GROUND LUG:

WIRE RANGE - THREE 600MCM-2
TIGHTENING TORQUE 500 LB-IN.

L1 | L2 | L3 | T1 | T2 | T3

CUSTOMER CONNECTIONS:

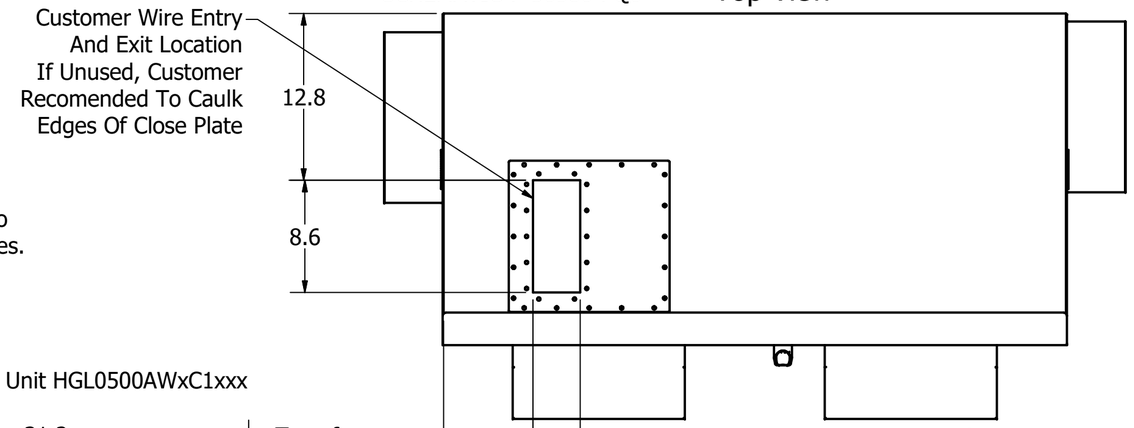
WIRE RANGE - THREE 600MCM-2
TIGHTENING TORQUE 500 LB-IN.

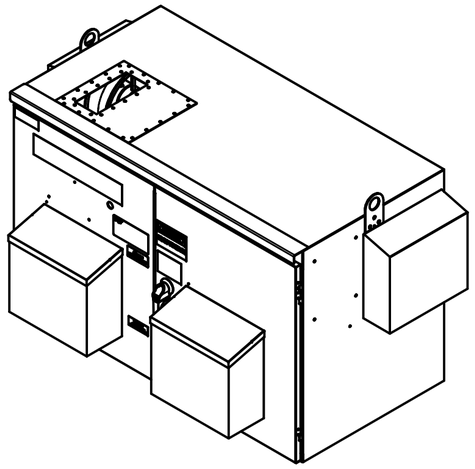
UNIT SPECIFICATIONS						
HP	VOLT	PHASE	HZ	HARMONIC	KVAR	AMPS
500	480	3	60	5TH	75	590

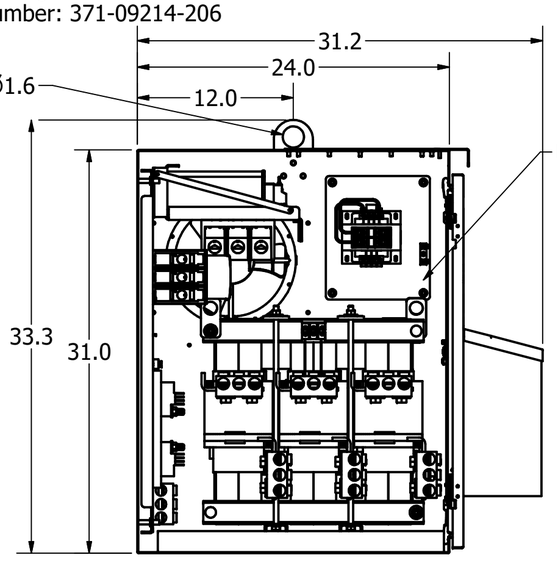
SCHEMATIC : 30586-PQ6

Notes:
1. Customer is responsible for installation to meet all national and local electrical codes.
2. Use only hubs or fittings that comply with UL514B for type 3R enclosures.
3. Approx. WT LBS : 950
4. Enclosure Color: RAL 7006 Beige Grey
5. PQconnect Programming Model: Custom Unit HGL0500AWxC1xxx
6. JCI Part Number: 371-09214-206

Top View

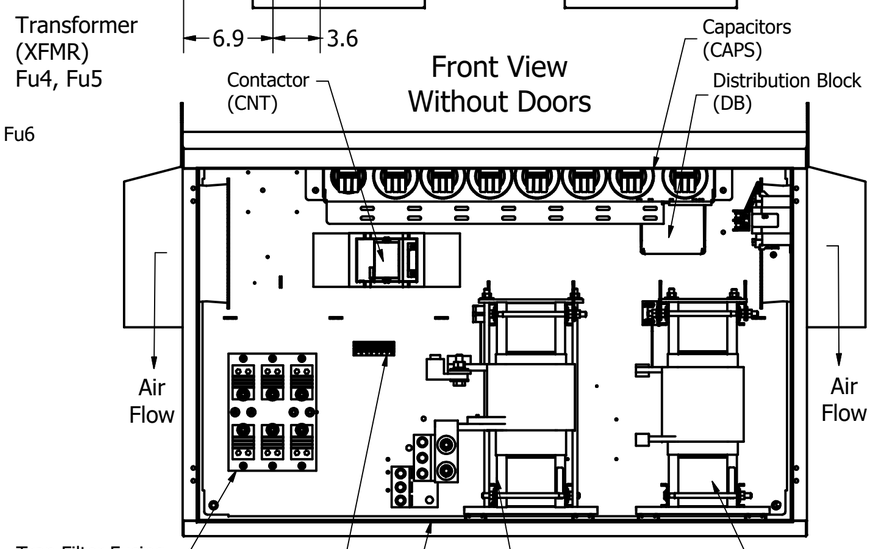


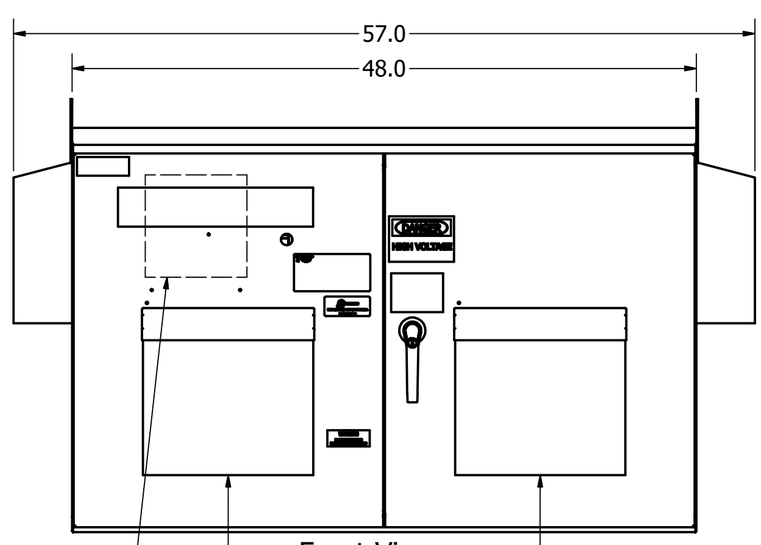




Side View
Without Wall

Front View
Without Doors

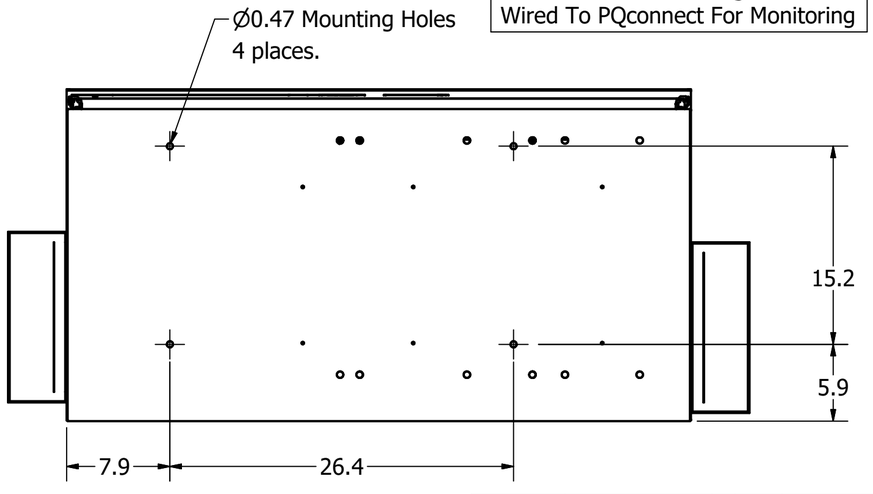




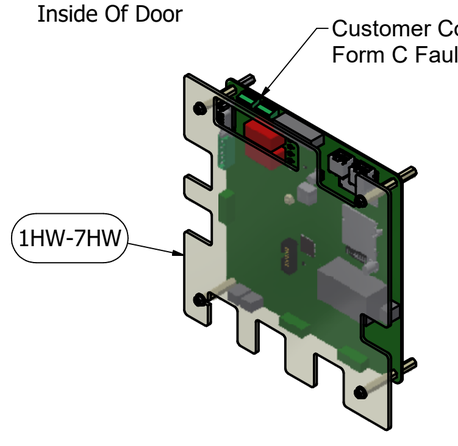
Front View

Thermal Switches Installed In Line Reactor And Tuning Reactor Wired To PQconnect For Monitoring

PQconnect Contactor Control Board Mounted To Inside Of Door



Bottom View



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

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF ALLIENT 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 ALLIENT INC. AND ITS SUBSIDIARIES.

NO	ECO	REVISION	DATE	BY
E	7165	Add PQ Cover	08/07/25	JRN
D	6521	Updated Fuseblock	12/14/23	JRN
C	5868	Update CNT, Wire Range	02/016/22	JRN
B	5348	Updated To Deeper Hoods In Front	08/11/20	JRN
A		As Designed	04/23/20	JRN

DRN. BY: JRN
DATE: 04/23/20

Allient Power
W132N10611 Grant Drive
Germantown, WI 53022
© 2025 Allient Inc.

HarmonicGuard Low Capacitance
500HP, 480/3/60, 3R, JCI, PQconnect

SCALE: 1/12
DRN. NO. 108196DG
SIZE C
SHT.1 OF 1