

HGL Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0020AW0S0000	30586-1	61
HGL0020AW0C0000	30586	65
HGL0020AW0S*000	30586-PQ1	64
HGL0020AW0C*000	30586-PQ	67

Unit Specifications							
kVar	Harmonic	Volt	Maximum Amps (A)	HZ.	Phase	HP	
3	5TH	480	27	60	3	20	

HGL Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0020AW1S0000	30586-1	86
HGL0020AW1C0000	30586	90
HGL0020AW1S*000	30586-PQ1	88
HGL0020AW1C*000	30586-PQ	92

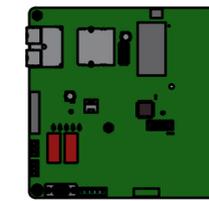
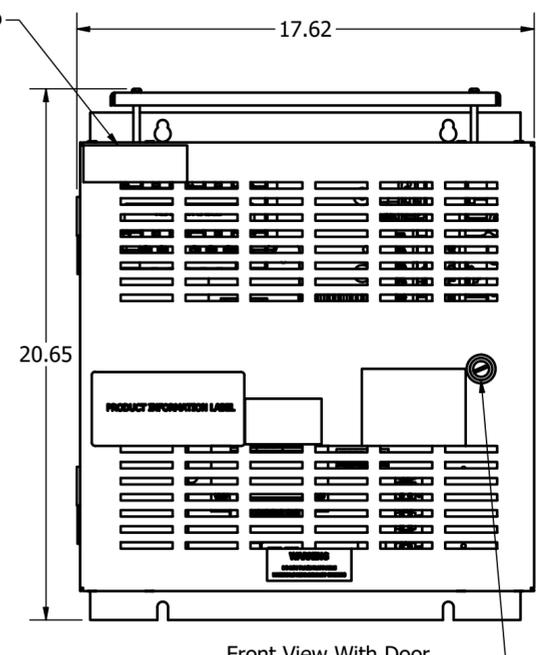
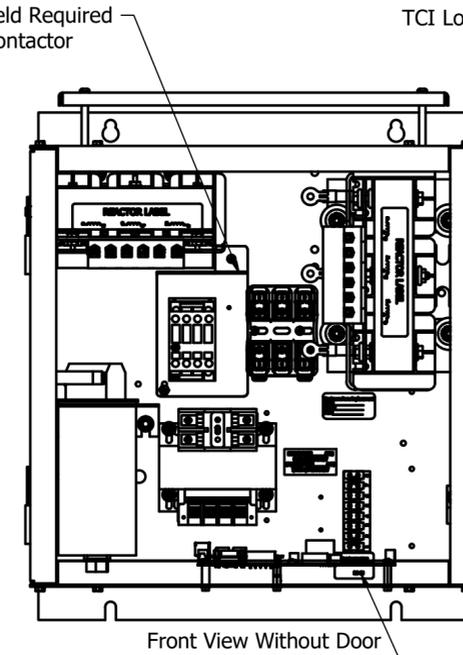
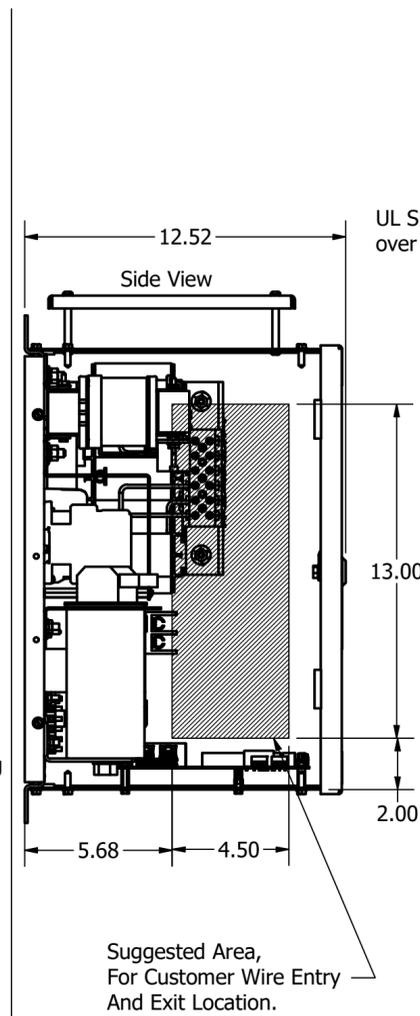
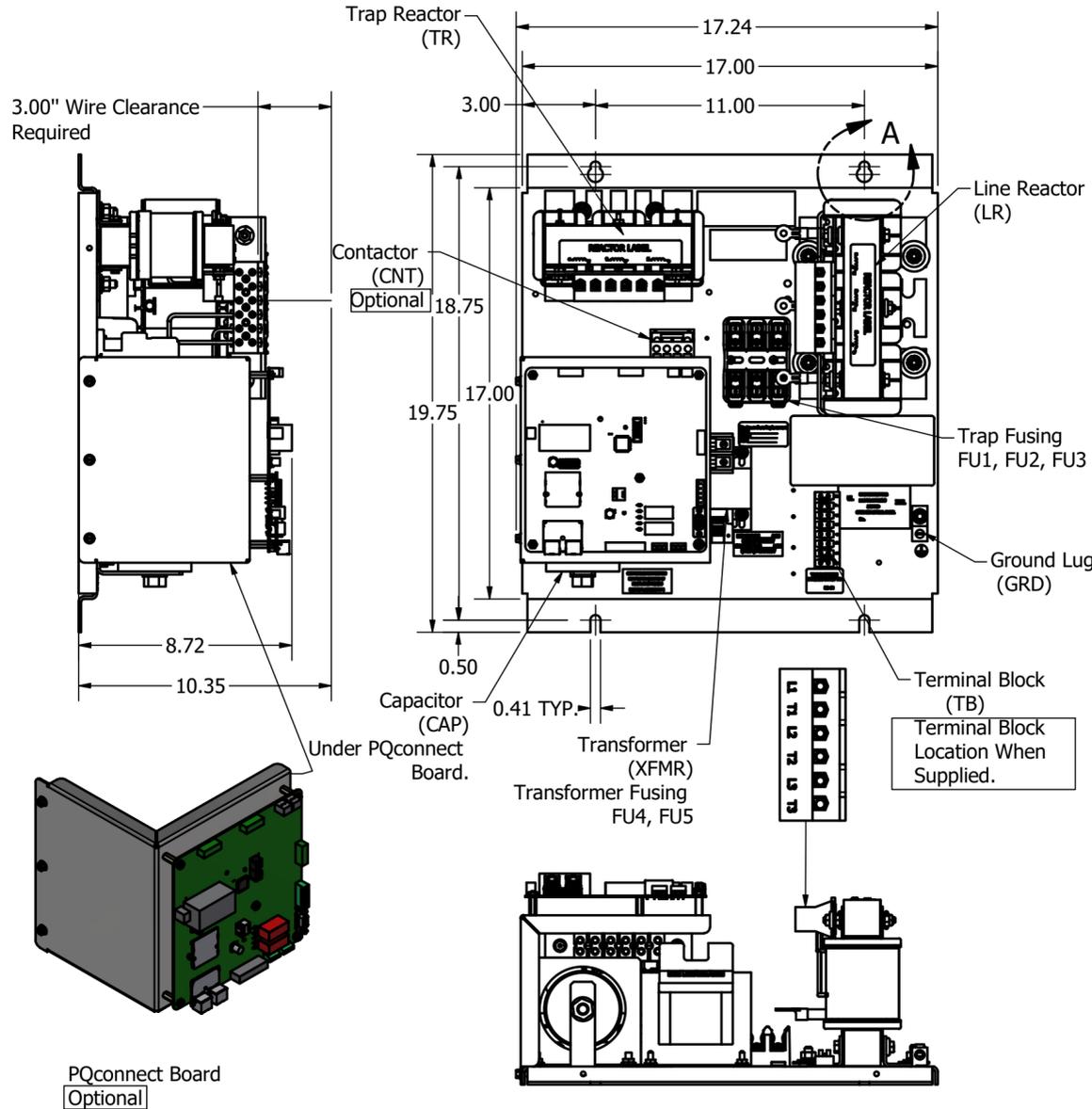
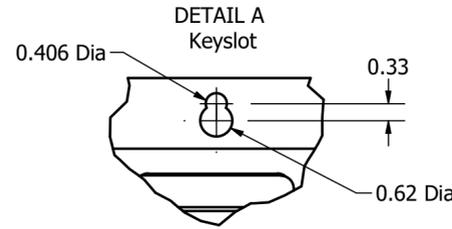
Note: For Torque Information  
See IOM Manual

Customer Connections.  
L1, T1, L2, T2, L3, T3  
Wire Range: 1 AWG to 22 AWG.

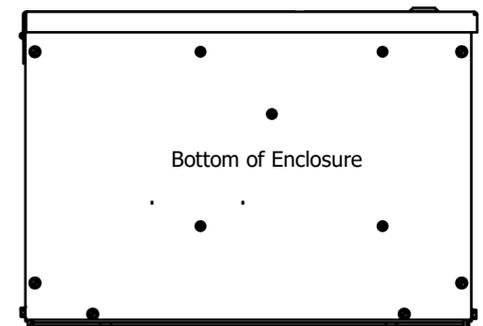
Ground Lug  
Wire Range: 1/0 to 14 AWG.

\* = Communications Option

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



PQconnect Board Mounted on Bottom of Enclosure. Optional



Components	HGL0020AW-----			
	0S0000/1S0000	0C0000/1C0000	0S*000/1S*000	0C*000/1C*000
Line Reactor (LR)	X	X	X	X
Trap Reactor (TR)	X	X	X	X
Capacitor (Cap)	X	X	X	X
Trap Fusing, FU1, FU2, FU3	X	X	X	X
Contactor (CNT)		X		X
Transformer (XFMR)		X	X	X
XFMR Fusing, FU4, FU5		X	X	X
PQConnect Board			X	X

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

Material(s) Shall be RoHS Compliant

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NO	REVISION	DATE	BY
D	6024, Add PQ Option	8/25/22	GJS
C	5653, GE to ABB CNT Change	10/18/2021	DSW
B	Add PQ Board	2/12/2019	DSW

TOLERANCES (EXCEPT AS NOTED)  
DECIMAL  
.XX ± .25  
.XXX ± .10  
FRACTIONAL  
± 1/16  
ANGULAR  
± 1°

**TCI**  
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HarmonicGuard Low Capacitance (HGL)  
20HP, 480/3/60, Open and Type 1

DRN: DSW DATE: 3/30/2017  
SCALE: 1/5/ APRVD: 107195DG  
SIZE: C SHT 1 OF 1