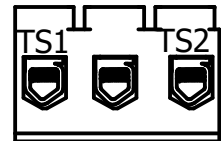


HGP Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0250AW0S000#	28697-1S	350
HGP0250AW0C000#	28697-1	395
HGP0250AW0C*00#	29597-PQ	397

***=Communication Option**
#=Mechanical Option

Thermal Switch, Terminal Block (Optional) Located on Inductors



Wire Range: 18 AWG To 4 AWG.
Torque: 20 LB-IN (2.3 Nm)

Switch Opens on Temperature Rise
Contact Rating: 6A @ 120 VAC, Resistive
Contact Rating: 5A @ 120 VAC, Inductive

HGP Part Number	HorsePower (HP)	kVar	Harmonic	Voltage (V)	Maximum Amps (A)	Hz.	Phase
HGP0250AW----	250	75	5th	480	302	60	3

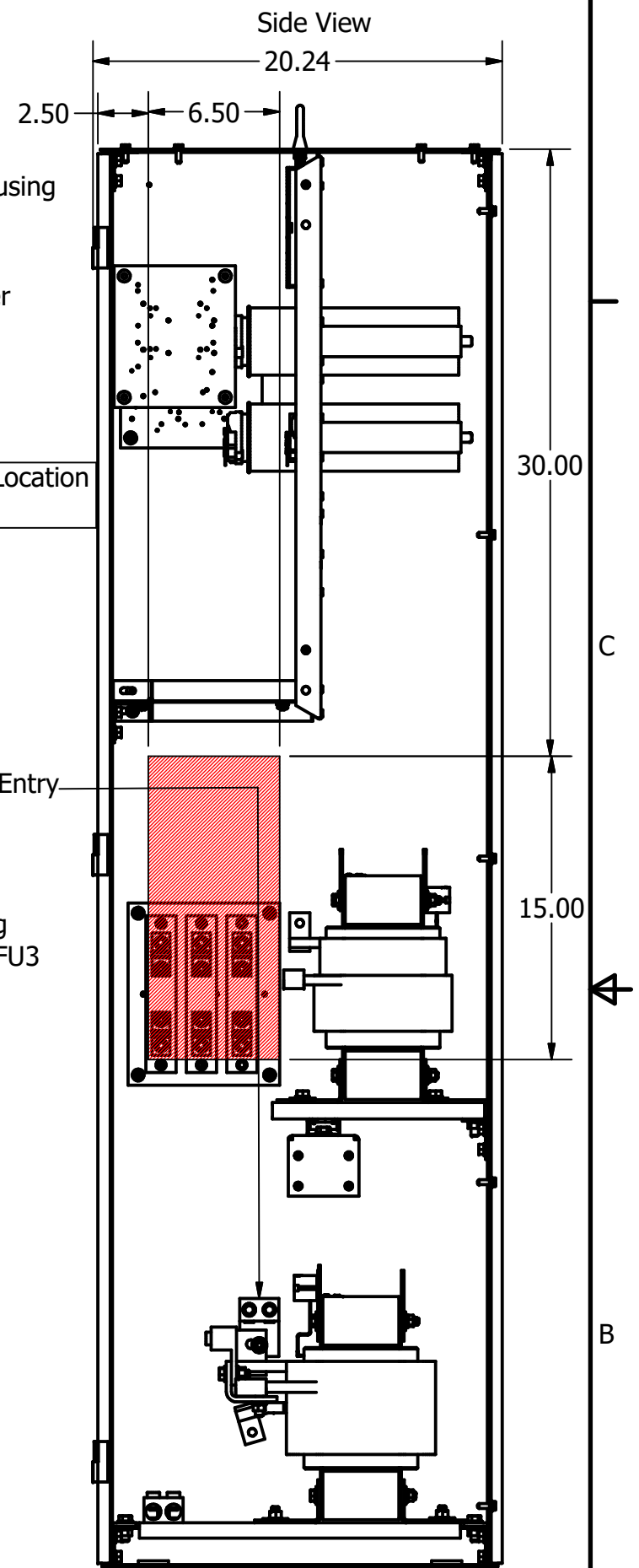
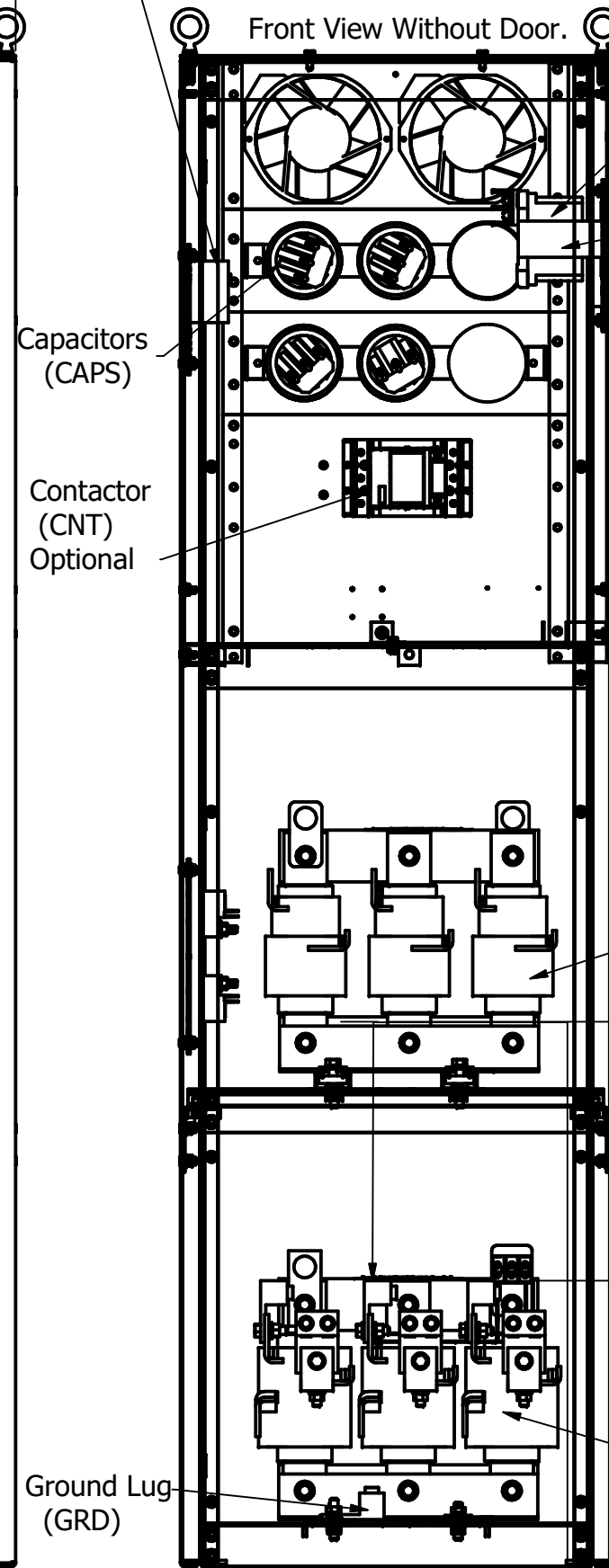
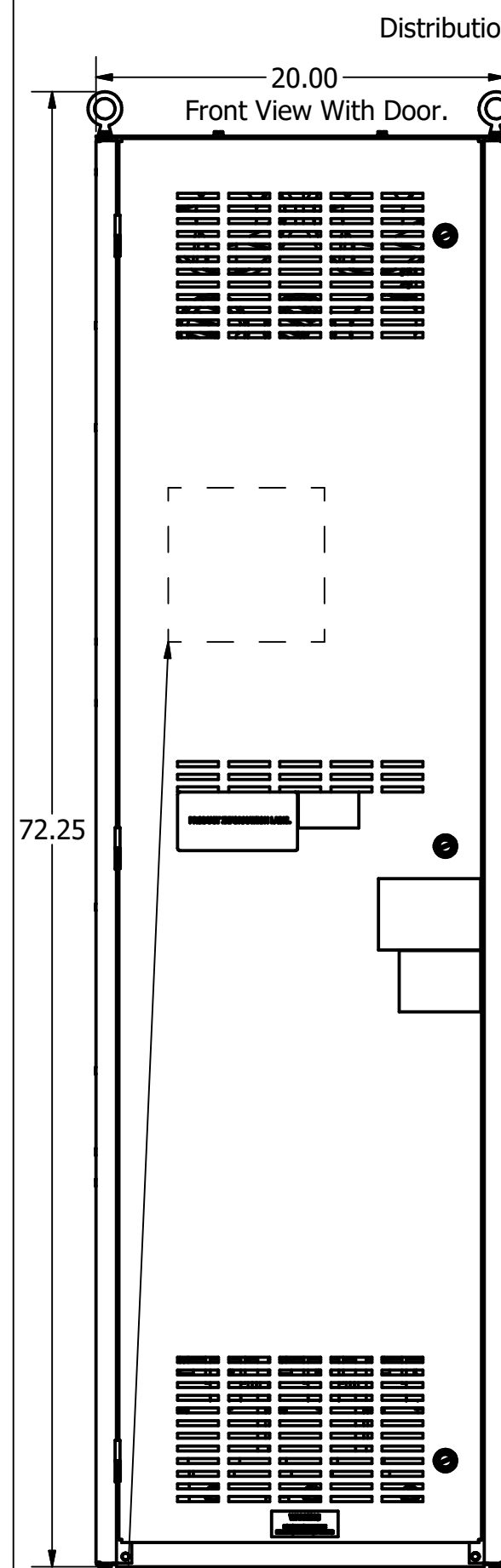
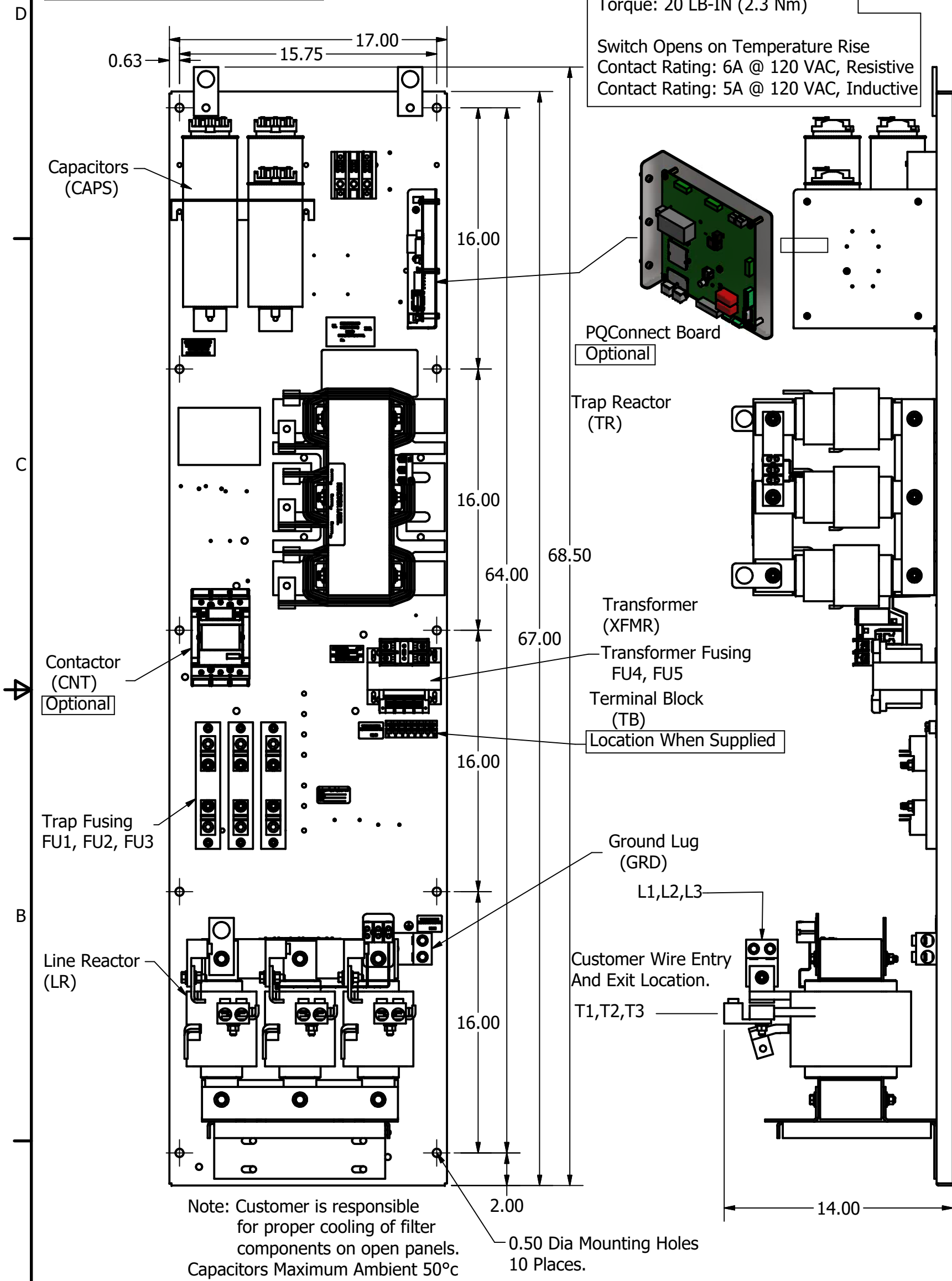
Note: For Torque Information See IOM Manual.

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: Two, 350MCM to 2AWG.

Ground Lug
Wire Range: Two, 350MCM to 2AWG.

HGP Eclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0250AW1S000#	28697-5S	535
HGP0250AW1C000#	28697-5	545
HGP0250AW1C*00#	29597-PQ	546

***=Communication Option**
#=Mechanical Option



250HP = 302 Amps
Bend Radius
2 x 350kcmil, Is 12 Inches.
2 x 3/ØAWG, Is 7 Inches.

Components	HGP0250AW----		
	0S000#/1S000#	0C000#/1C000#	0C*00#/1C*00#
Line Reactor (LR)	X	X	X
Trap Reactor (TR)	X	X	X
Capacitor (Cap)	X	X	X
Trap Fusing, FU1, FU2, FU3	X	X	X
Contactor (CNT)		X	X
Transformer (XFMR)	X (Type 1)	X	X
XFMR Fusing, FU4, FU5	X (Type 1)	X	X
PQConnect Board			X

***=Communication Option**
1= PQconnect w/Modbus RTU over RS485
2= PQconnect w/Ethernet IP

#=Mechanical Option
0= No Option
H= Heater (Only in Type 3R)
V= Vibration Pads
T=Thermal Switches

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES.

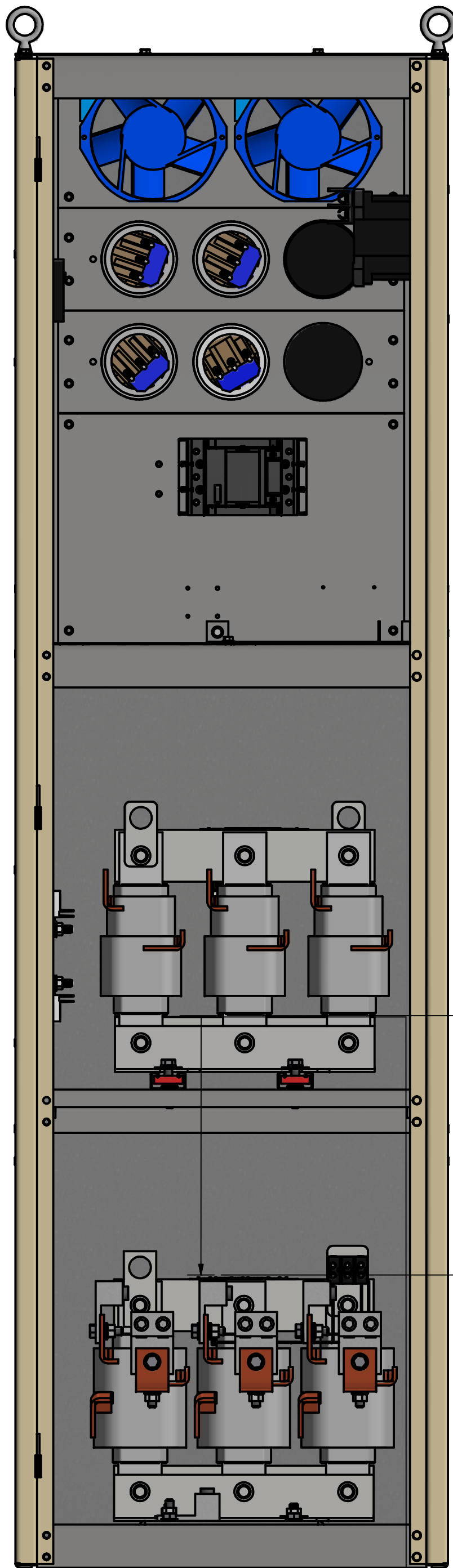
NO	REVISION	DATE	BY
J	6571 - PQ/Mech Options Added	02/14/24	JRN
I	5636 GE TO ABB CNT	12/1/2021	DSW
H	5471, Drawing Updates, Wire Entry Details	1/11/2021	DSW

TOLERANCES (EXCEPT AS NOTED)	
DECIMAL	.XX ± .25 .XXX ± .10
FRACTIONAL	± 1/32
ANGULAR	± 1°

W132N10611 Grant Drive
Germantown, WI 53022
©2021 TCI, LLC
An Allied Motion Company
HGP0250AW----, HarmonicGuard Passive
HGP, 250HP, 480/3/60, Open and Type 1
DATE: 4/2/2014
SCALE: 1/8
SHT 1 OF 2

Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

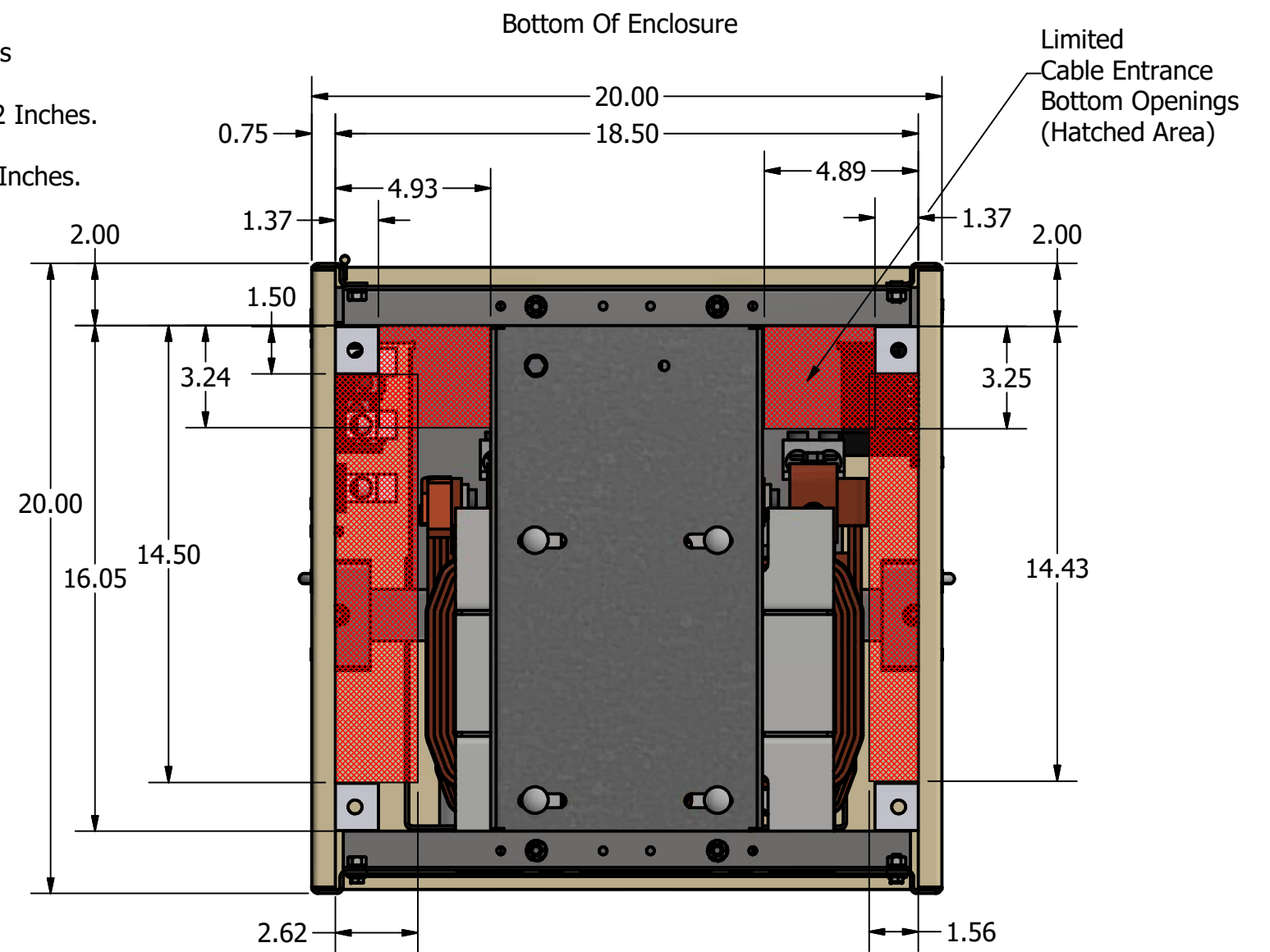
Material(s) Shall be RoHS Compliant



250HP = 302 Amps
 Bend Radius
 2 x 350kcmil, Is 12 Inches.
 2 x 3/ØAWG, Is 7 Inches.

12.00

Limited Cable Entrance Bottom Openings (Hatched Area)



Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

Material(s) Shall be RoHS Compliant

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES.

NO	REVISION	DATE	BY

TOLERANCES (EXCEPT AS NOTED)
 DECIMAL
 .XX ± .25
 .XXX ± .10
 FRACTIONAL
 ± 1/32
 ANGULAR
 ± 1°

TCL
 An Allied Motion Company
 W132N10611 Grant Drive
 Germantown, WI 53022
 ©2021 TCL, LLC
 HGP, 250HP, 480/3/60, Type 1
 Bottom Entry Detail
 DRN BY: DSW DATE: 12/14/2020 105491DG
 SCALE: 1/5 APRVD: SIZE: C SHT 2 OF 2