

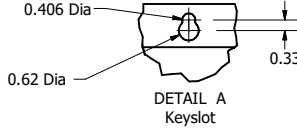
HGL Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0040AW0S000#	30586-S	120
HGL0040AW0C000#	30586-C	125
HGL0040AW0S*00#	30586-PQS	123
HGL0040AW0C*00#	30586-PQC	128

Unit Specifications						
HP	kVar	Harmonic	Volt	Maximum Amps (A)	HZ.	Phase
40	6	5TH	480	52	60	3

HGL Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0040AW1S000#	30586-S	185
HGL0040AW1C000#	30586-C	190
HGL0040AW1S*00#	30586-PQS	186
HGL0040AW1C*00#	30586-PQC	191

\* = Communications Option

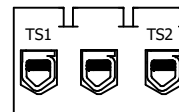
# = Mechanical Option



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

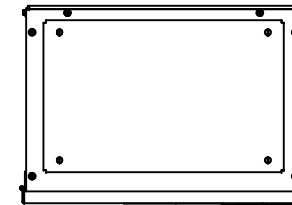
Ground Lug  
Wire Range: 1/0 to 14 AWG.

Thermal Switch Terminal Block (Optional)

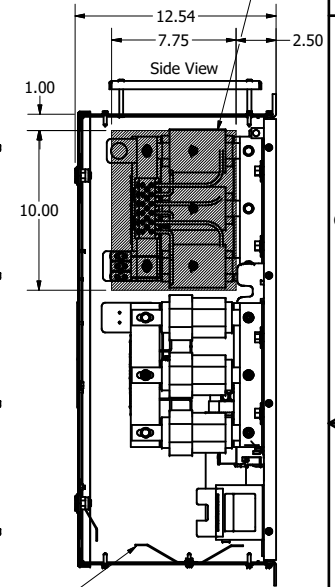
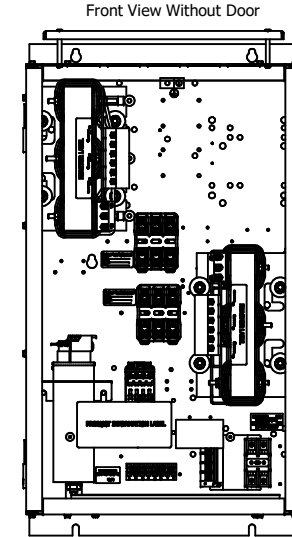
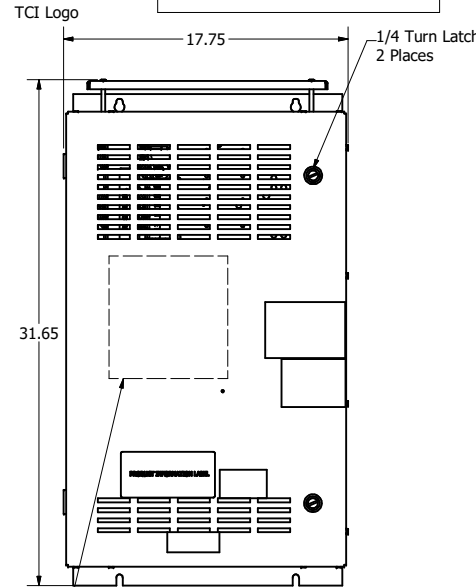
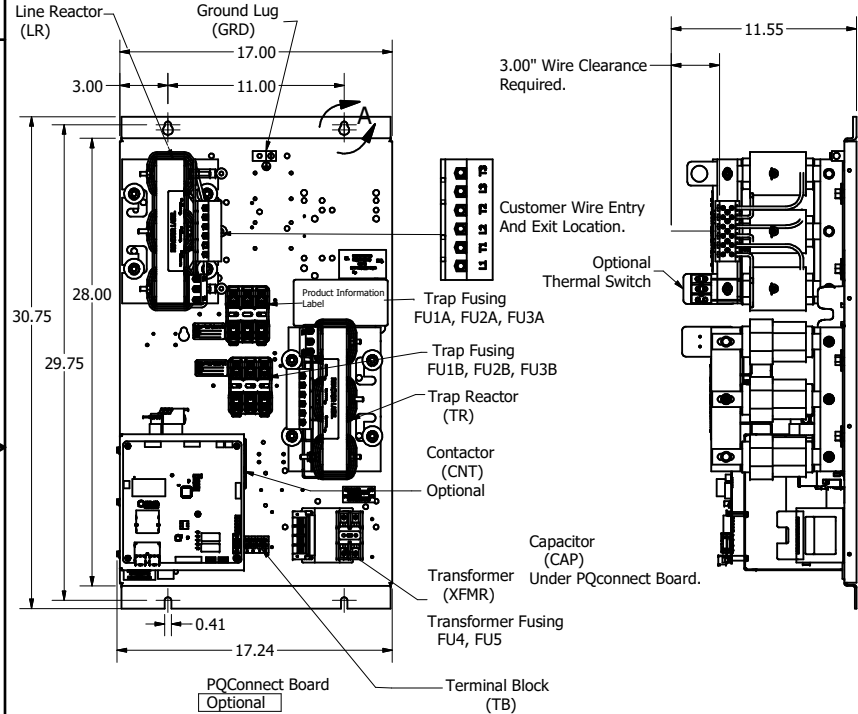


Wire Range: 18 AWG To 4 AWG.  
Torque: 20 LB-IN (2.3 Nm)  
Switch Opens on Temperature Rise  
Contact Rating: 6A @ 120 VAC

Top of Enclosure



Suggested Area,  
For Customer Wire Entry  
And Exit Location.



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

HGL0040AW----				
Components	0S000#/1S000#	0C000#/1C000#	0S*00#/1S*00#	0C*00#/1C*00#
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
F	6410 Add Mechanical Option	09/18/23	JRN
E	6098, Capacitor Update	11/14/2022	DSW
D	6024, Add PQ Option	8/26/2022	GJS
C	5653, GE to ABB CNT Change	11/8/2021	DSW
B	PQConnect Board Added.	2/27/19	DSW
NO	REVISION	DATE	BY

TOLERANCES (EXCEPT AS NOTED)		SCALE	
DECIMAL	±.005	1/8"	AS SHOWN
FRACTIONAL	± 1/16"		
ANGULAR	± 1°		

W182N10611 (Rev 13) Rev 6  
 Germantown, WI 53022  
 © 2022 TCI, LLC  
 An Official Motion Systems Company  
 Harmonic-Guard Low Capacitance  
 HGL, 40HP, 480/3/60, Open and Type 1.  
 DWG NO: DSW DATE: 3/30/17 FILE: 107014DG  
 SCALE: 1/8" DRWNO: FILE: SHEET 1 OF 1