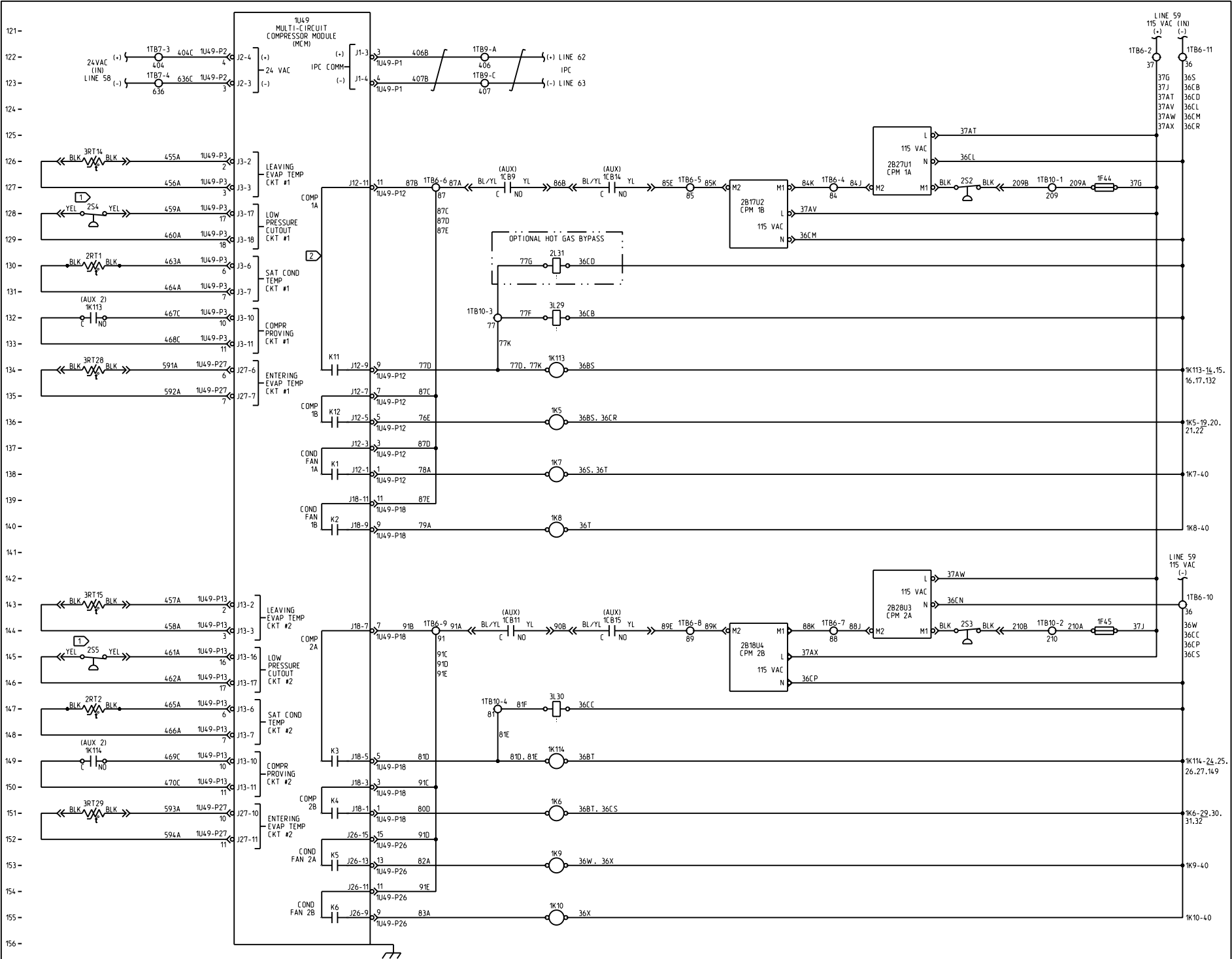




| LEGEND |                                    |             |
|--------|------------------------------------|-------------|
| DEVICE | DESCRIPTION                        | LINE NUMBER |
| 1F44   | FUSE - COMPRESSOR PROTECT          | 127         |
| 1F45   | FUSE - COMPRESSOR PROTECT          | 144         |
| 1K10   | CONTACTOR - CONDENSER FAN          | 155         |
| 1K113  | CONTACTOR - COMPRESSOR             | 132,134     |
| 1K114  | CONTACTOR - COMPRESSOR             | 149         |
| 1K5    | CONTACTOR - COMPRESSOR             | 136         |
| 1K6    | CONTACTOR - COMPRESSOR             | 151         |
| 1K7    | CONTACTOR - CONDENSER FAN          | 138         |
| 1K8    | CONTACTOR - CONDENSER FAN          | 140         |
| 1K9    | CONTACTOR - CONDENSER FAN          | 153         |
| 1U49   | MODULE - MCM                       | 121         |
| 2B17U2 | MODULE - COMPRESSOR PROTECTION     | 127         |
| 2B18U4 | MODULE - COMPRESSOR PROTECTION     | 144         |
| 2B27U1 | MODULE - COMPRESSOR PROTECTION     | 127         |
| 2B28U3 | MODULE - COMPRESSOR PROTECTION     | 144         |
| 2L31   | SOLENOID - HOT GAS BYPASS          | 130         |
| 2RT1   | SENSOR - SATURATED COND TEMP       | 130         |
| 2RT2   | SENSOR - SATURATED COND TEMP       | 147         |
| 2S2    | SWITCH - HIGH PRESSURE CUTOUT      | 127         |
| 2S3    | SWITCH - HIGH PRESSURE CUTOUT      | 144         |
| 2S4    | SWITCH - LOW PRESSURE CUTOUT       | 128         |
| 2S5    | SWITCH - LOW PRESSURE CUTOUT       | 145         |
| 3L29   | SOLENOID - CHARGE ISOLATION CKT #1 | 132         |
| 3L30   | SOLENOID - CHARGE ISOLATION CKT #2 | 147         |
| 3RT14  | SENSOR - LEAVING EVAP TEMP         | 126         |
| 3RT15  | SENSOR - LEAVING EVAP TEMP         | 143         |
| 3RT28  | SENSOR - ENTERING EVAP TEMP        | 134         |
| 3RT29  | SENSOR - ENTERING EVAP TEMP        | 151         |

- 1 CAUTION!! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCES. 2S4 & 2S5 ARE LOW PRESSURE CUTOUT SWITCHES USED FOR COMPRESSOR PROTECTION (25 PSIG).
- 2 STAGING SHOWN WITH LEAD/LAG DISABLED.

CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACÉ, PUEDE OCASIONAR DAÑO AL EQUIPO.

|                                                                                                                                                                                                                                      |  |                                                  |                |        |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|----------------|--------|-----|
| TRANS                                                                                                                                                                                                                                |  | FILE NUMBER                                      | DRAWING NUMBER | SHEET  | REV |
| THIS DRAWING IS THE PROPERTY OF THE COMPANY AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. |  |                                                  | 2313-1873      | 1 OF 1 | A   |
| DRAWN BY: N. CROSSBY                                                                                                                                                                                                                 |  | ROOFTOP PACKAGED AIR CONDITIONER                 |                |        |     |
| CHECKED BY: J. CROSSBY                                                                                                                                                                                                               |  | DIAGRAM                                          |                |        |     |
| DATE: 2/25/13                                                                                                                                                                                                                        |  | CONTROLS - MULTI-CIRCUIT COMPRESSOR MODULE (MCM) |                |        |     |
| BY: J. CROSSBY                                                                                                                                                                                                                       |  | SCHEMATIC 3 OF 5                                 |                |        |     |
| APP'D BY: J. CROSSBY                                                                                                                                                                                                                 |  |                                                  |                |        |     |
| REMARKS: 7-96-73                                                                                                                                                                                                                     |  |                                                  |                |        |     |
| REVISION DATE: 9-26-13                                                                                                                                                                                                               |  |                                                  |                |        |     |
| DRAWN @ DATE: 9-26-13                                                                                                                                                                                                                |  |                                                  |                |        |     |
| CAB SYSTEM USED: PRO/DIAGRAM                                                                                                                                                                                                         |  |                                                  |                |        |     |
| SIMILAR TO: --                                                                                                                                                                                                                       |  |                                                  |                |        |     |