

DEVICE	DESCRIPTION	ZONE
1A22	UC800 UNIT CONTROLLER	66
1X1	TERMINAL BLOCK; CONTROL PANEL	42
2F1	CONTROL POWER PRIMARY FUSING	29
2F2	CONTROL POWER PRIMARY FUSING	29
2F4	CONTROL POWER SECONDARY FUSING	36
2F5	METAL OXIDE VARISTOR	30
2F6	COMPRESSOR MOTOR FUSING	3
2F7	COMPRESSOR MOTOR FUSING	5
2F8	COMPRESSOR MOTOR FUSING	6
2F9	COMPRESSOR MOTOR FUSING	8
2F10	COMPRESSOR MOTOR FUSING	9
2F11	COMPRESSOR MOTOR FUSING	11
2K11	OIL PUMP INTERLOCK RELAY	46
2K12	SAFETY STOP RELAY	43
2M1	STARTER PANEL VENTILATING FAN	39
2P1	DRIVE DISPLAY SCREEN	68
2Q1	LINE POTENTIAL MAIN CIRCUIT BREAKER	17
2T1	DRIVE MODULE	3,17,61
2T2	CONTROL POWER TRANSFORMER	35
2T3	CHOKE	3,17
2X1	TERMINAL BLOCK; STARTER PANEL	49
2X2	TERMINAL BLOCK; STARTER PANEL	68
2X3	DRIVE USB PORT	66
3S1	CONDENSER HIGH PRESSURE CUTOFF SWITCH	42,57
4M1	COMPRESSOR MOTOR	7,21

COLOR CODE	
BK	BLACK
BR	BROWN
BL	BLUE
GY	GRAY
R	RED
W	WHITE
G	GREEN
O	ORANGE
Y	YELLOW

FUSE REPLACEMENT TABLE		
DEVICE	FUSE TYPE	FUSE SIZE
2F1	CLASS CC	15A
2F2	CLASS CC	15A
2F4	CLASS J	40A
2F6	CLASS T	600A
2F7	CLASS T	600A
2F8	CLASS T	600A
2F9	CLASS T	600A
2F10	CLASS T	600A
2F11	CLASS T	600A

DEVICE PREFIX LOCATION CODES	
1	MAIN UNIT CONTROL PANEL DEVICE
2	STARTER PANEL DEVICE
3	PURGE DEVICE
4	UNIT MOUNTED DEVICE

—	TRANE WIRING
— — —	OPTIONS
— — — —	FIELD WIRING

GENERAL NOTES

1. UNLESS OTHERWISE NOTED ALL SWITCHES ARE SHOWN AT 25 C (77 F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL POWER REMOVED AND AFTER NORMAL SHUTDOWN HAS OCCURRED.
2. WIRE REPRESENTED BY DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. WIRE REPRESENTED BY SOLID LINES INDICATE FACTORY INSTALLED WIRING.
3. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE RECOMMENDED FIELD INSTALLED COMPONENTS BY OTHERS.
4. NUMBERS ALONG THE RIGHT AND LEFT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER.
5. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL CODES.
6. CLASS 1 FIELD WIRING INSULATION RATING IS REQUIRED TO BE EQUAL TO OR BE GREATER THAN THE EQUIPMENT SUPPLY VOLTAGE RATING. CLASS 2 FIELD WIRING INSULATION IS REQUIRED TO BE RATED AT 300V MINIMUM.
7. ALL STANDARD AND OPTIONAL COMPONENTS SHOWN.

FLAG NOTES

① DO NOT APPLY 115VAC TO THESE TERMINALS.
 ② D FRAME DRIVE APPLICATION ONLY.

NOTICE	AVIS	AVISO
USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO THE ABOVE COULD RESULT IN EQUIPMENT DAMAGE.	N'UTILISER QUE DES CONDUCTEURS EN CUIVRE! LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS. UN MANQUEMENT À LA PROCÉDURE CI-DESSUS PEUT ENTRAINER DES DOMMAGES À L'ÉQUIPEMENT.	UTILICE ÚNICAMENTE CONDUCTORES DE COBRE! LAS TERMINALES DE LA UNIDAD NO ESTAN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. NO REALIZAR LO ANTESDicho PUEDE PROVOCAR DAÑOS EN EL EQUIPO.

WARNING	AVERTISSEMENT	ADVERTENCIA
HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE TAP CONNECTS AND FOLLOW LOCK OUT PROCEDURES BEFORE SERVICING. INSURE THAT THE MOTOR CAN NOT RECHARGE DISCHARGED STORED VOLTAGE UNITS WITH VARIABLE FREQUENCY DRIVE. REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE COULD RESULT IN DEATH OR SERIOUS INJURY.	COUPER TOUTES LES TENSIONS ET OUVRIRE LES SECTIONNEURS À DISTANCE, PUIS SUIVRE LES PROCÉDURES DE DÉMARRAGE ET D'ARRÊT AVANT D'INTERVENIR SUR LE SERVICE. ASSURER QUE LE MOTEUR NE PEUT PAS RECHARGER LES CAPACITÉS EN ÉNERGIE STOCKÉES DANS LES MOTEURS. LES UNITÉS DE TENSION VARIABLE DOIVENT ÊTRE DÉCHARGÉES. CONSULTER LES INSTRUCTIONS D'ENTRETIEN POUR LES INSTRUCTIONS DE DÉCHARGE DES CONDENSATEURS. UN MANQUEMENT À LA PROCÉDURE CI-DESSUS PEUT ENTRAINER DES BLESSURES GRAVES, VOIRE LA MORT.	DESCONECTE TODA LA ENERGIA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE DESMONTAJE Y REESTRUCTURACIÓN ANTES DE PRESTAR SERVICIO. ASEGURAR DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO. LAS UNIDADES DE ALTA FRECUENCIA DEBEN DESCARGAR LOS PARÁMETROS DE ALTA FRECUENCIA ALMACENADOS. PARA DESCARGAR LOS CAPACITORES, CONSULTAR LAS INSTRUCCIONES DE DESCARGA. LA DESCARGA DE LOS CAPACITORES PUEDE PROVOCAR UN MANQUEMENT À LA PROCÉDURE CI-DESSUS PEUT ENTRAINER DES BLESURAS GRAVES, VOIRE LA MUERTE O LESIONES GRAVES.

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MASTER FILE:	
REVISION DATE: 21-AUG-2019	
REPLACES:	
SIMILAR TO:	
USED BY:	
CAD: AUTOCAD	
SCHEMATIC CENTRAVAC UC800 WIRING DIAGRAM WITH ADAPTIVE FREQUENCY DRIVE DIRECT/TRANSITIONAL/LIQUIFLO/REMOTE MOUNT	
50712127	

