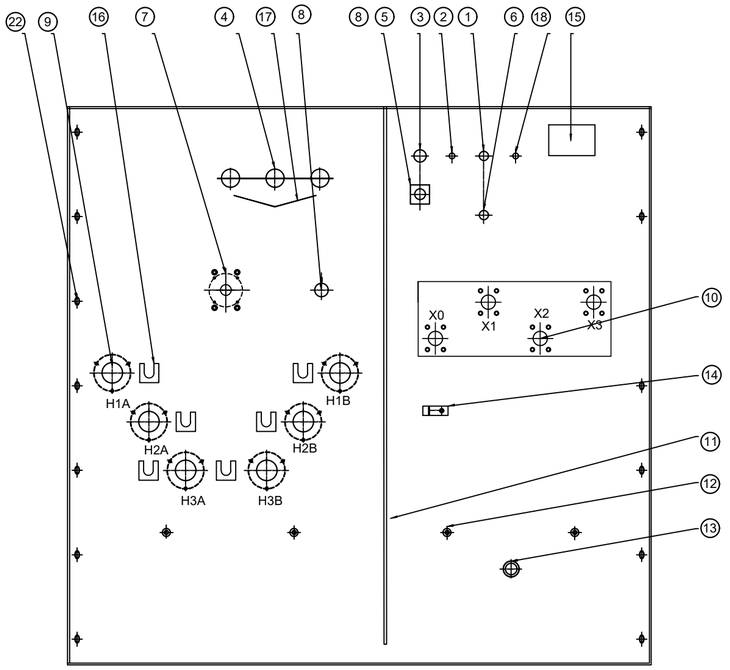
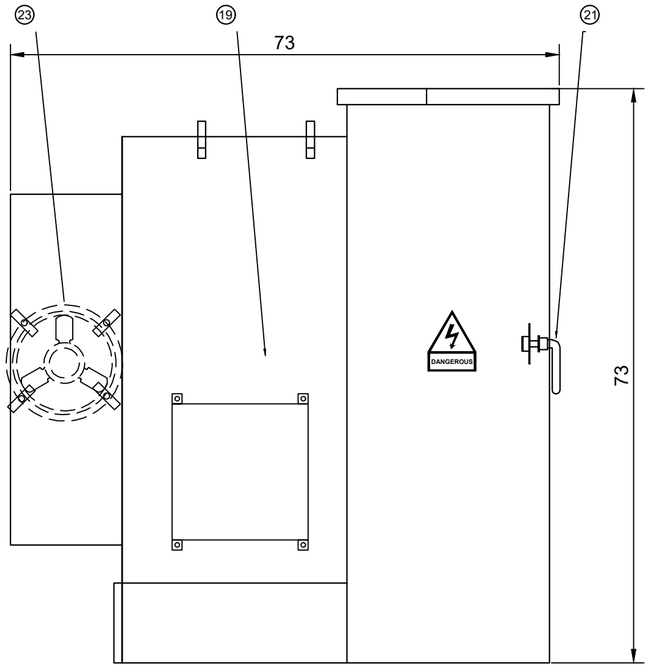
REV	DESCRIPTION	DATE
A	PRODUCT DESCRIPTION	09/2026

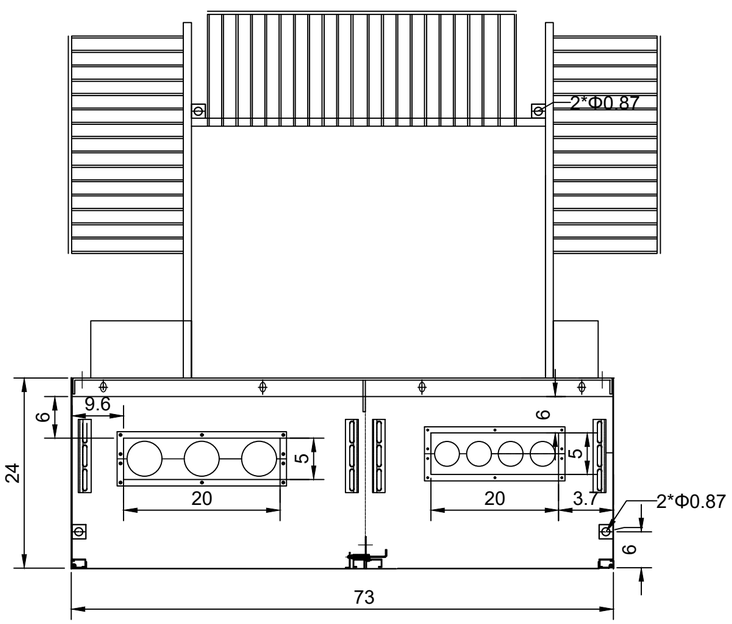
MT-PML-R7-3P-DVP-1.25MVA-YK-LT
-DF-A6-BMP-CS-2B4-M1

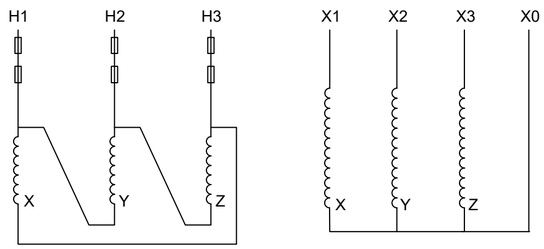
LARSON ELECTRONICS®



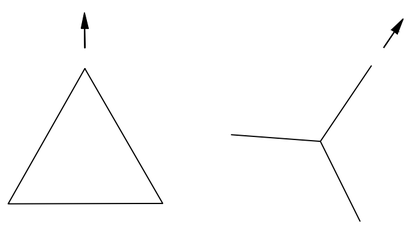


Rated Capacity	Loss(w)		Dimensions(in)			Weight	
	No-load Loss (W)	On-Load Loss	W	D	H	Oil Capacity (gal)	Total Weight (lbs)
1.25 MVA	1300	8500	73	71	73	245	8327





WIRING CONNECTION



PHASOR DIAGRAM

Remark: Dimensions here are in inches. Only for approval/preliminary design.

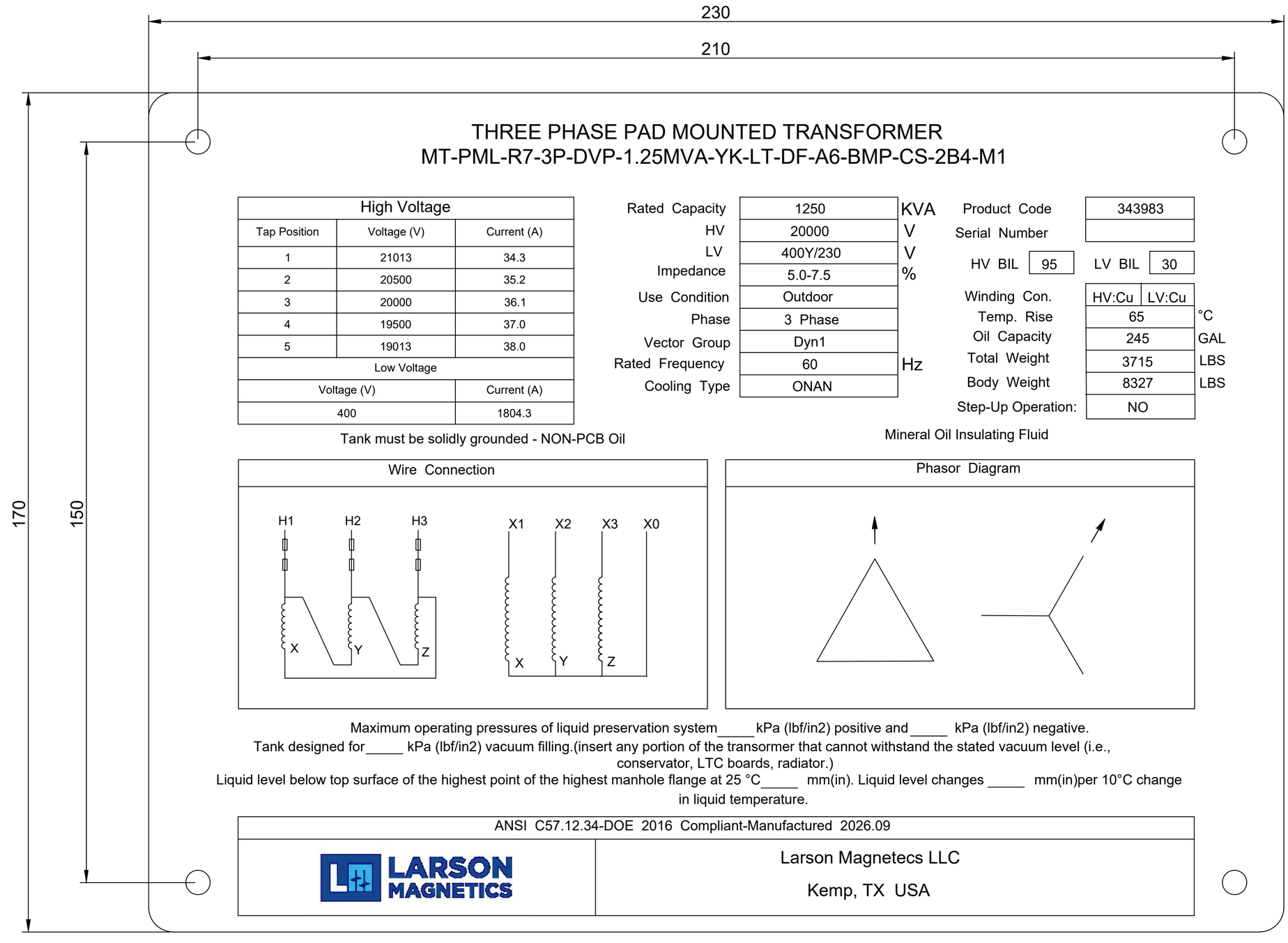
No.	Name	Model	Qty.	Material	Remark
23	fans				provision only
22	SS hinges&pins				
21	padlock	penta-head bolt	1		
20	current limiting fuse		3		
19	insulation oil	Mineral oil			
18	gas sample valve		1		Schrader Valve
17	drip shield		1		
16	parking stand		6		
15	nameplate		1		
14	grounding lug		1		
13	drain valve w/ sampler		1		
12	grounding lug	Ø25*20, M10	4		with copper bar
11	reinforcing rib	8mm steel	1		
10	LV bushing		4		6-hole spade
9	HV bushing	200A bushing	6	load break	with (3) arrester
8	off-circuit tap changer		1		
7	load breaker switch		1		4-position
6	temperature indicator		1		
5	oil indicator		1		
4	Bayonet fuse		3		w/ flapper valve
3	oil fill valve		1		
2	pressure relief valve		1		automatic action
1	pressure indicator		1		

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE
MT-PML-R7-3P-DVP-1.25MVA-YK-LT-DF-A6-BMP-CS-2B4-M1

DRAWN BY	DATE	REV
	09/2026	A
CHECKED BY	SHEET #	DRAWING #
	1 OF 2	101



THREE PHASE PAD MOUNTED TRANSFORMER
MT-PML-R7-3P-DVP-1.25MVA-YK-LT-DF-A6-BMP-CS-2B4-M1

High Voltage		
Tap Position	Voltage (V)	Current (A)
1	21013	34.3
2	20500	35.2
3	20000	36.1
4	19500	37.0
5	19013	38.0
Low Voltage		
Voltage (V)		Current (A)
400		1804.3

Rated Capacity	1250	KVA
HV	20000	V
LV	400Y/230	V
Impedance	5.0-7.5	%
Use Condition	Outdoor	
Phase	3 Phase	
Vector Group	Dyn1	
Rated Frequency	60	Hz
Cooling Type	ONAN	

Product Code	343983		
Serial Number			
HV BIL	95	LV BIL	30
Winding Con.	HV:Cu	LV:Cu	
Temp. Rise	65		°C
Oil Capacity	245		GAL
Total Weight	3715		LBS
Body Weight	8327		LBS
Step-Up Operation:	NO		

Tank must be solidly grounded - NON-PCB Oil

Mineral Oil Insulating Fluid

Wire Connection

Phasor Diagram

Maximum operating pressures of liquid preservation system_____kPa (lbf/in2) positive and _____ kPa (lbf/in2) negative.
Tank designed for_____ kPa (lbf/in2) vacuum filling.(insert any portion of the transormer that cannot withstand the stated vacuum level (i.e., conservator, LTC boards, radiator.)
Liquid level below top surface of the highest point of the highest manhole flange at 25 °C_____ mm(in). Liquid level changes _____ mm(in)per 10°C change in liquid temperature.

ANSI C57.12.34-DOE 2016 Compliant-Manufactured 2026.09

LARSON MAGNETICS

Larson Magnetecs LLC

Kemp, TX USA

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE		
MT-PML-R7-3P-DVP-1.25MVA-YK-LT-DF-A6-BMP-CS-2B4-M1		
DRAWN BY	DATE	REV
	09/2026	A
CHECKED BY	SHEET #	DRAWING #
	2 OF 2	102