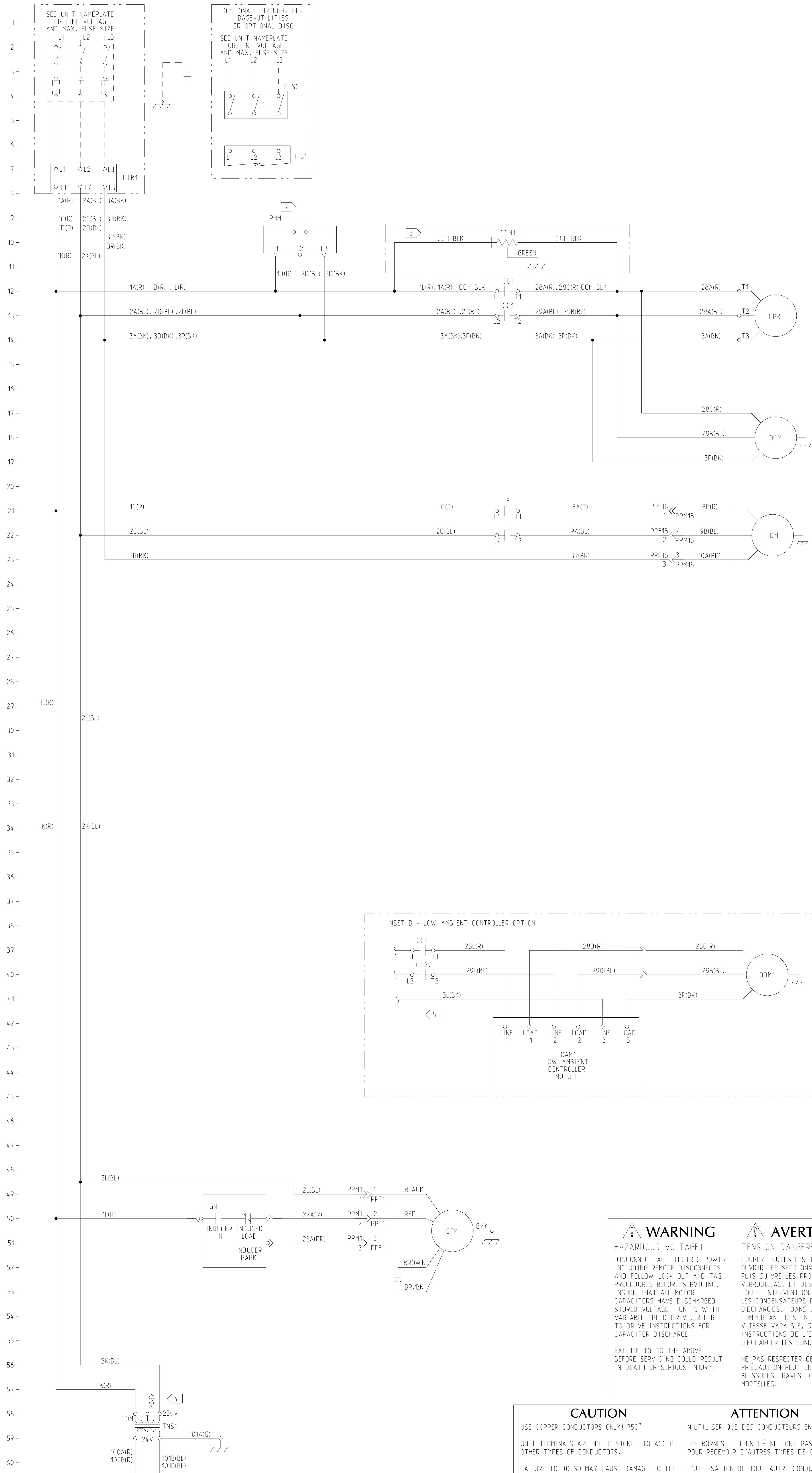
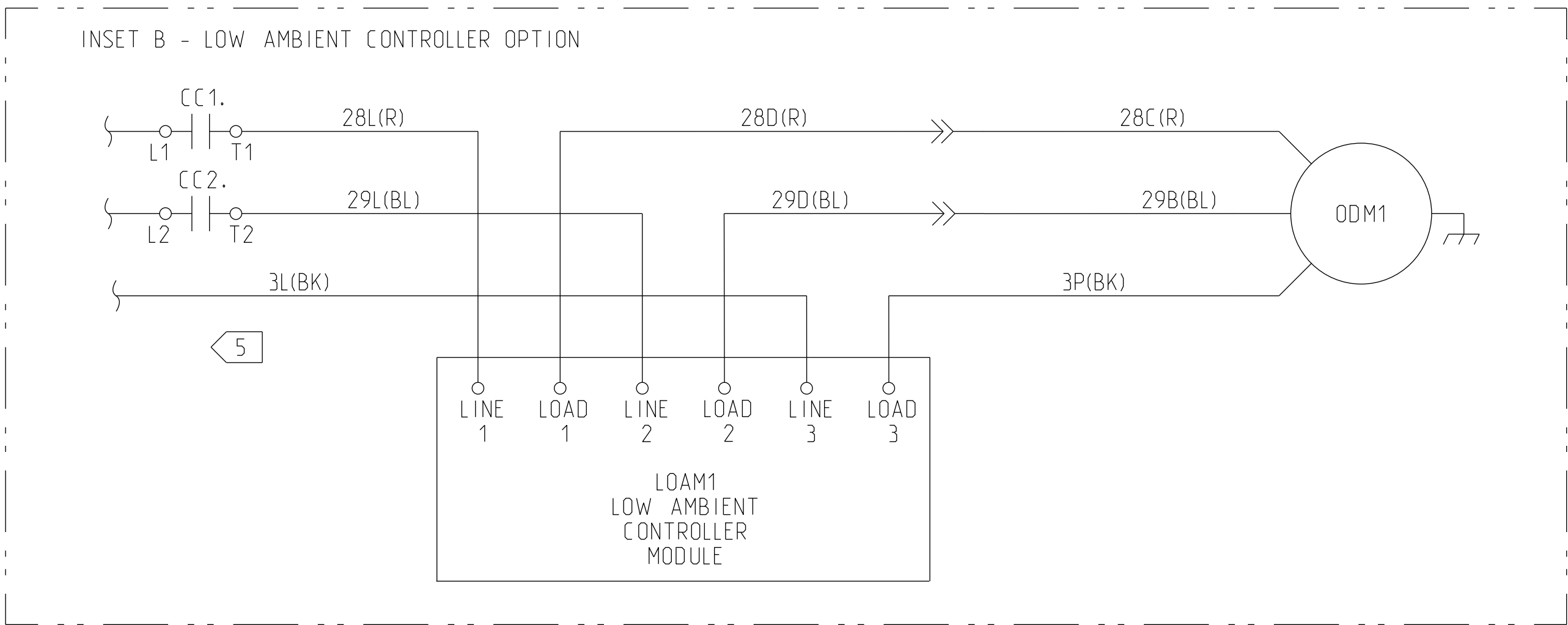




LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
CC1	CONTACTOR - COMPRESSOR, ODM	12,13,39
CC2	CONTACTOR - COMPRESSOR, ODM	40
CCH1	HEATER - CRANKCASE	10
CFM	MOTOR - COMBUSTION FAN	50
CPR	COMPRESSOR	12
F	CONTACTOR, INDOOR FAN	21,22
HTB1	TERMINAL BLOCK - CTRL BOX	6,7
IDM	MOTOR - INDOOR	21
IGN	MODULE - IGNITION CONTROL	51
LOAM1	LOW AMBIENT CONTROLLER	43
ODM	MOTOR - OUTDOOR	17
PHM	MODULE - PHASE MONITOR	51
TNS1	TRANSFORMER - 24V CONTROLS	18

1. 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 OCCURRED.
2. 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. SOLID LINE INDICATES WIRING BY TRANE CO.
3. CCH1 IS AN AVAILABLE OPTION ON ALL TONNAGES.
4. CONNECTIONS SHOWN ARE FOR 230V UNITS. FOR 208V OPERATION, MOVE WIRE 2X(B/L) FROM THE 230V TERMINAL TO THE 208V TERMINAL ON TNS1.
5. SEE THE CONTROLS SCHEMATIC FOR REMAINDER OF OPTIONAL LOW AMBIENT CONTROLLER WIRING.
7. CLIP RED WIRE ON PHASE MONITOR AS SHOWN ON THE DEVICE FOR 50HZ OPERATION.



WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	V.(PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
O	ORANGE	Y	YELLOW

 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 RÉFÉRER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS. NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER 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. ASEGURESE 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.
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CAUTION	ATTENTION	PRECAUCIÓN
USE COPPER CONDUCTORS ONLY! 75C°	N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!	UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.	LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.	LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.	L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.	SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

THIS DRAWING IS A PART OF THE PROJECT AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OTHER PARTIES WITHOUT THE CONSENT OF TRANE.		FILE NUMBER: 12132101		DRAWING NUMBER: 12132102		SHEET: 1 OF 1		REVISION: B	
TRANE 1500 EAST 15TH AVENUE IRVING, TEXAS 76039-3421 TEL: 972-261-8800 FAX: 972-261-8801 WWW.TRANE.COM		PROJECT NAME: SMALL FOUNDATION		PROJECT NUMBER: 12132101		PROJECT LOCATION: 12132102		PROJECT DATE: 12/13/2011	
DRAWN BY: M. CLARK		TRANE DATE: 2-JUN-2016		REVISION DATE: --		SIMILAR TO: --		P&ID SYSTEM USED: P&ID PROGRAM	
POWER SCHEMATIC - ELECTRO-MECHANICAL 208V/230V - 1 STAGE GAS HEAT - D674712P01 3.5 TON UNITS									