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Unit Specifications

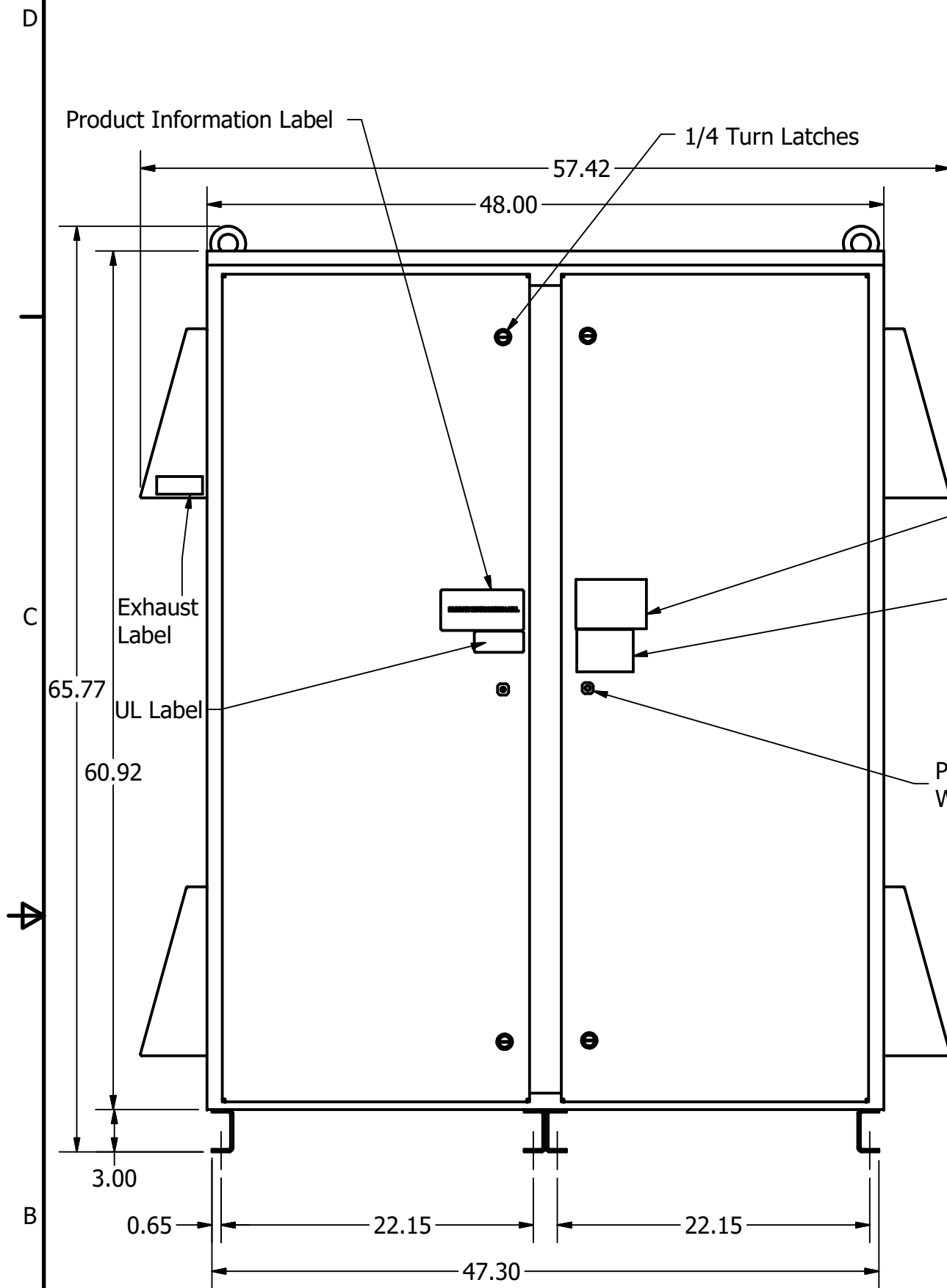
HP	kVar	Harmonic	Volt	HZ.	Phase	Maximum Amps (A)
500	75	5TH	480	60	3	590

Note: For Torque Information See IOM Manual

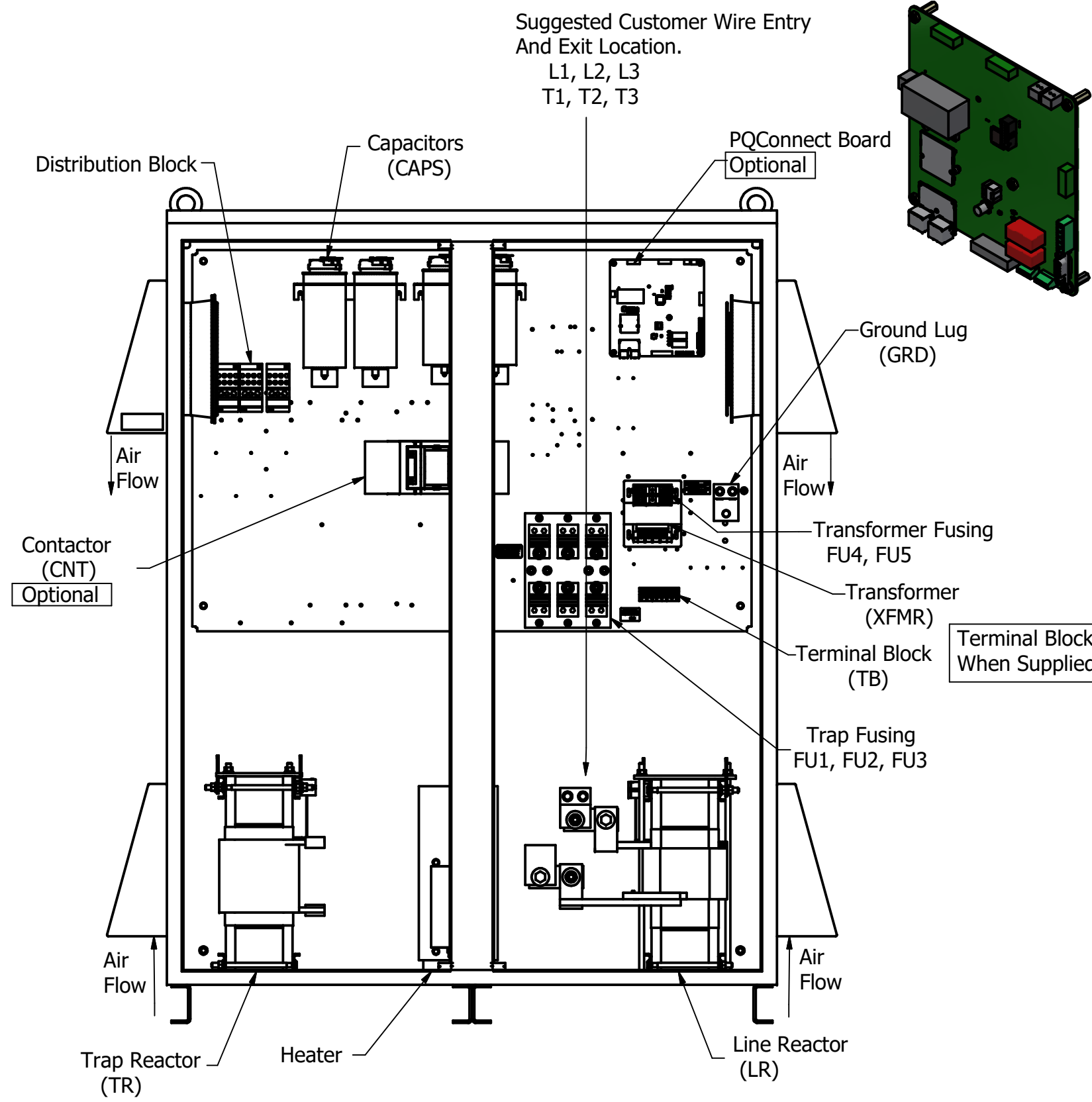
Customer Connections: L1, L2, L3, T1, T2, T3, and Ground Lug.  
Wire Range- Two, 600MCM-2AWG

- \* = Communications Option
- # = Mechanical Option
- \* = Heater+Mechanical Option

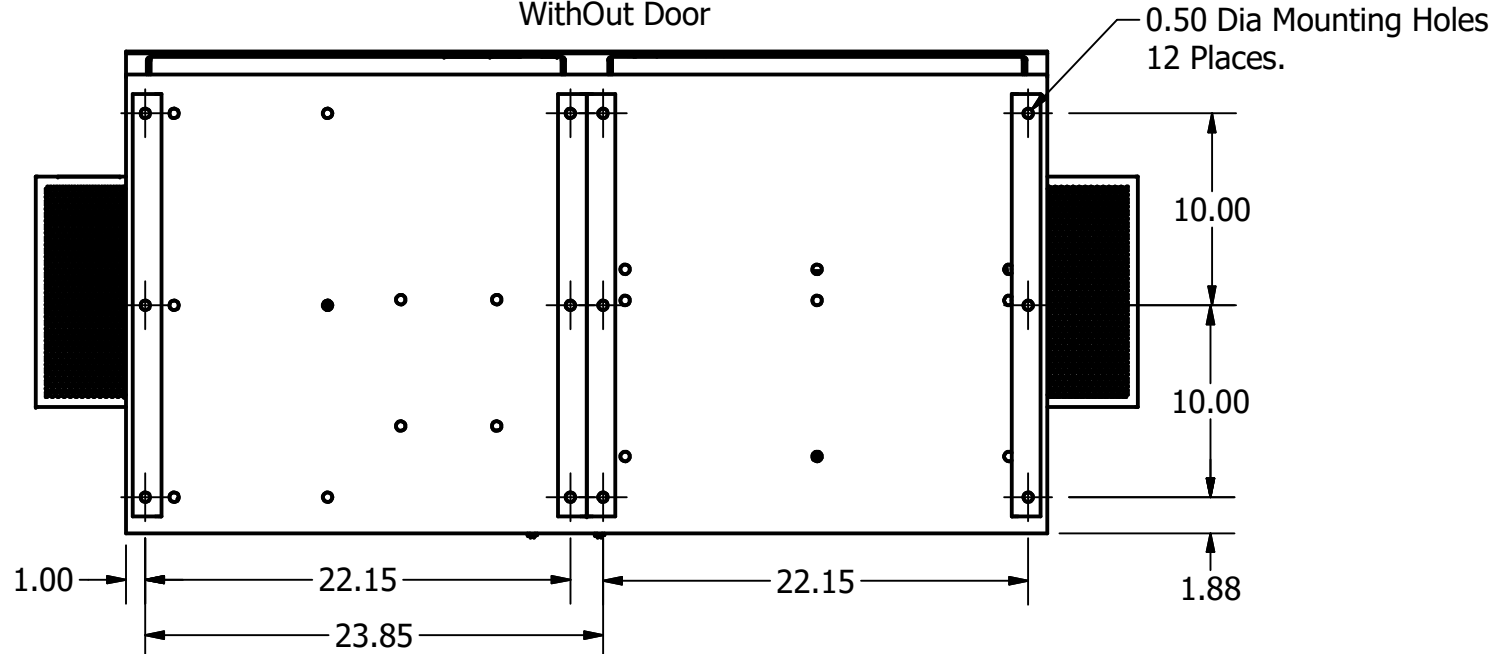
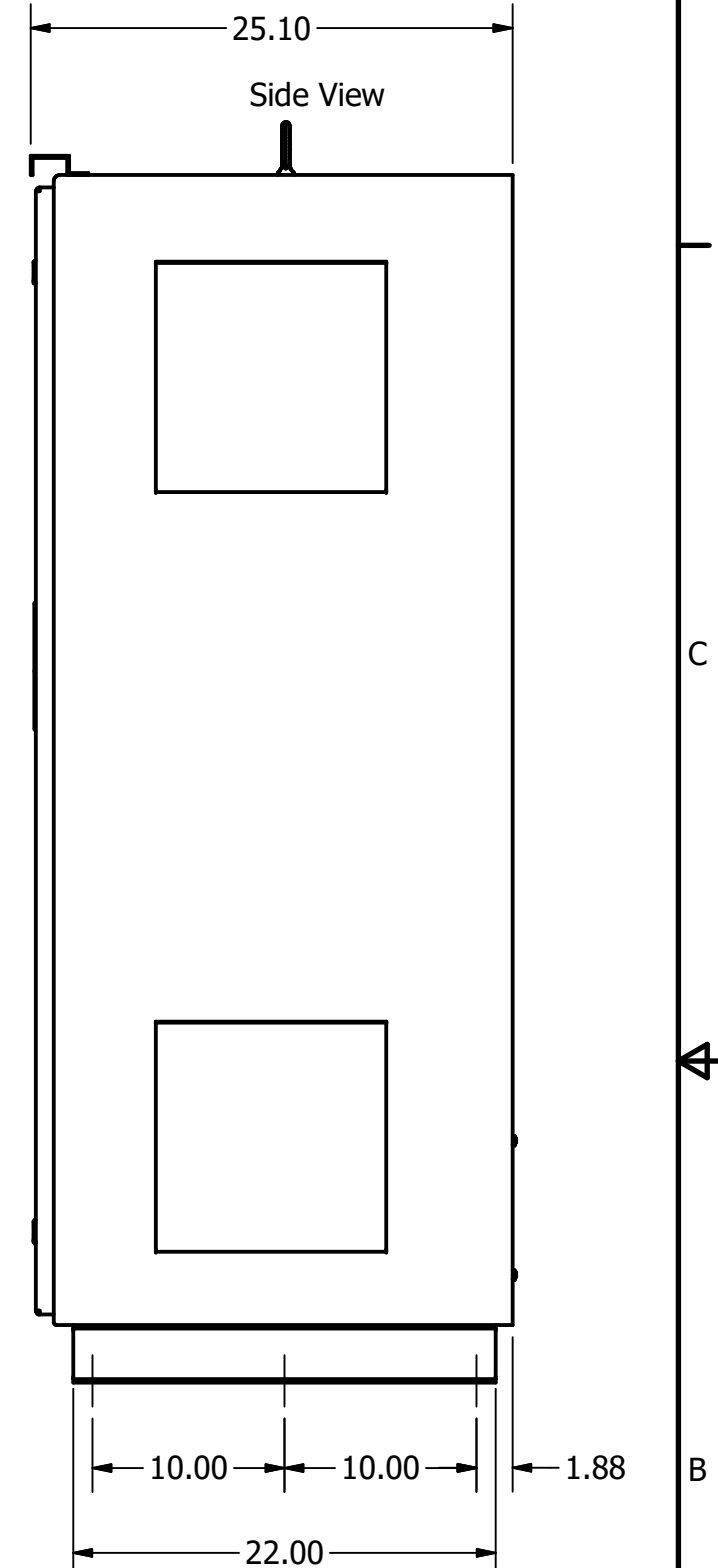
HGL Part Number	Schematic Drawing #	Approx Weight (LBS)	Shop Drawing #
HGL0500AW3S000#	30586-1S	1000	107041-T1
HGL0500AW3C000#	30586-1C	1019	107041-T1
HGL0500AW3C000@	30586-H	1027	107041-T3
HGL0500AW3C*00#	30586-PQ	1022	107041-T11
HGL0500AW3C*00@	30586-PQA	1030	107041-T12



Front View With Door



Front View Without Door



Bottom Of Enclosure

HGL0500AW3-----					
Components	S000#	C000#	C000@	C*00#	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
PQConnect Board				X	X
Heater			x		X

Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

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

Material(s) Shall be RoHS Compliant

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NO	REVISION	DATE	BY	TOLERANCES (EXCEPT AS NOTED)
F	6536 Update Options	01/10/24	JRN	DECIMAL
E	6429-1 Fix Description	10/19/23	JRN	.XX ± .03 .XXX ± .010
D	6429 Add Max Amps	10/04/23	JRN	FRACTIONAL ± 1/32
C	6024 Add PQ Option	08/30/2022	GJS	ANGULAR ± 1°
B	Add PQConnect	2/19/19	DSW	

W132N10611 Grant Drive  
Germantown, WI 53022  
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**TCI**  
An Allied Motion Company

HarmonicGuard Low Capacitance  
HGL, 500HP, 480/3/60, Type 3R

DRN BY: DSW DATE: 6/2/17  
SCALE: 1/8 APRVD: 107041DG  
SIZE: C SHT. 1 OF 1

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