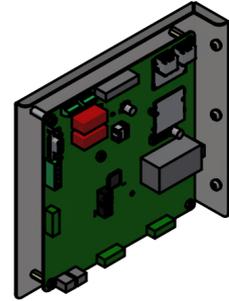


| HGL PART Number | Schematic Drawing # | Approx Weight (LBS) |
|-----------------|---------------------|---------------------|
| HGL0100AW3S0000 | 30586-1 | 270 |
| HGL0100AW3C0000 | 30586 | 271 |
| HGL0100AW3S*000 | 30586-PQ1 | 273 |
| HGL0100AW3C*000 | 30586-PQ | 274 |

* = Communication Option

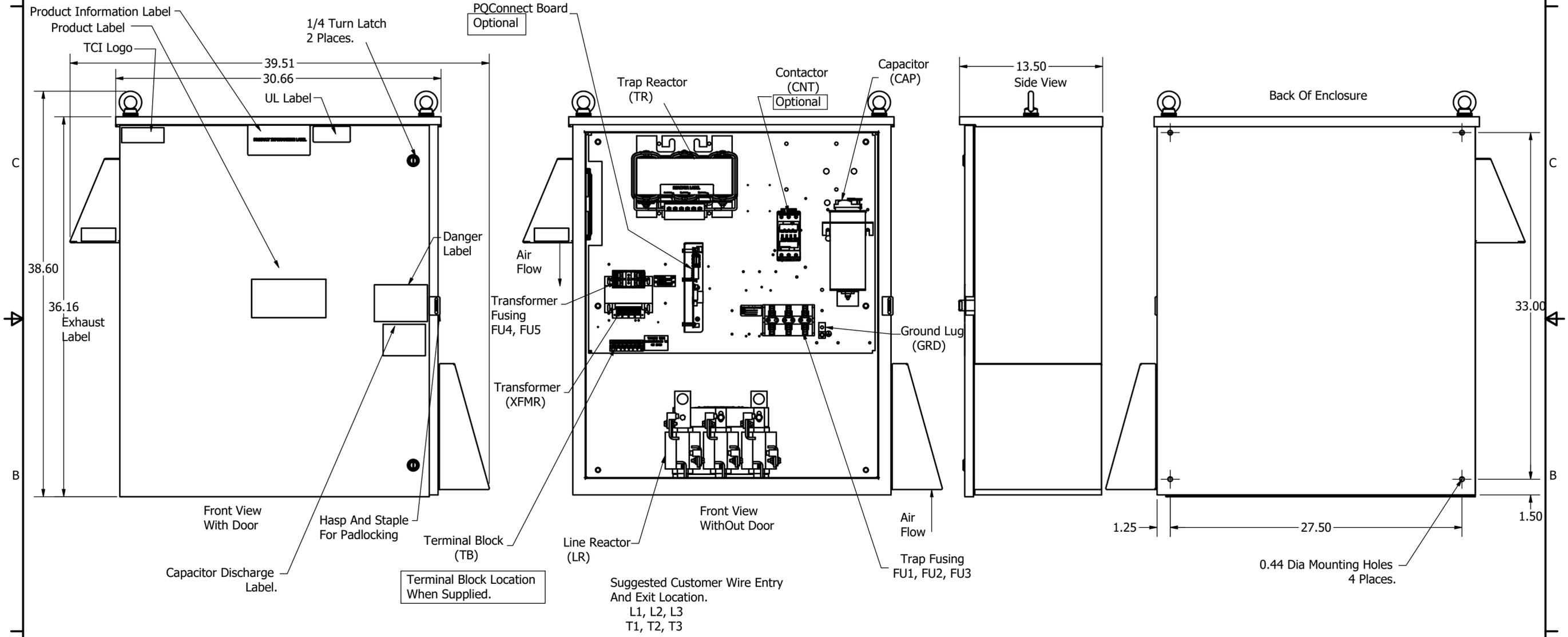
| Unit Specifications | | | | | | |
|---------------------|----------|------|------------------|-----|-------|-----|
| kVar | Harmonic | Volt | Maximum Amps (A) | HZ. | Phase | HP |
| 15 | 5TH | 480 | 124 | 60 | 3 | 100 |



Note: For Torque Information
See IOM Manual

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: 2/0 AWG to 14AWG.

Ground Lug
Wire Range: 2/0 to 14 AWG.



| HGL0100AW3----- | | | | |
|----------------------------|-------|-------|-------|-------|
| Components | S0000 | C0000 | S*000 | C*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 | X |
| XFMR Fusing, FU4, FU5 | x | x | X | X |
| XFMR Fusing, FU6 | | | | |
| PQConnect Board | | | X | X |

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

| | | | | | |
|--|---------------------------|-----------|-----|--|--|
| 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. | 6024, Add PQ Option | 8/30/22 | JTL | TOLERANCES (EXCEPT AS NOTED) DECIMAL .XX ± .25 .XXX ± .10 |  An Allied Motion Company W132N10611 Grant Drive Gemantown, WI 53022 © 2021 TCI, LLC HarmonicGuard Low Cap, HGL0100AW3---- 100HP, 480/3/60, Type 3R |
| | 5653 GE to ABB CNT Update | 8/12/2021 | DSW | FRACTIONAL ± 1/16 | |
| | 5265, Update Enclosure | 8/3/2020 | DSW | ANGULAR ± 1° | |
| | Add PQConnect | 2/14/19 | DSW | | |
| NO | REVISION | DATE | BY | SCALE: 1/8 | DRN: DSW DATE: 5/31/17 APRVD: SIZE: C SHT 1 OF 1 |