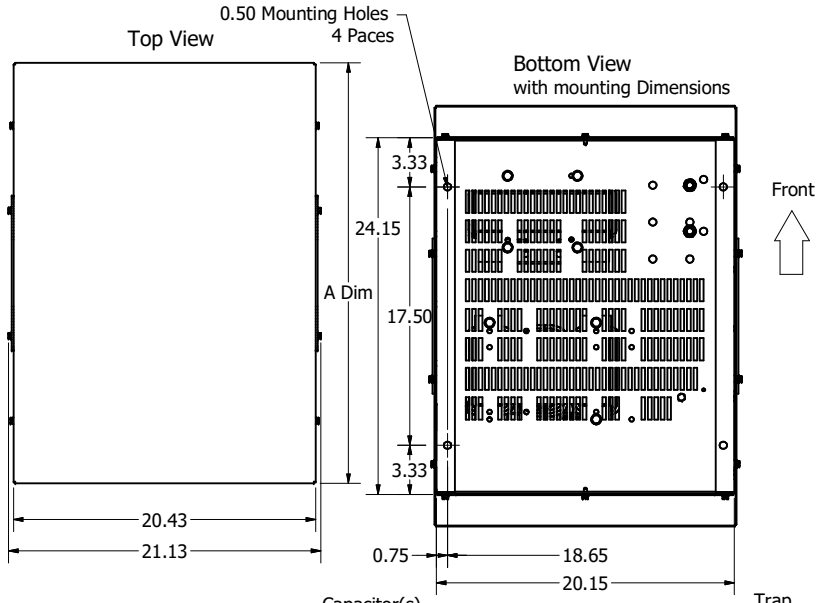
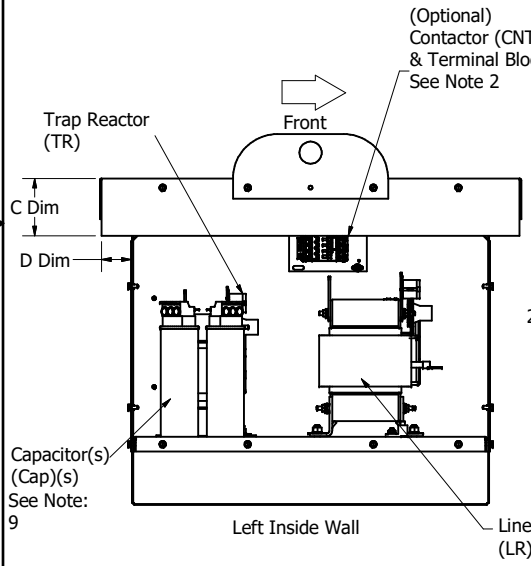
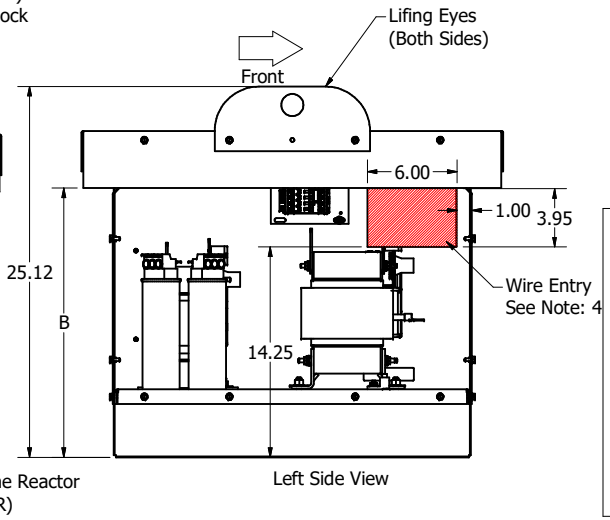
Unit Specifications:

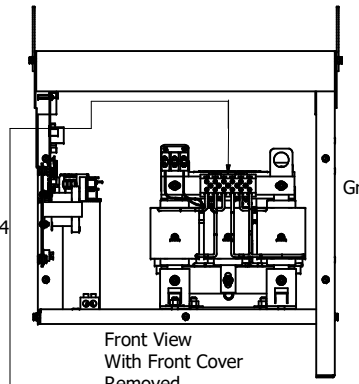
TCI Part Number	Horsepower (HP)	Nameplate Current (A)	Harmonic	Voltage	Hz.	Phase	Approx Weight: (LBS)	Schematic Part Number
HSE0020AW#0000	20	25	5TH	480	60	3	107	32550-2
HSE0020AW#1010	20	25	5TH	480	60	3	115	32550-2
HSE0025AW#0000	25	32	5TH	480	60	3	123	32550-2
HSE0025AW#1010	25	32	5TH	480	60	3	131	32550-2
HSE0030AW#0000	30	39	5TH	480	60	3	155	32550-2
HSE0030AW#1010	30	39	5TH	480	60	3	163	32550-2
HSE0040AW#0000	40	50	5TH	480	60	3	182	32550-2
HSE0040AW#1010	40	50	5TH	480	60	3	190	32550-2
HSE0050AW#0000	50	60	5TH	480	60	3	200	32550-1
HSE0050AW#1010	50	60	5TH	480	60	3	205	32550-1

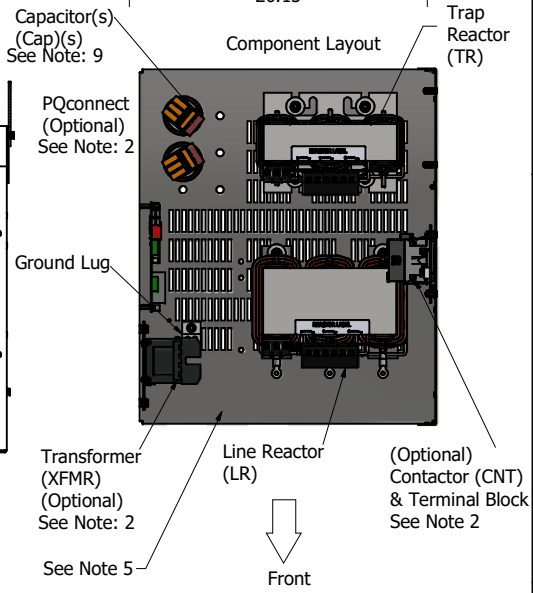
Enclosure Option
1- UL Type 1
3- UL Type 3R











Dimension Table				
Enclosure	"A" Dim	"B" Dim	"C" Dim	"D" Dim
Type 1	26.5	23.0	2.0	1.2
Type 3R	28.5	22.1	3.9	2.1

Terminal Block:
Customer Input Connections.
L1,T1, L2,T2, L3,T3
Wire Range:
1- 4 AWG. Torque : 35 IN-LBS (3.95 Nm)
6- 14 AWG. Torque : 30 IN-LBS (3.39 Nm)
16- 20 AW Torque : 25 IN-LBS (2.28 Nm)
22 AWG. Torque : 20 IN-LBS (2.26 Nm)

Ground Lug
Wire Range: 2/0-3 AWG. Torque : 50 IN-LBS (5.6 Nm)
4-6 AWG. Torque : 45 IN-LBS (5.1 Nm)
8 AWG. Torque : 40 IN-LBS (4.5 Nm)
10-14 AWG. Torque : 35 IN-LBS (4.0 Nm)

Notes:
1.) Refer to manual for wire size and torque.
2.) PQconnect option, comes with Contactor and Transformer.
3.) Refer to schematic #32550-1, 32550-2.
4.) Preferred wire entry area.
5.) Wire entry is allowed through the bottom.
6.) Enclosure is shown with a Type 3R top.
7.) Use only hubs or fittings that comply with UL514B for Type 3R applications
8.) Installation must meet all national and local codes.
9.) Number, size & location can vary per Hp and voltage.

Material(s) Shall be RoHS Compliant

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NO	REVISION	DATE	BY
E	6220, Update Layout	4/1/2024	DSW
D	6302, HSL---E to HSE	6/14/2023	DSW
C	6201, 50HP Inductor upddates	3/15/2023	DSW
B	6116, EPF Design Shift	12/5/2022	DSW
A	As Built	8/18/2022	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
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20HP to 50HP
EPF, Type 1 and Type 3R

DRN. BY: DSW | DATE: 8/18/2022 | 109236DG
SCALE: 1/5.5 | APRVD: | SIZE: C | SHT 1 OF 1