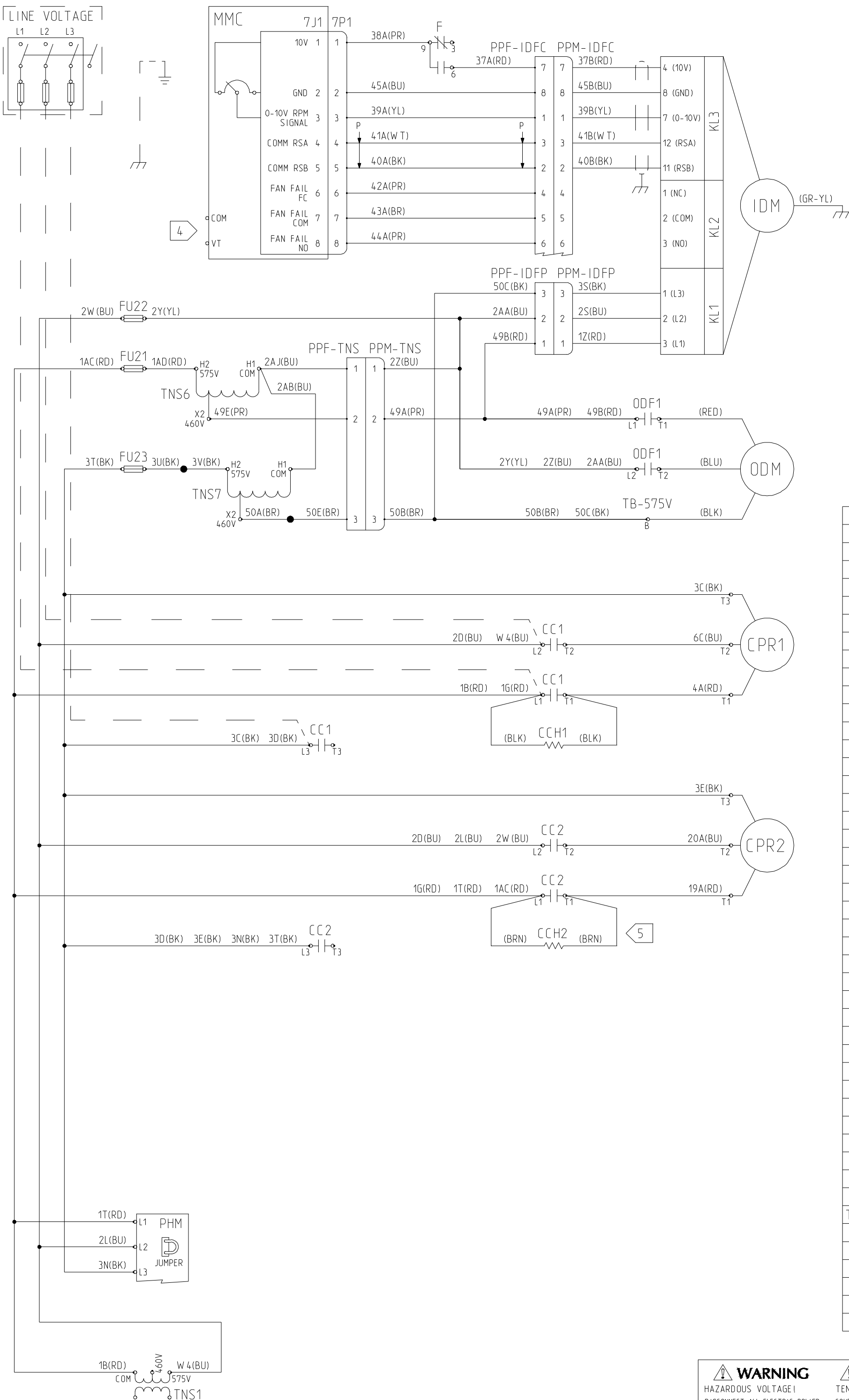




| ABBR  | COLOR                    |
|-------|--------------------------|
| BK    | BLACK                    |
| BR    | BROWN                    |
| BR-RD | BROWN WITH RED STRIPE    |
| BU    | BLUE                     |
| GR-YL | GREEN WITH YELLOW STRIPE |
| OR    | ORANGE                   |
| PR    | PURPLE                   |
| RD    | RED                      |
| WT    | WHITE                    |
| YL    | YELLOW                   |

| REF     | DESCRIPTION             | LINE         |
|---------|-------------------------|--------------|
| CC1     | COMPRESSOR CONT 1       | 26,28,30,88  |
| CC2     | COMPRESSOR CONT 2       | 34,36,38,100 |
| CCH1    | CRANKCASE HTR 1         | 30           |
| CCH2    | CRANKCASE HTR 2         | 38           |
| CFS     | CLOGGED FILTER SWITCH   | 114          |
| COMM    | COMMUNICATIONS MODULE   | 106          |
| CPR1    | COMPRESSOR 1            | 26           |
| CPR2    | COMPRESSOR 2            | 34           |
| CTS     | COIL TEMP SENSOR        | 122          |
| DTS     | DISCHARGE AIR SENSOR    | 103          |
| ECA     | ECONOMIZER ACTUATOR     | 125          |
| F       | FAN RELAY               | 2,94         |
| FFS     | FAN FAIL SWITCH         | 117          |
| FOS     | FROSTAT                 | 111          |
| FU21    | TNS6 & TNS7 FUSE        | 15           |
| FU22    | TNS6 & TNS7 FUSE        | 13           |
| FU23    | TNS6 & TNS7 FUSE        | 19           |
| HPC1    | HIGH-PRESS CUTOUT 1     | 87           |
| HPC2    | HIGH-PRESS CUTOUT 2     | 99           |
| IDM     | ID FAN MOTOR            | 8            |
| LPC1    | LOW-PRESS CUTOUT 1      | 90           |
| LPC2    | LOW-PRESS CUTOUT 2      | 102          |
| LTB1    | LOW-VOLT TERM BOARD     | 80,82        |
| MAS     | MIXED AIR SENSOR        | 134          |
| MMC     | IDM MANUAL CNTL MODULE  | 2            |
| OAS     | OD AIR SENSOR           | 116          |
| ODF1    | OD FAN CONTACTOR 1      | 17,19,96     |
| ODM     | OD FAN MOTOR            | 19           |
| OHS     | OD AIR HUMIDITY SENSOR  | 131          |
| PHM     | PHASE MONITOR           | 49,85        |
| RAS     | RTN AIR SENSOR          | 134          |
| RASD    | RTN AIR SMOKE DETECT    | 115          |
| RHS     | RTN AIR HUMIDITY SENSOR | 131          |
| RTOM    | OPTIONS MODULE          | 100          |
| RTRM    | REFRIGERATION MODULE    | 81           |
| SASD    | SUPPLY AIR SMOKE DETECT | 120          |
| SOV1    | SWITCHOVER VALVE 1      | 95           |
| SOV2    | SWITCHOVER VALVE 2      | 93           |
| TB-575V | 575V TERM BLOCK         | 21           |
| TB-COM  | COMMON TERM BLOCK       | 80           |
| TDL1    | THERMO DISCHARGE LINE 1 | 87           |
| TDL2    | THERMO DISCHARGE LINE 2 | 99           |
| TNS1    | LOW-VOLT TRANSFORMER    | 55,79        |
| TNS6    | IDM & ODM TRANSFORMER   | 16           |
| TNS7    | IDM & ODM TRANSFORMER   | 20           |

NOTES:

- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURED.
- DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
- THREE-PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION AND COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.

- 4 RPM INDICATION 0-10V.
- 5 CCH2 LEADS ARE BLACK WITH BROWN TAPE WRAPPED AROUND THE END OF EACH LEAD.

**WARNING**  
HAZARDOUS VOLTAGE!  
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.  
FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

**AVERTISSEMENT**  
TENSION DANGEREUSE!  
COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS À DISTANCE. PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.  
NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAINER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

**ADVERTENCIA**  
¡VOLTAJE PELIGROSO!  
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.  
EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

**IMPORTANT**  
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

**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 HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

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DATE: 27-Mar-2009

THIRD ANGLE PROJECTION

4366-6779

POWER DIAGRAM

W3C120EW

SHEET 1 OF 2

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DRAWN BY: C DATE:

DO NOT SCALE PRINT THIRD ANGLE PROJECTION