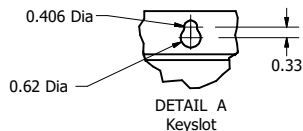


HGL Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0030AW0S000#	30586-1	81
HGL0030AW0C000#	30586	85
HGL0030AW0S*00#	30586-PQ1	84
HGL0030AW0C*00#	30586-PQ	88

* = Communications Option

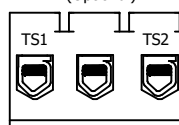
= Mechanical Option



Note: For Torque Information
See IOM Manual
Customer Connections.
L1, T1, L2, T2, L3, T3
Wire Range: 1 AWG to 22 AWG.

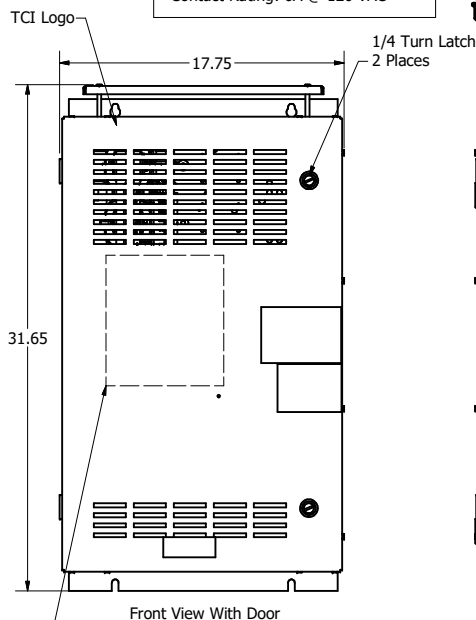
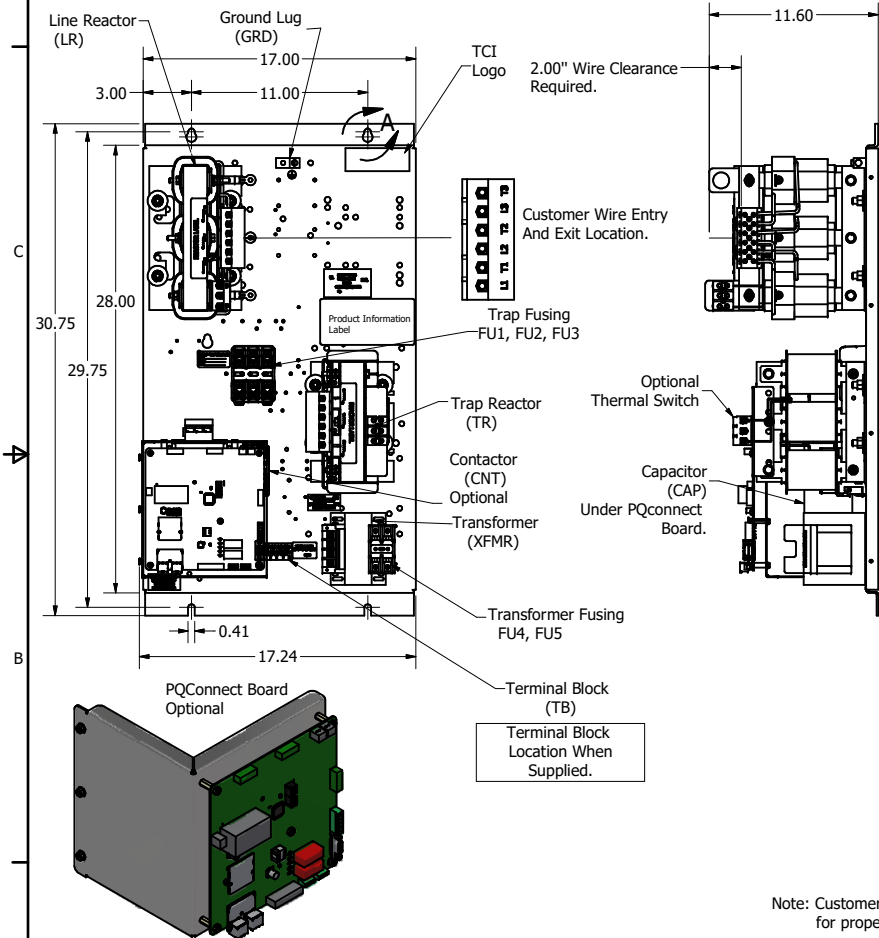
Ground Lug
Wire Range: 1/0 to 14 AWG.

Thermal Switch Terminal Block
(Optional)

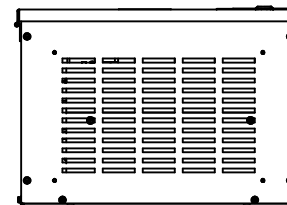
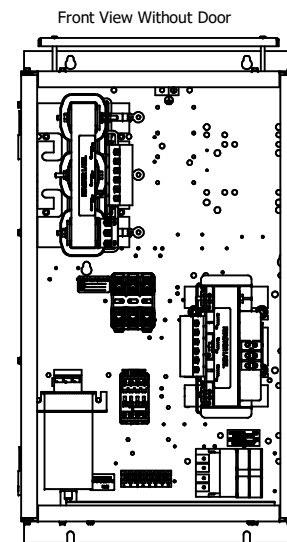
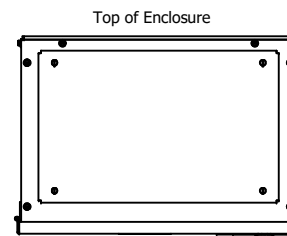
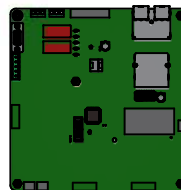


Wire Range: 18 AWG To 4 AWG.
Torque: 20 LB-IN (2.3 Nm)
Switch Opens on Temperature Rise
Contact Rating: 6A @ 120 VAC

HGL Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0030AW1S000#	30586-1	145
HGL0030AW1C000#	30586	150
HGL0030AW1S*00#	30586-PQ1	146
HGL0030AW1C*00#	30586-PQ	151

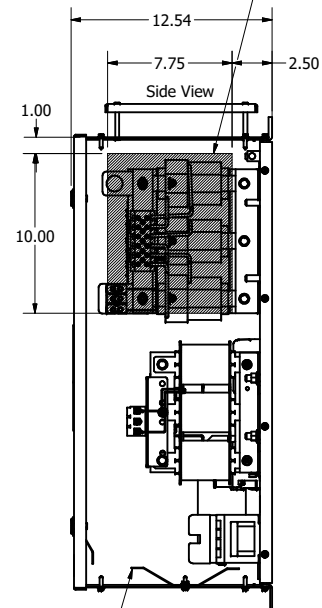


PQConnect Board
Mounted on Front
Door Of Enclosure.
Optional



Bottom of Enclosure

Suggested Area,
For Customer Wire Entry
And Exit Location.



UL Required Shields
3 Places.

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

HGL0030AW----

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	X
XFMR Fusing, FU4, FU5	X	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
E	6410 Add Mechanical Option	09/18/23	JRN
D	6024, Add PQ Option	8/26/2022	GJS
C	5599-1, GE to ABB CNT Change	11/5/2021	DSW
B	PQConnect Board Added.	2/27/19	DSW
NO	REVISION	DATE	BY

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

TCI		W132N10611 (Rev 13 Feb 2022)	
An Official Motion Company		© 2022 TCI, LLC	
HarmonicGuard Low Capacitance			
HGL, 30HP, 480/3/60, Open and Type 1.			
OWN BY DSW	DATE 3/20/17	107197DG	
SCALE 1/8	DRW DSW	REV C	SHT 1 OF 1