                       |
| 4B46 | FAN MOTOR THERMAL OVERLOAD PROTECTION                 |
| 4M46 | INDOOR FAN MOTOR                                      |
| S1   | INFRA RED RECEIVER / CONTROL PANEL                    |
| S2   | FREEZE SENSOR (LOCATED ON EVAPORATOR COIL HEADER)     |
| S3   | RETURN AIR TEMP SENSOR (LOCATED IN RETURN AIR STREAM) |
| SM   | STEPPER MOTOR                                         |
| 4M10 | SWEEP MOTOR                                           |
| 8B80 | HEATER OVERLOAD RELAY                                 |
| 8E80 | HEATING COIL                                          |
| 1K80 | HEATER CONTROL RELAY                                  |
| 2K80 | HEATER CONTACTOR                                      |
| L    | LINE                                                  |
| N    | NEUTRAL                                               |
| ---  | FIELD WIRING                                          |
| ---  | FACTORY WIRING                                        |
| ---  | SEE DETAIL VIEW FOR CONNECTION                        |
| 8B81 | OVERLOAD THERMO RESISTANCE                            |

### CODE COULEUR FARBMARKIERUNG COLOR CODE

|    |        |       |         |
|----|--------|-------|---------|
| BK | BLACK  | NOIR  | SCHWARZ |
| BN | BROWN  | BRUN  | BRAUN   |
| BU | BLUE   | BLEU  | BLAU    |
| GY | GRAY   | GRIS  | GRAU    |
| RD | RED    | ROUGE | ROT     |
| WH | WHITE  | BLANC | WEISS   |
| YE | YELLOW | JAUNE | GELB    |
| GN | GREEN  | VERT  | GRUEN   |

### NOTE:

CONNECTIONS FOR OPTIONS  
ARE AVAILABLE ONLY IF  
OPTION IS INSTALLED