

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
A1 A2
AT B2
BT C2
CT

FUSE

CNT

TR

Location of
Distribution block
(When Used)

CAPACITOR
BLEEDER RESISTORS

CAP(s)

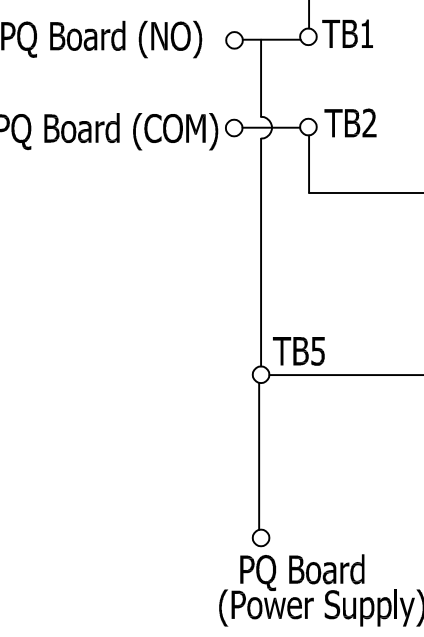
TS1 TS2
Line Inductor
overtemp switch.
(Option)

TS1 TS2
Tuned Inductor
overtemp switch.
(Option)

CONTROL CONNECTIONS

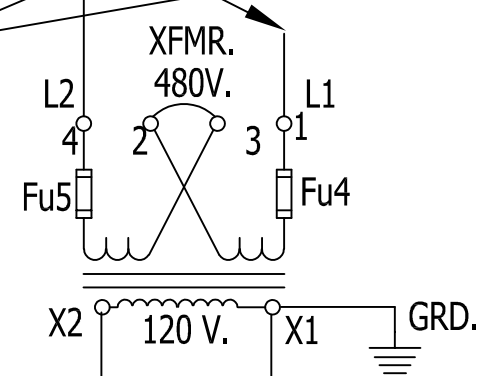
XFMR LEADS GO TO
TAP ON LINE REACTOR
(AT)&(BT)

Location of Secondary
(Fu6), when supplied

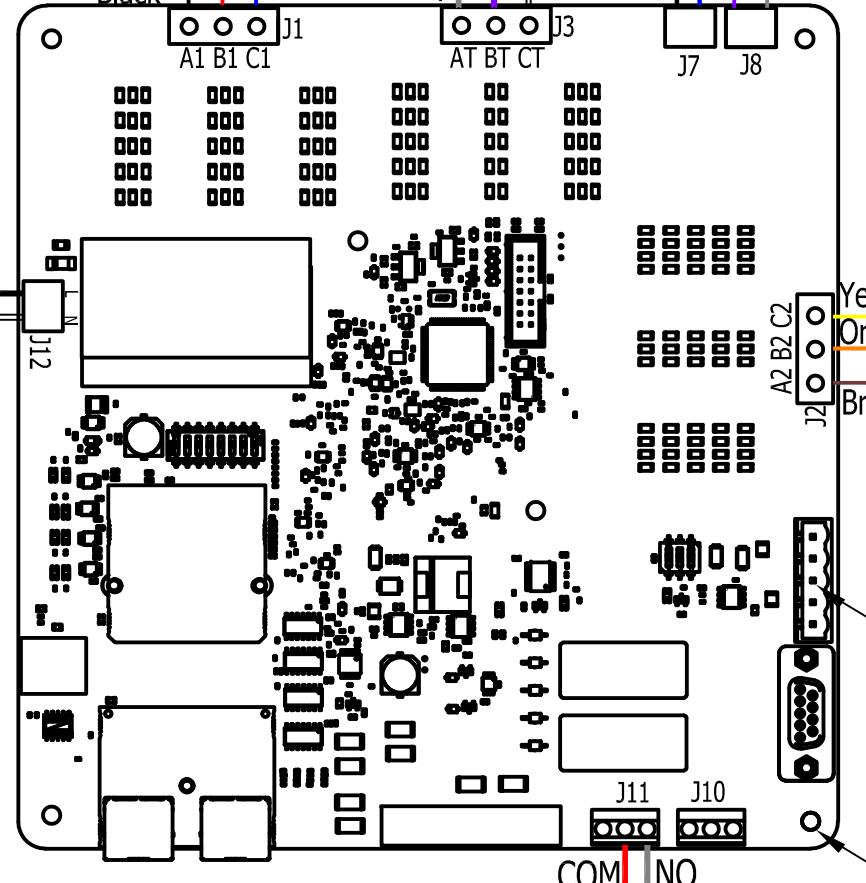


TERMINAL BLOCK ON PANEL

Transformer Connection With Fan



PQ Board
(Power Supply)



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THE MATERIAL HEREIN
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TO MANUFACTURE
ANYTHING SHOWN
THEREIN WITHOUT
WRITTEN PERMISSION
FROM TCI.

AS DESIGNED	08/26/20	JRN	TOLERANCES (EXCEPT AS NOTED) DECIMAL
REVISION	DATE	BY	.XX ± N/A .XXX ± N/A FRACTIONAL ± N/A ANGULAR ± N/A

TCI® W132 N10611 Grant Drive
Germentown, WI 53022

HARMONICGUARD PASSIVE
480V SCHEMATIC

FAN, FUSED DISCONNECT, CONTACTOR CONTROL VERSION

DRN. BY JRN DATE 08/26/20 DWG. NO. C 31462-50
SCALE NONE SIZE

SHT. 1 of 1