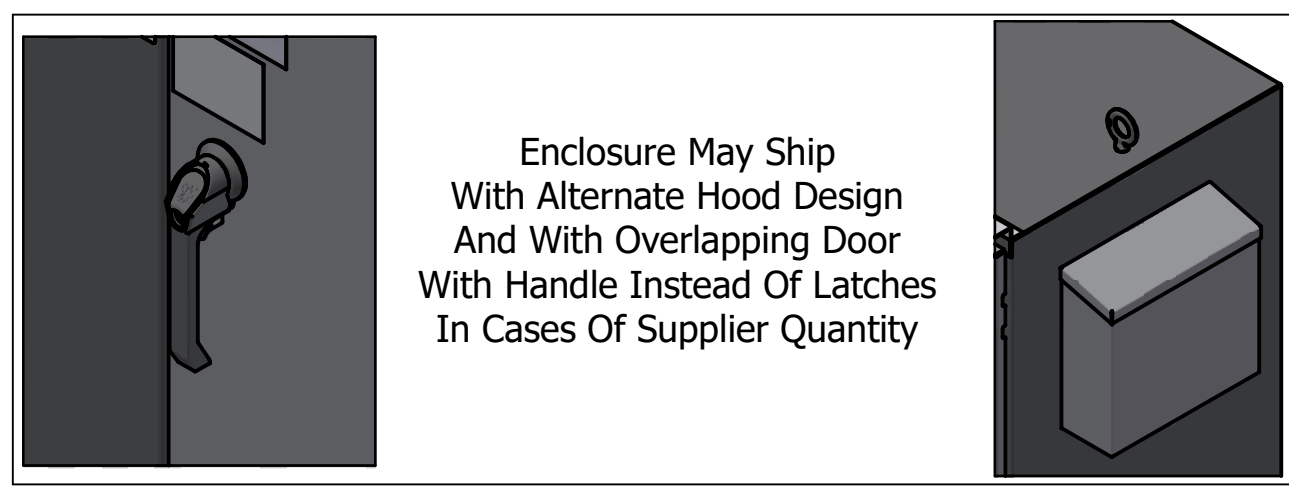
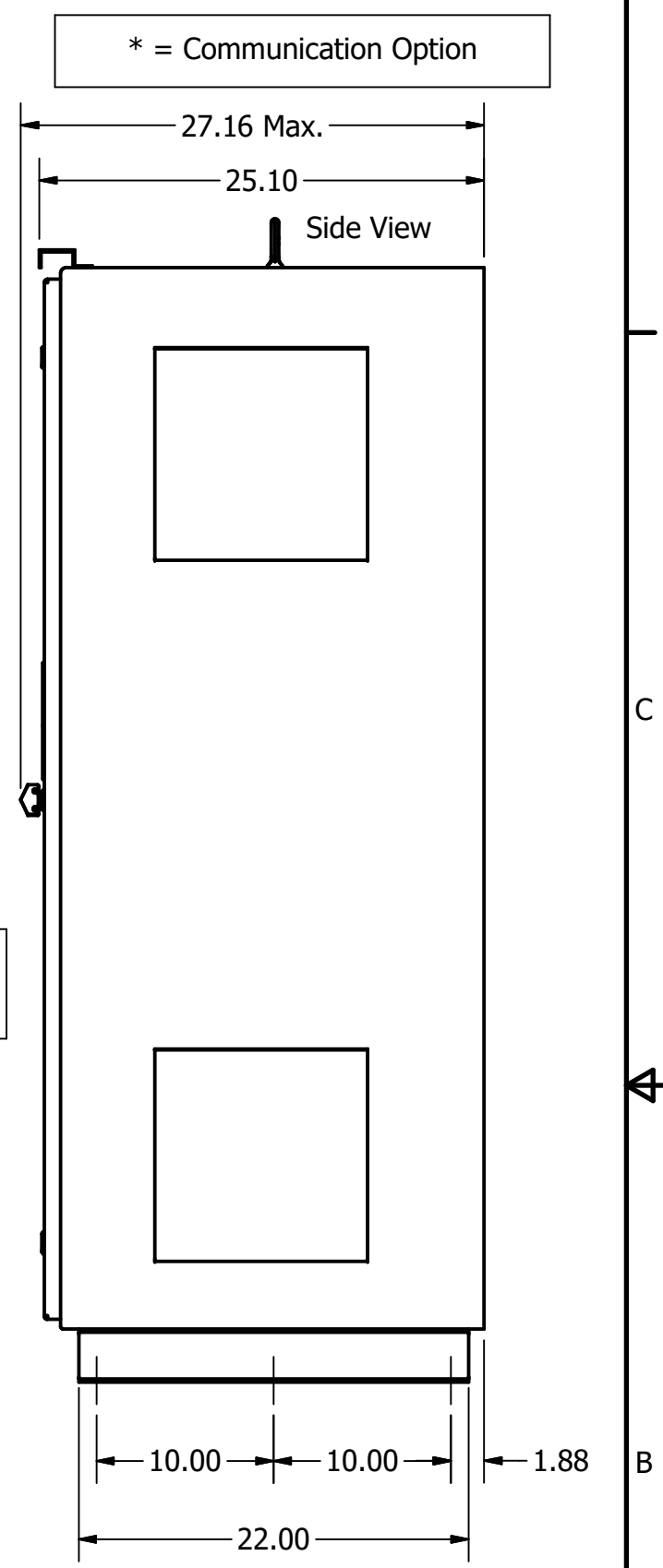
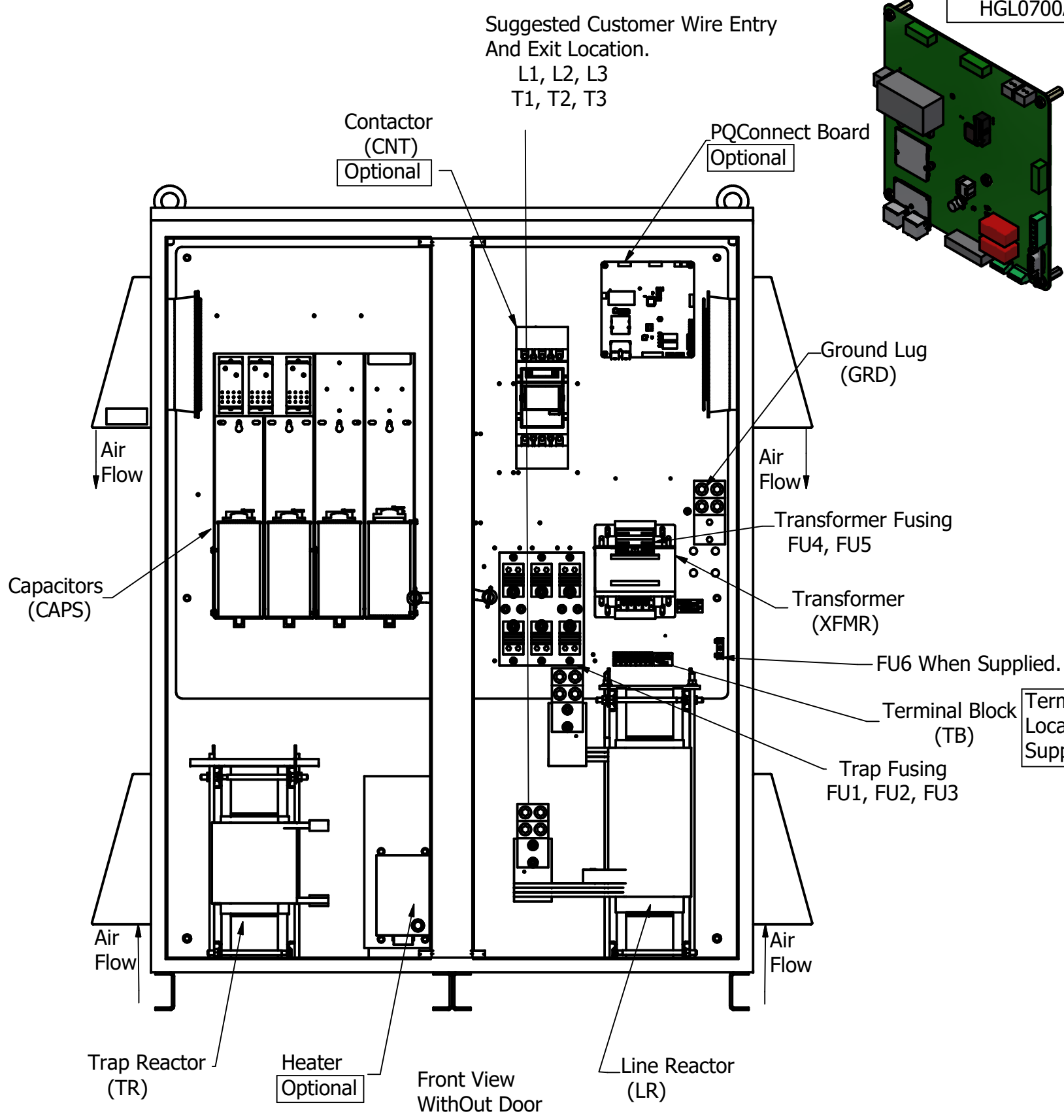
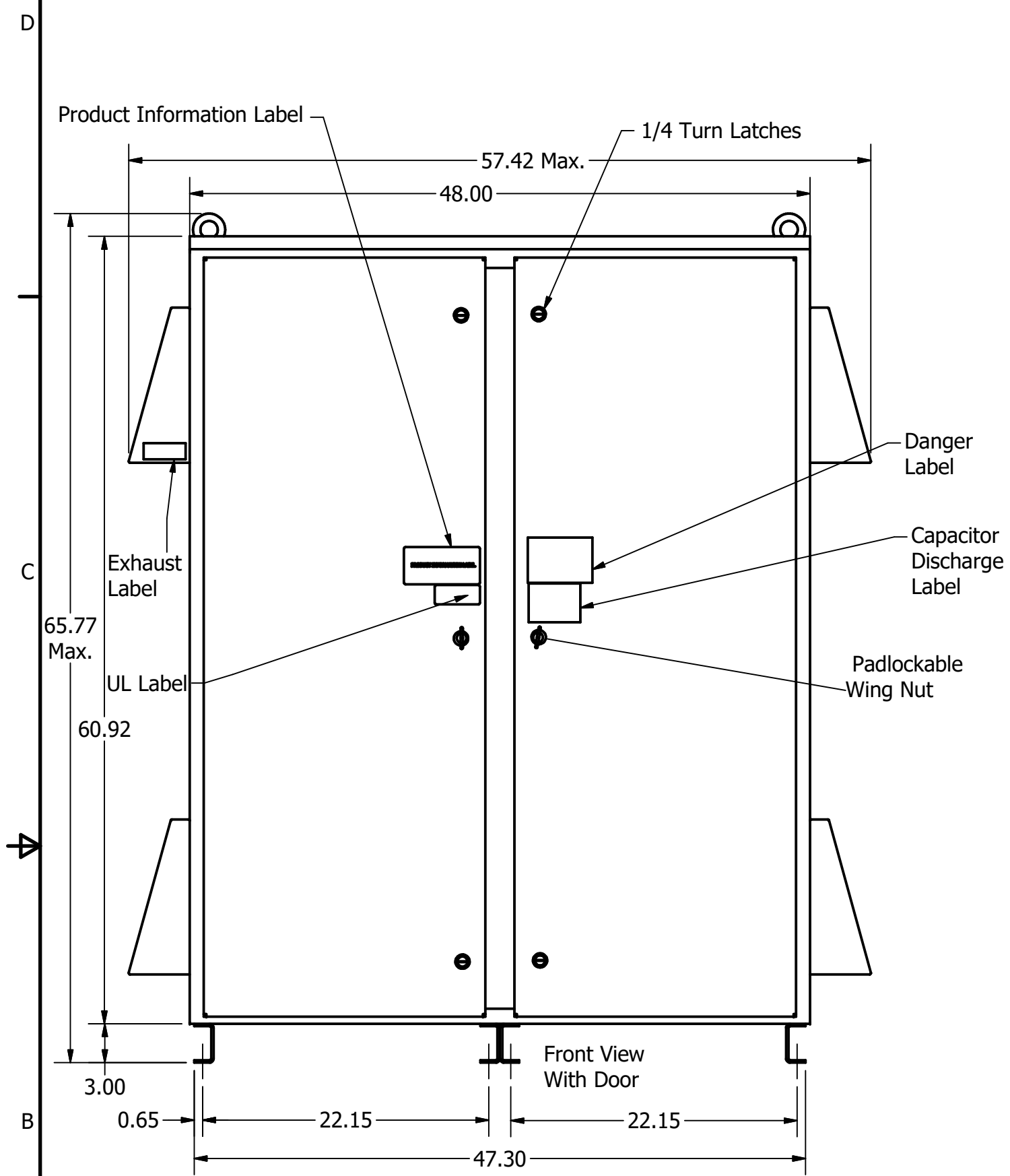


Unit Specifications						
kVar	Harmonic	Volt	HZ.	Phase	HP	Maximum Amps (A)
105	5TH	480	60	3	700	840

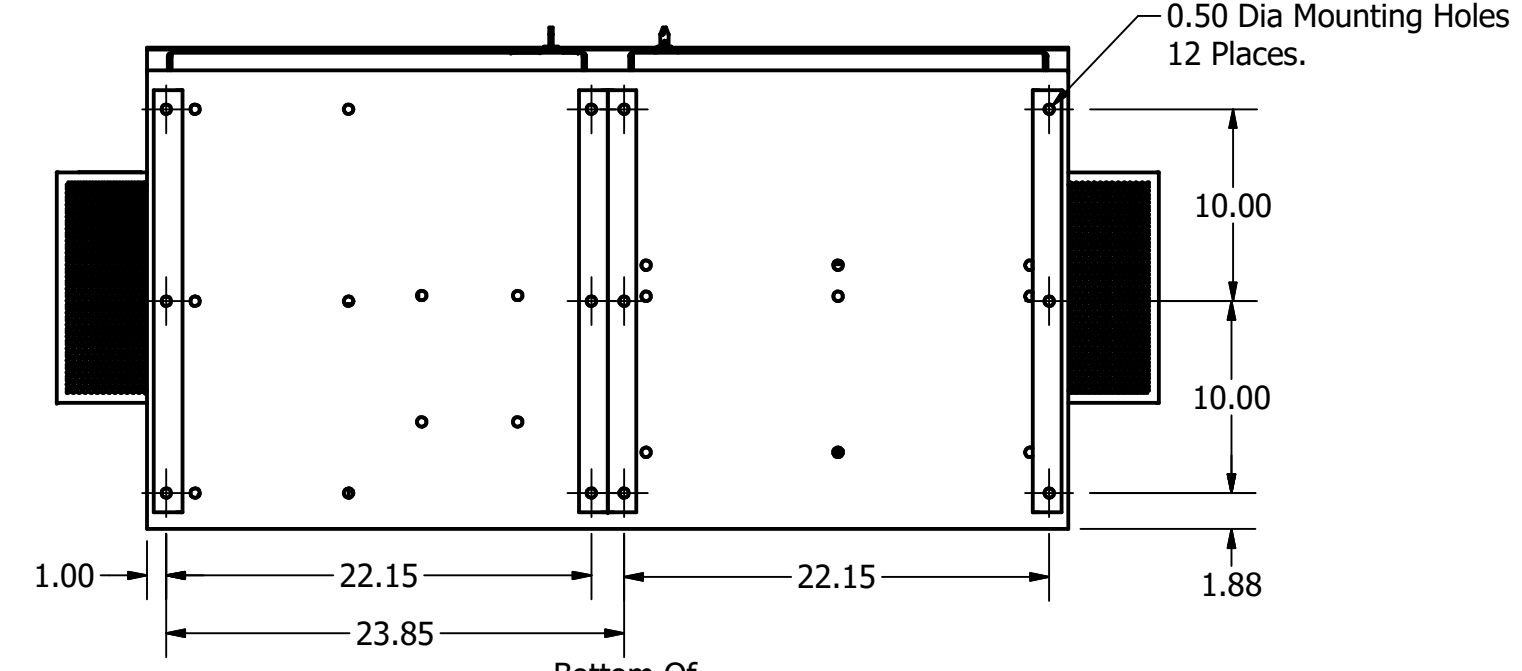
Note: For Torque Information See IOM Manual

Customer Connections:  
L1, L2, L3, T1, T2, T3, and Ground Lug.  
Wire Range- Four, 600MCM-2AWG

HGL Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0700AW3S0000	30586-1S	1375
HGL0700AW3C0000	30586-1C	1395
HGL0700AW3C000H	30586-H	1400
HGL0700AW3S*000	30586-PQ1	1378
HGL0700AW3C*000	30586-PQ	1398
HGL0700AW3C*00H	30586-PQH	1403



Components	HGL0700AW3-----					
	S0000	C0000	C000H	S*000	C*000	C*00H
Line Reactor (LR)	x	x	x	X	X	X
Trap Reactor (TR)	x	x	x	X	X	X
Capacitor (Cap)	x	x	x	X	X	X
Trap Fusing, FU1, FU2, FU3	x	x	x	X	X	X
Contactor (CNT)		x	x		X	X
Transformer (XFMR)	x	x	x	X	X	X
XFMR Fusing, FU4, FU5	x	x	x	X	X	X
PQConnect Board				X	X	X
Heater			x			X



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

NOTE: USE ONLY HUBS OR FITTINGS THAT COMPLY WITH UL514B FOR TYPE 3R ENCLOSURES

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)
F	6179-1 Add Alternate Hood/Handle	02/21/23	JRN	DECIMAL
E	6024, Add PQ Option	08/30/2022	GJS	.XX ± .25 .XXX ± .10
D	5653, GE to ABB CNT chg.	1/7/2022	DSW	FRACTIONAL ± 1/16
C	5755, LR and PT terminal updated	10/25/2021	DSW	ANGULAR ± 1°
B	Add PQConnect	07/11/19	JRN	

Material(s) Shall be RoHS Compliant

W132N10611 Grant Drive  
Germantown, WI 53022  
© 2022 TCI, LLC

HarmonicGuard Low Capacitance  
HGL, 700HP, 480/3/60, Type 3R

DRN BY: DSW DATE: 10/12/17 107279DG  
SCALE: 1/10 APRVD: SIZE: C SHT. 1 OF 1