

| HGP Part Number | HorsePower (HP) | kVar | Harmonic | Maximum Amps (A) | Voltage (V) | Hz. | Phase |
|-----------------|-----------------|------|----------|------------------|-------------|-----|-------|
| HGP0020AW3----  | 20              | 6    | 5th      | 27               | 480         | 60  | 3     |

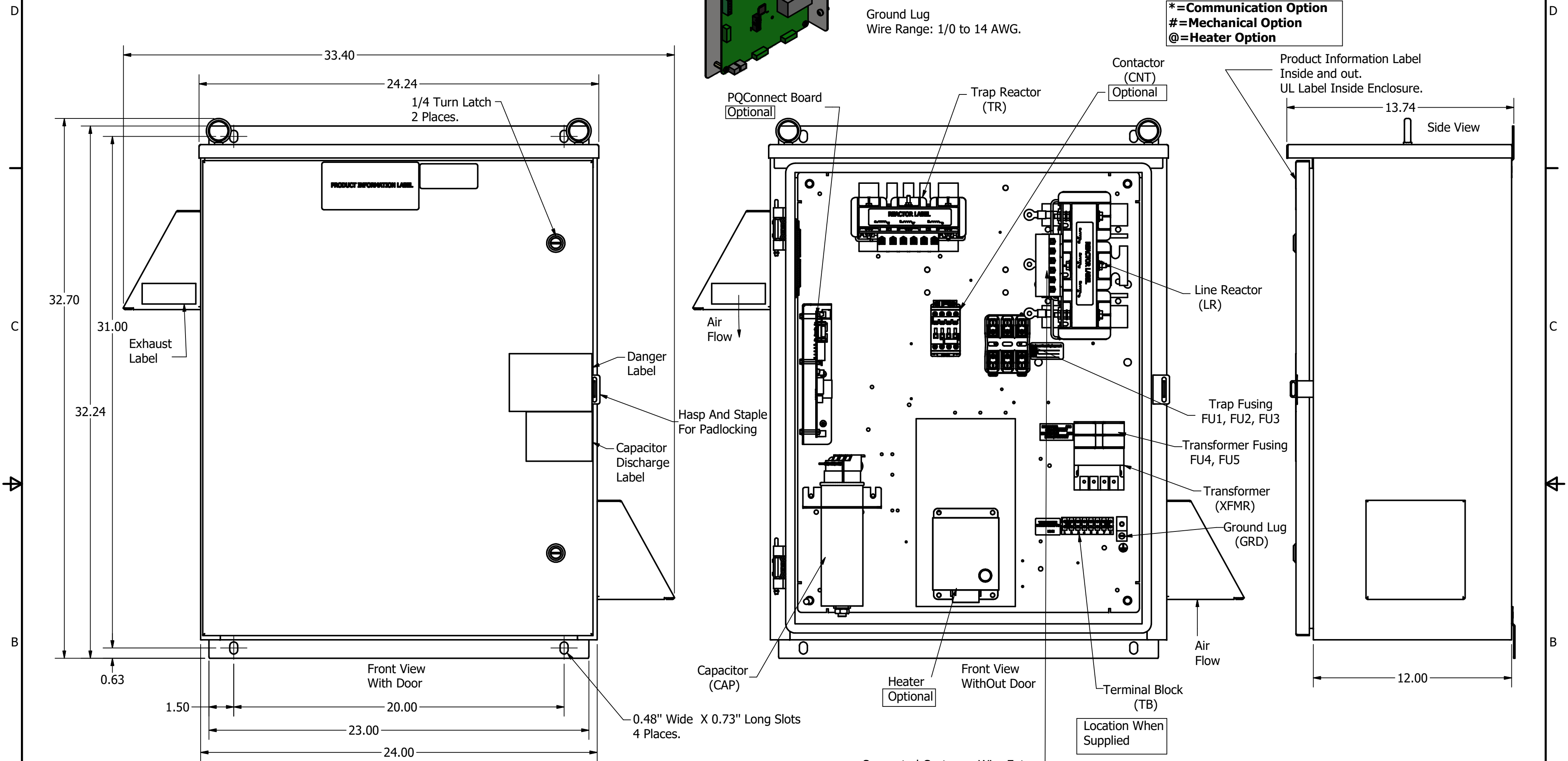
| HGP Part Number | Schematic Drawing # | Approx Weight (LBS) |
|-----------------|---------------------|---------------------|
| HGP0020AW3S0000 | 28697-4S            | 125                 |
| HGP0020AW3C0000 | 28697-4             | 126                 |
| HGP0020AW3C000@ | 28697-4H            | 130                 |
| HGP0020AW3C*000 | 29597-PQ            | 130                 |
| HGP0020AW3C*00@ | 29597-PQH           | 134                 |

Note: For Torque Information See IOM Manual

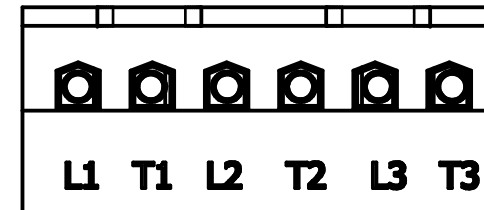
Customer Connections.  
L1, T1, L2, T2, L3, T3  
Wire Range: 1 AWG to 22 AWG.

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

**\*=Communication Option**  
**#=Mechanical Option**  
**@=Heater Option**



Suggested Customer Wire Entry And Exit Location.



| Components                 | HGP0020AW3---- |       |       |       |       |
|----------------------------|----------------|-------|-------|-------|-------|
|                            | S0000          | C0000 | C000@ | C*000 | C*00@ |
| Line Reactor (LR)          | x              | x     | x     | X     | X     |
| Trap Reactor (TR)          | x              | x     | x     | X     | X     |
| Capacitor (Cap)            | x              | x     | x     | X     | X     |
| Trap Fusing, FU1, FU2, FU3 | x              | x     | x     | X     | X     |
| Contactor (CNT)            |                | x     | x     | X     | X     |
| Transformer (XFMR)         | x              | x     | x     | X     | X     |
| XFMR Fusing, FU4, FU5      | x              | x     | x     | X     | X     |
| Heater                     |                |       | x     |       | X     |
| PQConnect Board            |                |       |       | X     | X     |

**\*=Communication Option**  
**1= PQconnect w/Modbus RTU over RS485**  
**2= PQconnect w/Ethernet IP**

**#=Mechanical Option**  
**0= No Option**  
**V= Vibration Pads**  
**T=Thermal Switches**

**@=Heater Option**  
**H= Heater Option**  
**A=Heater+Thermal Switches**


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

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  | TOLERANCES (EXCEPT AS NOTED)       |
|----|-------------------------|------------|-----|------------------------------------|
| G  | 6699 Add Options        | 06/11/24   | JRN | DECIMAL<br>.XX ± .25<br>.XXX ± .10 |
| F  | 6098, Capacitor Updated | 11/14/2022 | DSW | FRACTIONAL<br>± 1/16               |
| E  | 5599-1, CNT GE to ABB   | 5/21/2021  | DSW | ANGULAR<br>± 1°                    |
| D  | Add PQConnect           | 6/11/18    | DSW |                                    |


**TCI**  
 An Allied Motion Company  
 W132N10611 Grant Drive  
 Germantown, WI 53022  
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 HarmonicGuard Passive, HGP0020AW----  
 HGP, 20HP, 480/3/60, Type 3R  
 DRN BY: DSW DATE: 1/23/14  
 SCALE: 1/8 APRVD: 105554DG  
 SIZE: C SHT. 1 OF 1