

HGP Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0200AW0S000#	28697-S	345
HGP0200AW0C000#	28697	350
HGP0200AW0C*00#	29597-PQ	352

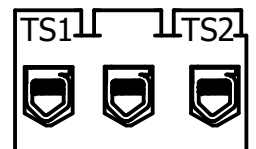
HGP Part Number	HorsePower (HP)	kVar	Harmonic	Voltage (V)	Maximum Amps (A)	Hz.	Phase
HGP0200AW----	200	60	5th	480	240	60	3

HGP Eclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0200AW1S000#	29597-1S	496
HGP0200AW1C000#	28697-4	500
HGP0200AW1C*00#	29597-PQ	501

\* = Communication Option  
# = Mechanical Option

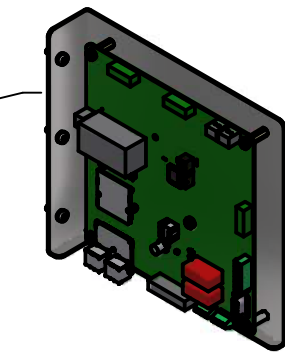
\* = Communication Option  
# = Mechanical Option

Thermal Switch, Terminal Block (Optional) Located on Inductors



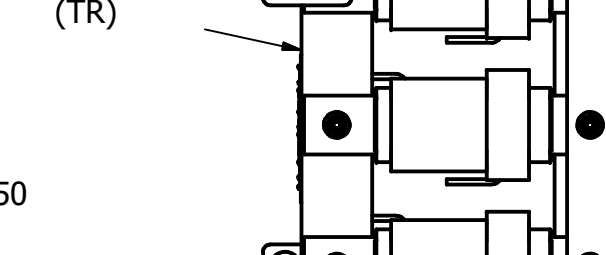
Wire Range: 18 AWG To 4 AWG.  
Torque: 20 LB-IN (2.3 Nm)

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

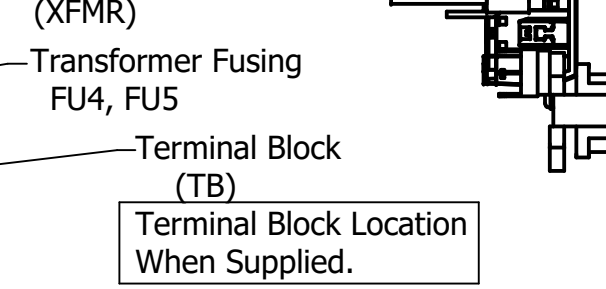


PQConnect Board  
Optional

Trap Reactor (TR)



Transformer (XFMR)



Transformer Fusing FU4, FU5

Terminal Block (TB)

Terminal Block Location When Supplied.

Ground Lug (GRD)

L1,L2,L3

Customer Wire Entry And Exit Location.

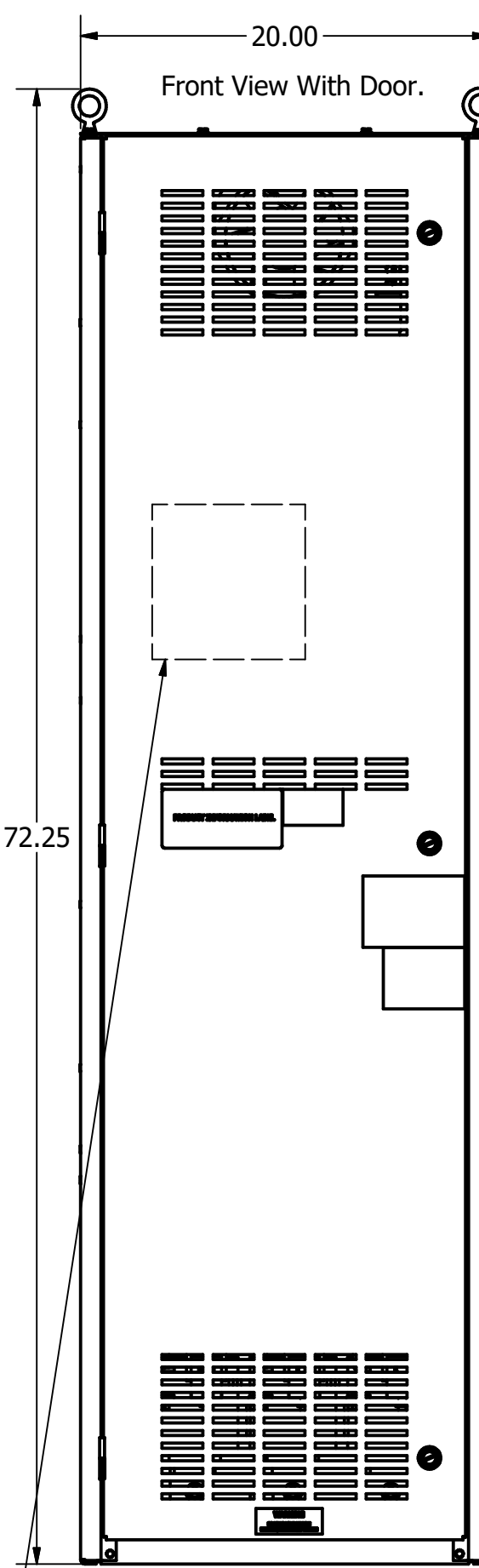
T1,T2,T3

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

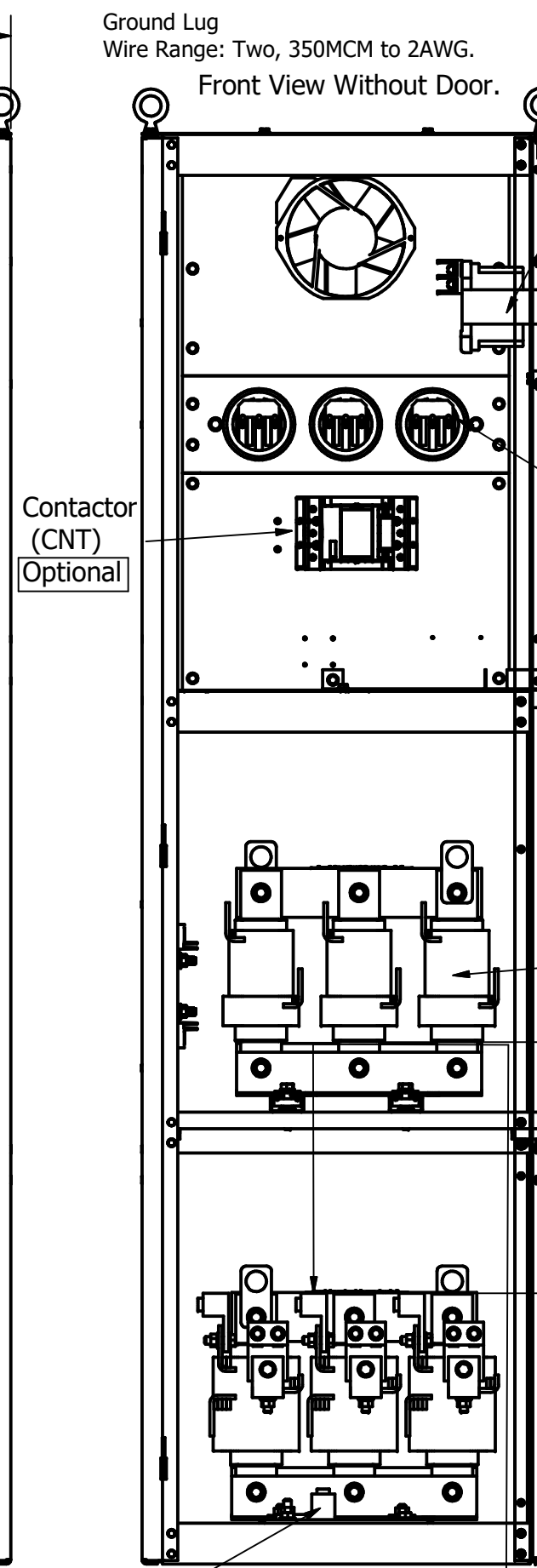
Note: For Torque Information See IOM Manual.

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

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



Front View With Door.



Front View Without Door.

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

Side View

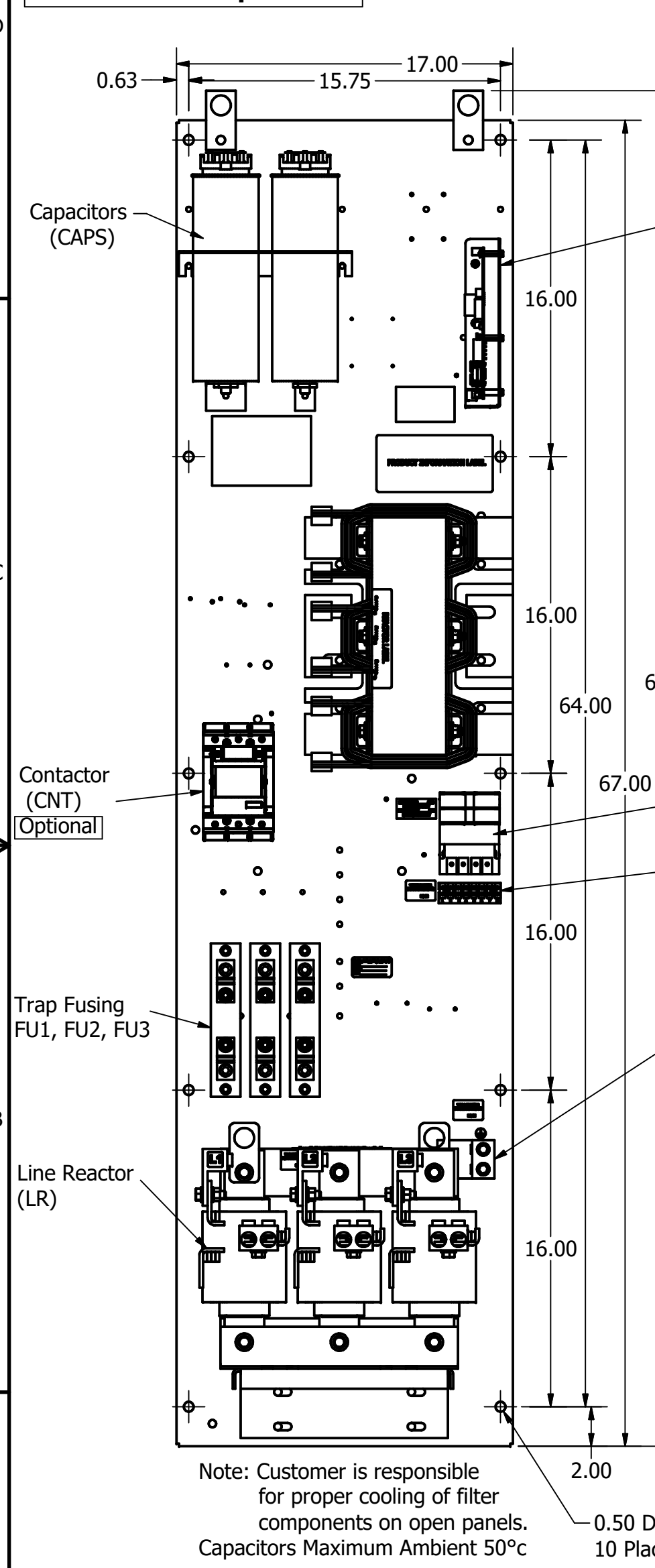
Side View

Side View

Side View

Side View

Side View



Note: Customer is responsible for proper cooling of filter components on open panels. Capacitors Maximum Ambient 50°C

0.50 Dia Mounting Holes 10 Places.

2.00

16.00

16.00

16.00

16.00

16.00

16.00

16.00

16.00

16.00

16.00

HGPO200AW----			
Components	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 Options

1 PQconnect W/Modbus RTU over RS485

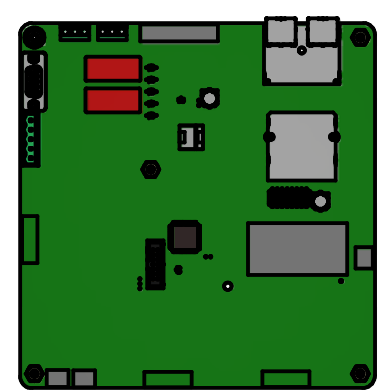
2 PQconnect W/EtherNET/IP

# = Mechanical Options

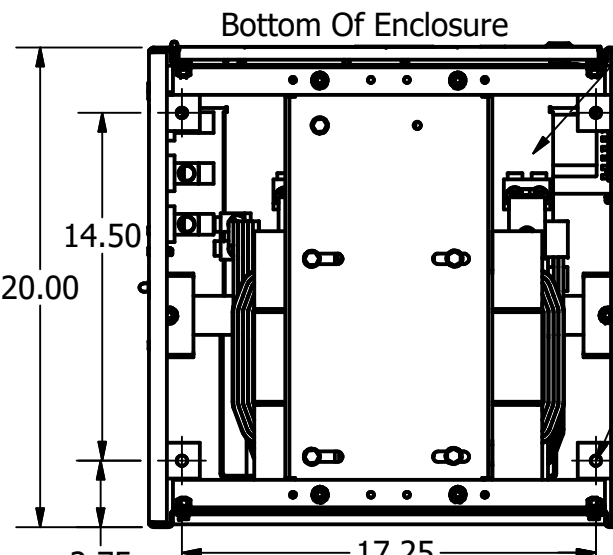
0 No Change

T Thermal Switch

V Vibration Pads



PQConnect Board Mounted on Front Door Of Enclosure. Optional



Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

Bottom Of Enclosure

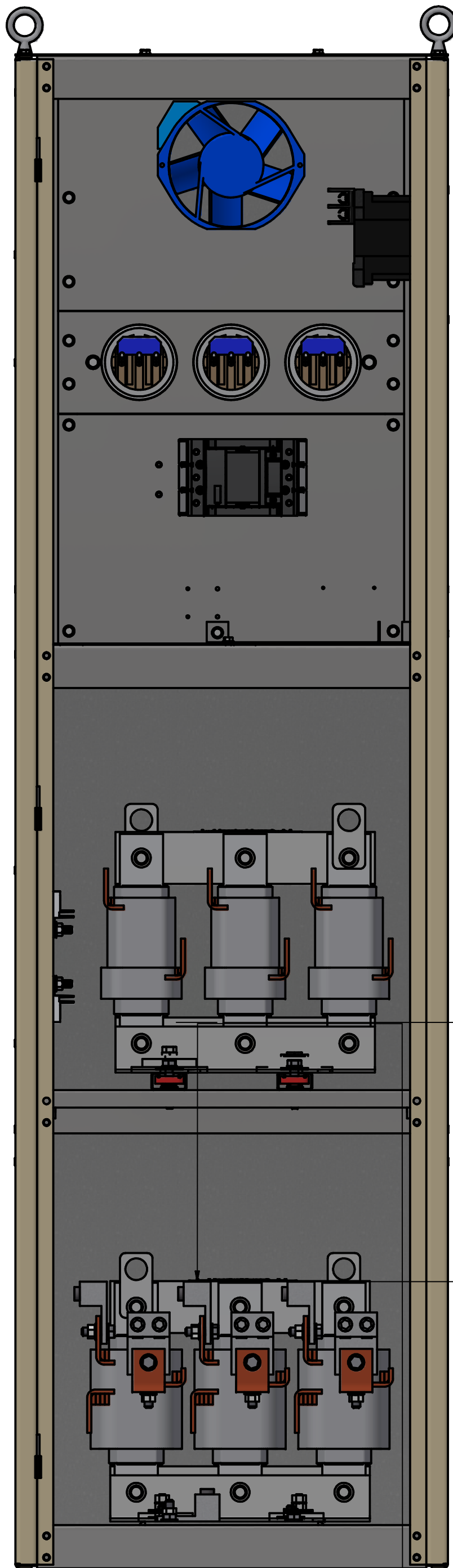
200HP = 240 Amps  
Bend Radius  
2 x 350kcmil, Is 12 Inches.  
1 x 350kcmil, Is 12 Inches.  
2 x 1/ØAWG, Is 5 Inches.

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

Material(s) Shall be RoHS Compliant

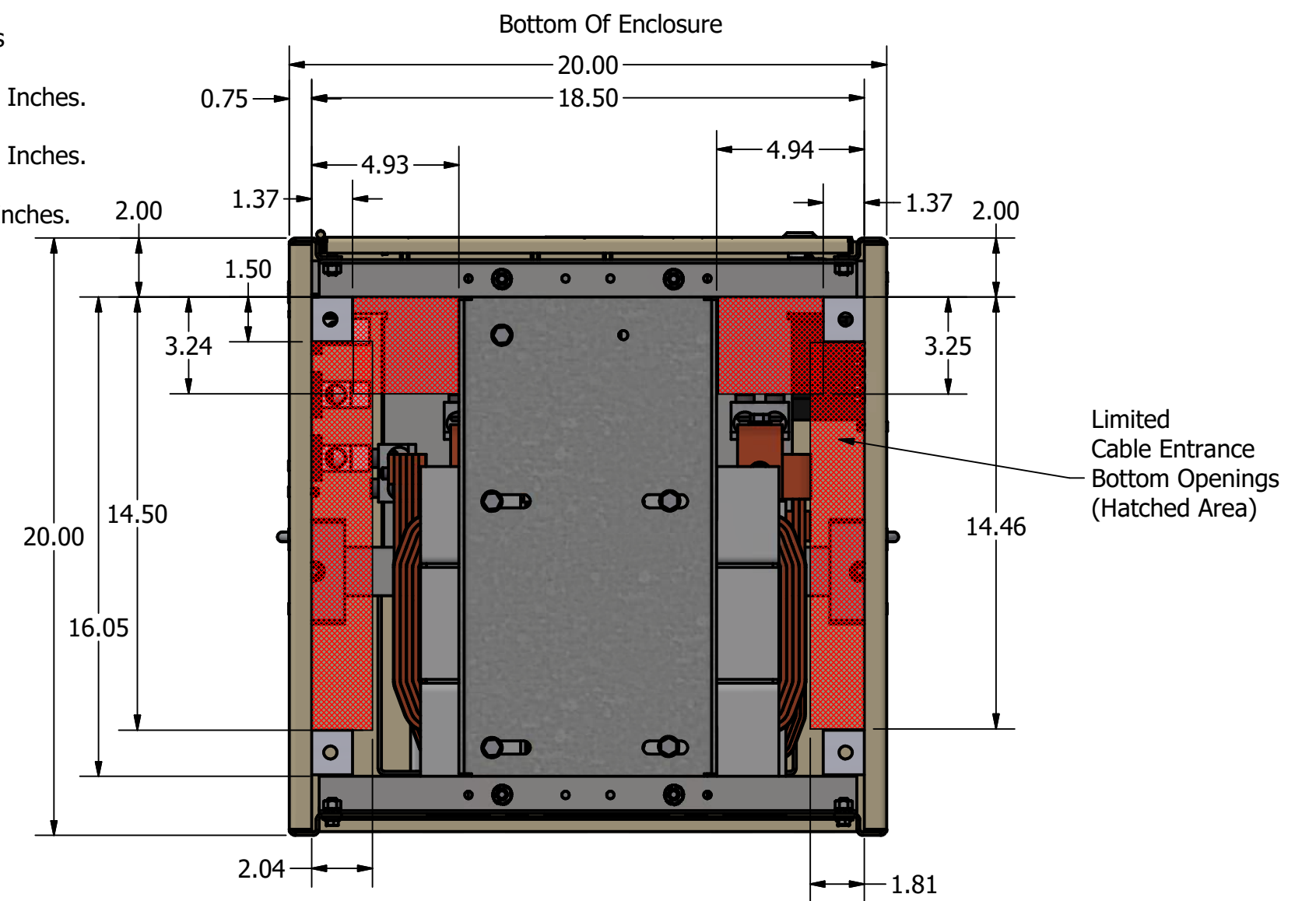
THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ALLIED MOTION TECHNOLOGIES INC. AND ITS SUBSIDIARIES.				TOLERANCES (EXCEPT AS NOTED)		W132N10611 Grant Drive Germantown, WI 53022 © 2023 TCL, LLC	
NO	REVISION	DATE	BY	ANGULAR	SCALE	DATE	SIZE
J	6868, PQ/Mech Options Added	11/07/24	JRN	.XX ± .25 .XXX ± .10	1/6	4/2/2014	C
I	6039 Type 1 Standard Schematic Update	9/8/22	JTL	FRACTIONAL ± 1/16	1/6	4/2/2014	C
H	5636, GE to ABB CNT CHG.	1/13/2022	DSW	ANGULAR ± 1°	1/6	4/2/2014	C
G	5471, Drawing Updates, Wire Entry Details	1/12/2021	DSW		1/6	4/2/2014	C

DRN	DATE	SIZE
DSW	4/2/2014	C




Limited Cable Entrance Bottom Openings (Hatched Area)

200HP = 240 Amps  
 Bend Radius  
 2 x 350kcmil, Is 12 Inches.  
 1 x 350kcmil, Is 12 Inches.  
 2 x 1/ØAWG, Is 5 Inches.



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.				TOLERANCES (EXCEPT AS NOTED)		 W132N10611 Grant Drive Germantown, WI 53022 © 2023 TCI, LLC	
				DECIMAL			HGP, 200HP, 480/3/60, Type 1 Bottom Entry Detail
				.XX ± .25 .XXX ± .10			
				FRACTIONAL			DRN BY: DSW DATE: 12/14/2020 SCALE: 1/5
See Sheet 1 For Revisions		ANGLULAR ± 1° NO. REVISION DATE BY	105490DG SIZE C SHT 2 OF 2				