HGP Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0030AW0S000#	29597-S	81
HGP0030AW0C000#	29597	85
HGP0030AW0C*00#	29597-PQ	88

HGP Part Number	HorsePower (HP)	Maximum Amps (A)	kVar	Harmonic	Voltage (V)	Hz.	Phase
HGP0030AW----	30	40	10	5th	480	60	3

HGP Eclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0030AW1S000#	29597-S	145
HGP0030AW1C000#	29597	150
HGP0030AW1C*00#	29597-PQ	151

***=Communication Option**
0= No Connectivity
1= PQconnect w/Modbus RTU over RS485
2= PQconnect w/EtherNET

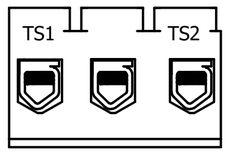
#=Mechcanical Option
0= No Option
V= Vibration Pads
T=Thermal Switches

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.

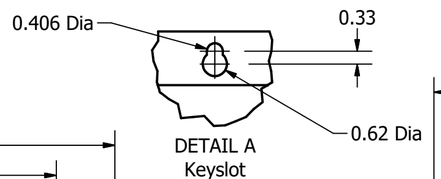
Thermal Switch, Terminal Block
(Optional) Located on Inductors

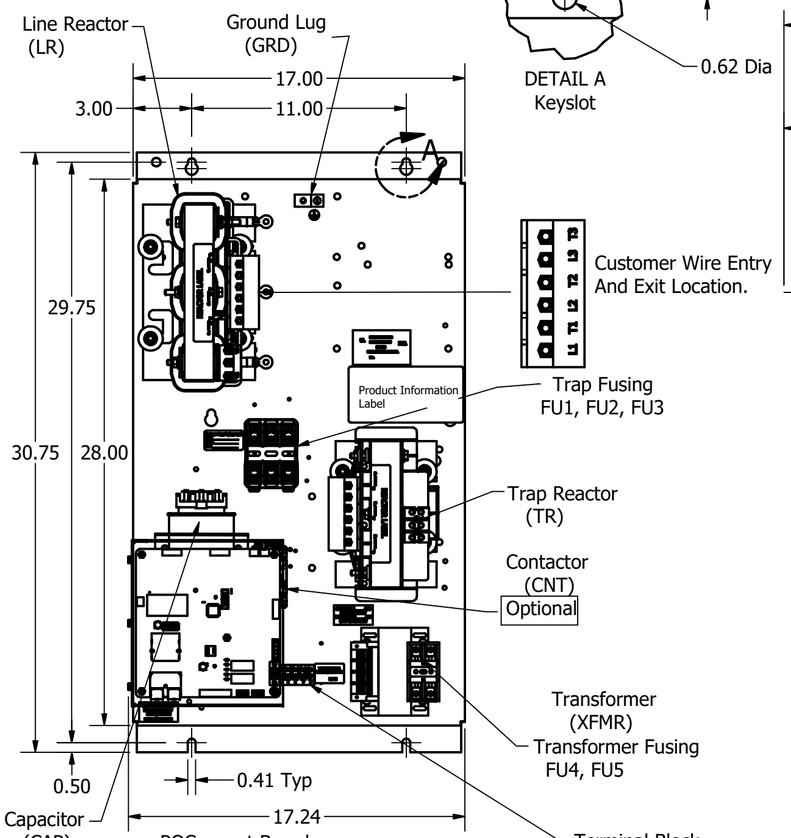


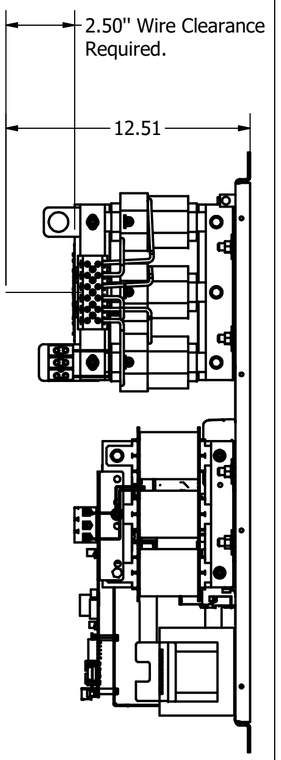
Wire Range: 18 AWG To 4 AWG.
Torque: 20 LB-IN (2.3 Nm)

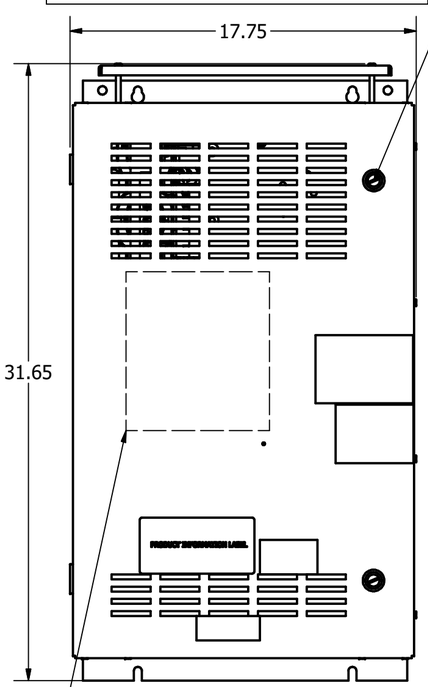
Switch Opens on Temperature Rise
Contact Rating: 6A @ 120 VAC, Resistive
Contact Rating: 5A @ 120 VAC, Inductive

***=Communication Option**
#=Mechanical Option

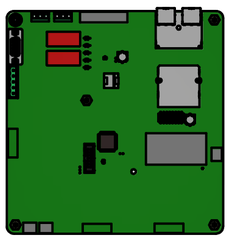






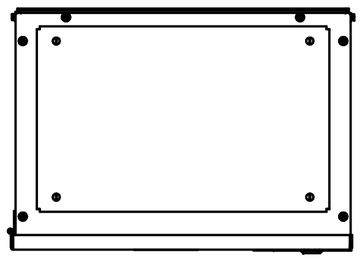


Front View With Door

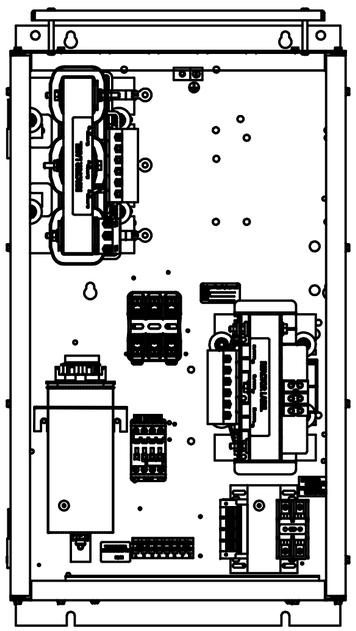


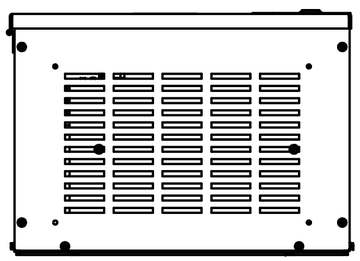
PQConnect Board
Mounted on Front
Door OF Enclosure.
Optional

Top of Enclosure



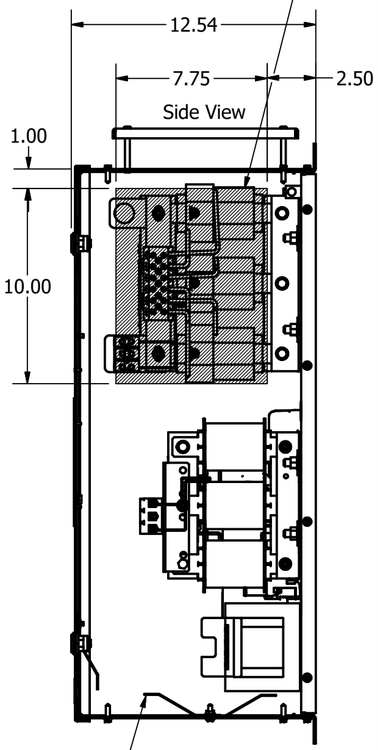
Front View Without Door





Bottom of Enclosure

Suggested Area,
For Customer Wire Entry
And Exit Location.



UL Required Shields
3 Places.

	HGP0030AW-----		
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	X
XFMR Fusing, FU4, FU5		X	X
PQConnect Board			X

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

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.

NO	REVISION	DATE	BY
F	6481, Add PQ/Mech options	11/08/23	JRN
E	5662, ASC to Vishay Cap	7/16/2021	DSW
D	4760, Add Harness Package	5/24/19	DSW
C	PQConnect Board Added.	6/14/18	DSW

TOLERANCES (EXCEPT AS NOTED)
DECIMAL
.XX ± .25
.XXX ± .10
FRACTIONAL
± 1/32
ANGULAR
± 1°

TCI An Allied Motion Company
W132N10611 Grant Drive
Germantown, WI 53022
© 2023 TCI, LLC

HarmonicGuard Passive, HGP0030AW-----
HGP, 30HP, 480/3/60, Open and Type 1.

DRN. BY: DSW
DATE: 10/31/13
SCALE: 1/8
APRVD:
SIZE: C
105482DG
SHT 1 OF 1