

CUSTOMER CONNECTIONS

75 HP AND BELOW : USE MINIMUM 60°C COPPER WIRE
 ABOVE 75 HP : USE MINIMUM 75°C COPPER WIRE

480V.
60 HZ.
LINE

FUSED DISCONNECT
OR CIRCUIT BREAKER
(CUSTOMER SUPPLIED)

L1
L2
L3

CUSTOMER LOAD

T1 CHILLER
T2 VFD LOAD
T3

FACTORY POWER CONNECTIONS

60A FUSED DISCONNECT
50A FUSES INSTALLED

Black

Red

Blue

LR

AT

BT

CT

A1

B1

C1

A2

B2

C2

FUSE

Fu1a

Fu2a

Fu3a

CNT

TR

Location of
Distribution block
(When Used)

CAPACITOR
BLEEDER RESISTORS

CAP(s)

TS1 TS2
Line Inductor
overtemp switch.
(Option)

TS1 TS2
Tuned Inductor
overtemp switch.
(Option)

CONTROL CONNECTIONS

XFMR LEADS GO TO
TAP ON LINE REACTOR
(AT)&(BT)

Location of Secondary
(Fu6), when supplied

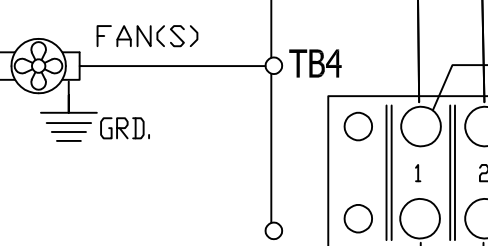
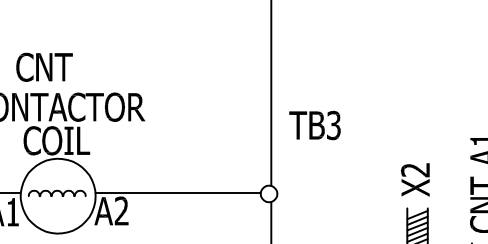
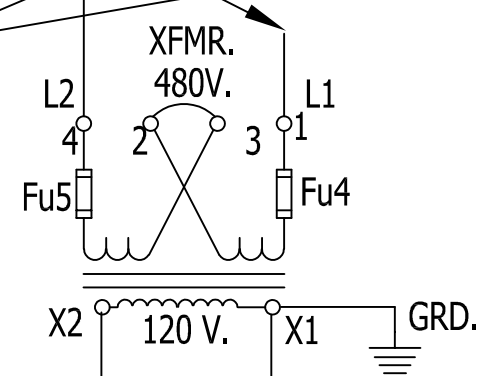
PQ Board (NO)
PQ Board (COM)

TB1
TB2

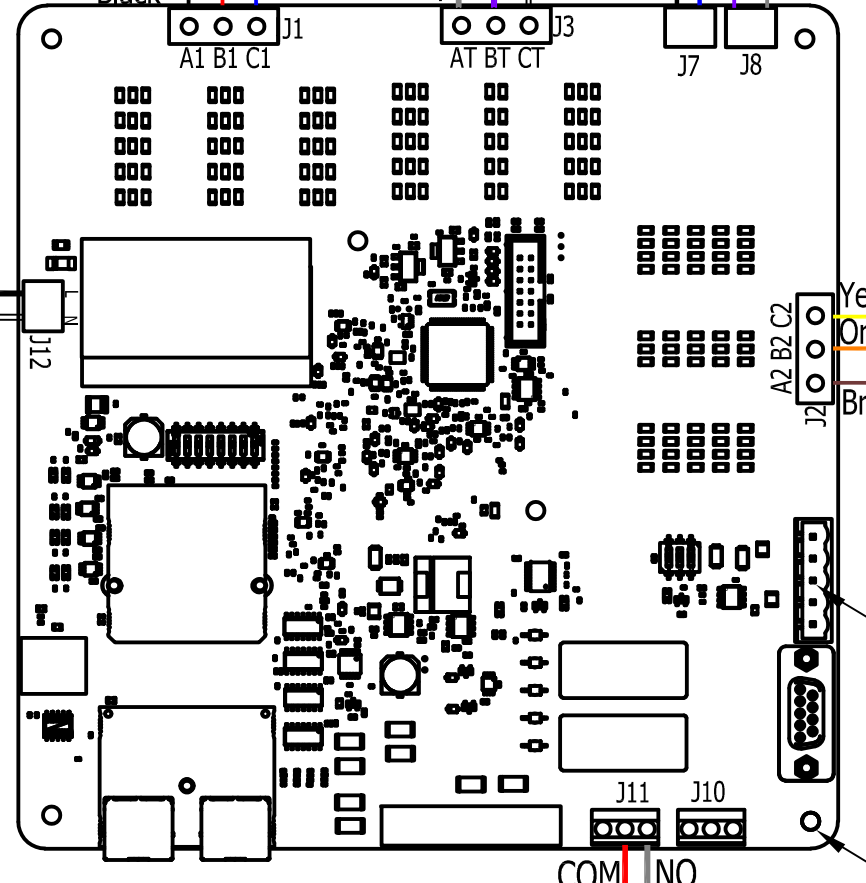
TB5

PQ Board
(Power Supply)

Transformer Connection With Fan



TERMINAL BLOCK ON PANEL



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THE MATERIAL HEREIN
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AS DESIGNED	11/14/19	JRN	± N/A
REVISION	DATE	BY	± N/A

TOLERANCES (EXCEPT AS NOTED)		TCI® W132 N10611 Grant Drive Germentown, WI 53022	
DECIMAL		HARMONICGUARD LOW CAPACITANCE	
.XX ± N/A		480V SCHEMATIC	
.XXX ± N/A		FAN, FUSED DISCONNECT, CONTACTOR CONTROL VERSION	
FRACTIONAL ± N/A		DRN. BY	DATE
ANGULAR		JRN	11/14/19
± N/A		SCALE	SIZE
		NONE	C 31462-50-1
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