

TRANE

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DRAWN BY:  
M.FRITZ

TRANE© DATE:  
01/17/2019

REPLACES:  
4367-0371

REVISION DATE:  
07/12/2019

CAD SYSTEM USED:  
Pro/DIAGRAM

SIMILAR TO:  
--

FILE NUMBER:

DRAWING NUMBER:

43675763

SHEET:

1 OF 1

REV

B

ODYSSEY

DIAGRAM

SCHEMATIC/CONNECTION  
18.71/24.92KW ELECTRIC HEAT  
208-240V 3PH

MATERIAL:

MAC-TAC MR1 LABEL MATERIAL (WHITE IN COLOR)  
WITH L23 L50 ADHESIVE LINER.

ALTERNATE MATERIAL:

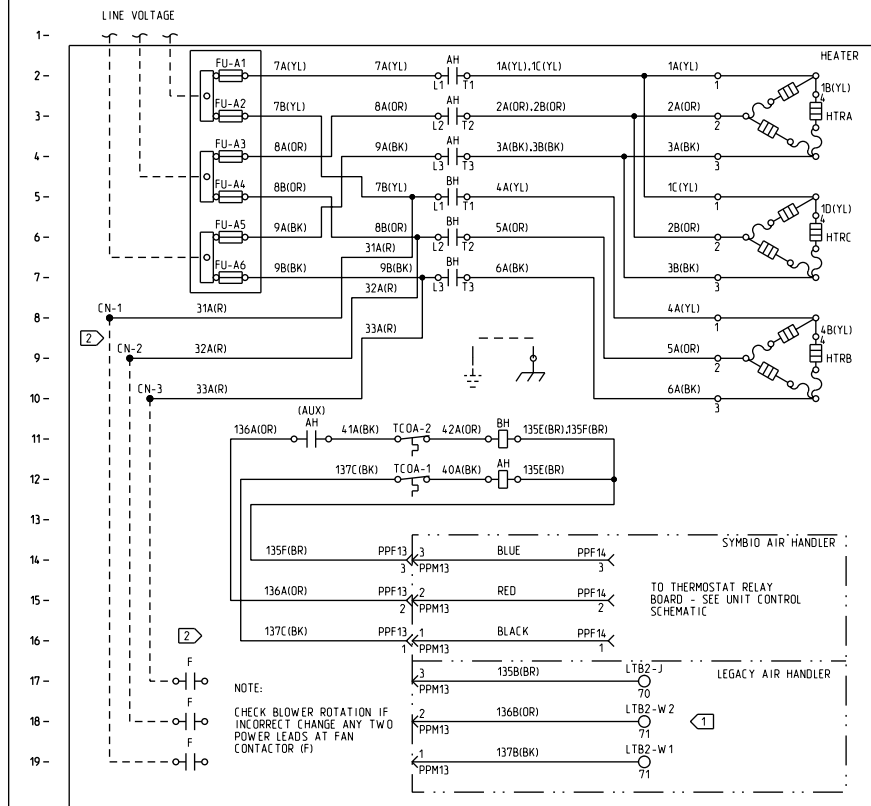
FLEXCON VINYL V400 HW TC-160 LABEL MATERIAL  
(WHITE IN COLOR) WITH V-23 90 PFW ADHESIVE LINER.

NOTES:

ALL PRINTING TO BE BLACK

SIZE:

8.25 X 10.00



LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
AH	CONTACTOR - HEATER	2,3,4,11,12
BH	CONTACTOR - HEATER	5,6,7,11
CN-1	CONNECTOR - WIRE NUT #1	8
CN-2	CONNECTOR - WIRE NUT #2	9
CN-3	CONNECTOR - WIRE NUT #3	10
F	CONTACTOR - INDOOR FAN	17,18,19
FB	FUSE BLOCK	3
FU-A1	FUSE	2
FU-A2	FUSE	3
FU-A3	FUSE	4
FU-A4	FUSE	5
FU-A5	FUSE	6
FU-A6	FUSE	7
HTRA	HEATER RACK	2
HTRB	HEATER RACK	5
HTRC	HEATER RACK	8
LTB2	TERMINAL BLOCK - LOW VOLTAGE	17,18,19
TCOA-1	SWITCH - TEMP LIMIT	11,12

BH - 5,6,7,11 <8>

AH - 2,3,4,11,12 <8>

ELECTRICAL RATING			
240 VOLTS		208 VOLTS	
KW	AMPS	KW	AMPS
24.92	60	18.7	52

FUSE REPLACEMENT	
A1	60A
A2	60A
A3	60A
A4	60A
A5	60A
A6	60A

WIRE COLORS	
ABBR	COLOR
BK	BLACK
BR	BROWN
R	RED
YL	YELLOW
OR	ORANGE

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.

PRECAUCIÓN

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

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

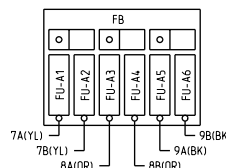
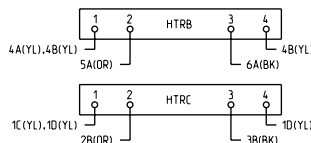
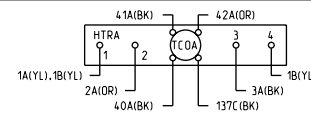
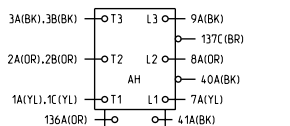
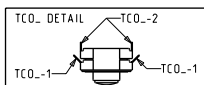
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

ATTENTION

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.



NOTES:

- FIELD CONNECT CONTROL LEADS AS SHOWN:  
137B(BK) - LTB2-W1 (FIRST STAGE HEAT)  
136B(OR) - LTB2-W2 (SECOND STAGE HEAT)  
135B(BR) - LTB2-J (HEATER/FAN INTERLOCK)
- WHEN USING SINGLE POINT POWER ENTRY THROUGH ELECTRIC HEAT CONTROL BOX, REMOVE CONNECTORS CN-1 AND CN-2 AND CN-3 FROM THE END OF WIRES 31A(R) AND 32A(R) AND 33A(R) THEN TERMINATE THEM INTO BOX LUGS LOCATED ON THE BOTTOM OF THE INDOOR FAN CONTACTOR IN THE AIR HANDLER CONTROL BOX. SEE THE ELECTRIC HEAT INSTALLER'S GUIDE FOR INSTALLATION INSTRUCTIONS.
- 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.
- 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.
- NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.

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