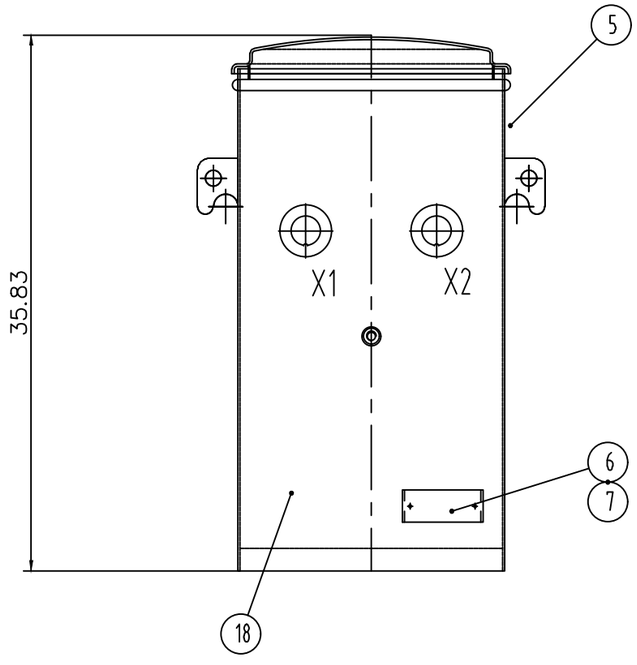
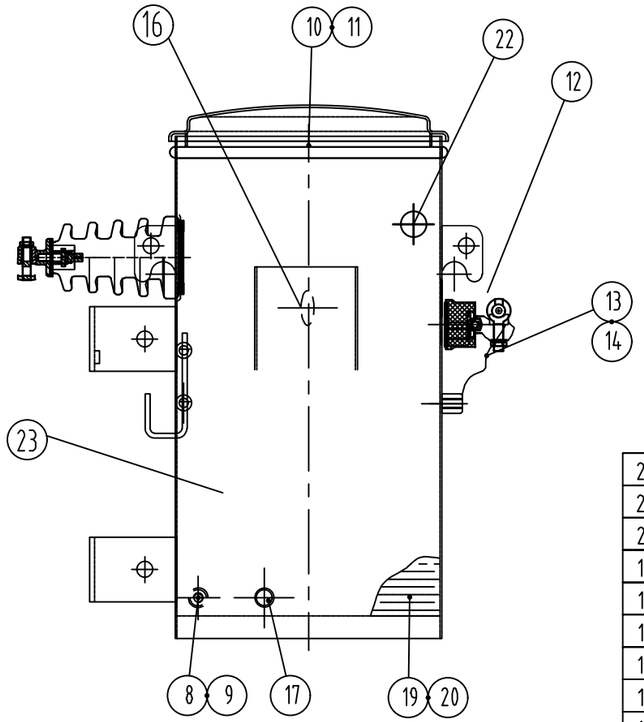
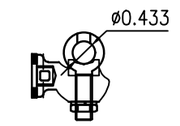
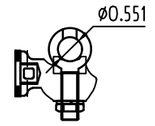


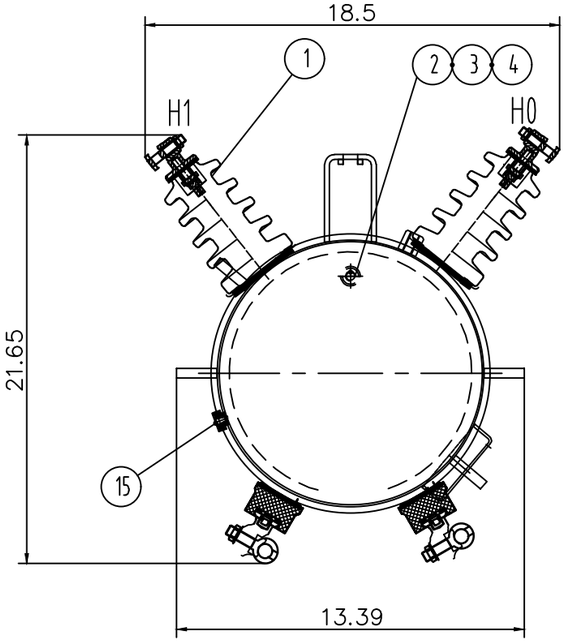




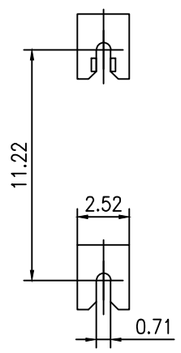
HV terminal



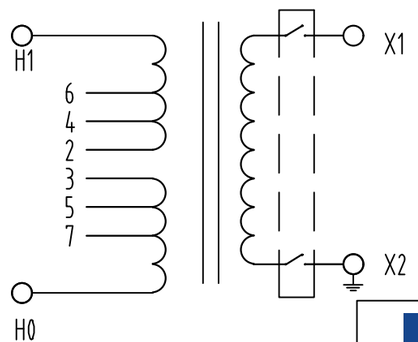
LV terminal



hanger bracket



wiring diagram



No.	Code	Name	QTY	Material	Unit Weight	Total Weight	Remark
23		Painting	1	10bg 6/1 Blue Grey			
22		LV CB	1				with light
20		core&coil	1				
19		insulation oil	(1)	mineral oil			
18		tank	1	coated steel			
17		drain valve	1				
16		tap changer	1				
15		pressure relief device	1				
14		washer 12	2	Stainless steel			
13		bolt M12×25	1	Stainless steel			
12		LV bushing	2				
11		sealing gasket	1				
10		tank cover	1	coated steel			
9		washer 12	2	Stainless steel			
8		bolt M12×30	1	Stainless steel			
7		screw M4X6	2				SS
6		nameplate	1				
5		hold down gear	1				
4		grounded pad	1	0.3 copper			inner tank
3		washer 12	2				black coated
2		bolt M12×20	2				black coated
1		HV bushing	2				

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE

MT-UPM-R7-1P-DNC-10KVA-SW-BB-A3
-BM-CZ-1ZZ-M1

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

90

100

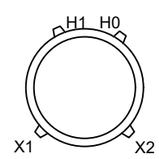
SINGLE PHASE POLE MOUNTED TRANSFORMER
MT-UPM-R7-1P-DNC-10KVA-SW-BB-A3-BM-CZ-1ZZ-M1

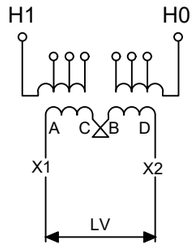
Phase:	1PH	10 KVA	Serial NO.		
Impedance		1.0 - 4.5 %	Product ID	326039	
BIL		60/30 kV	Vol of Oil	5.38	Gal
HV		7200 V	Total Mass	217	LBS
LV		120 V	HV/LV Con.	Copper	
Freq.		100 Hz	Cooling	ONAN	
Phasor		Ii6	Temp.Rise:	65°C	

Tank must be solidly grounded-NON-PCB Mineral Oil
Additive Polarity

HV	Taps	Amps
7565	1/A	1.3
7380	2/B	1.4
7200	3/C	1.4
7020	4/D	1.4
6845	5/E	1.5

LV	Amps
120	83.3





ANSI C57.12.20-DOE 2016 Compliant-Manufactured 2025.10

LARSON MAGNETICS

Larson Magnetics LLC
Kemp, TX USA

LARSON MAGNETICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE		
MT-UPM-R7-1P-DNC-10KVA-SW-BB-A3 -BM-CZ-1ZZ-M1		
DRAWN BY	DATE	REV
		A
CHECKED BY	SHEET #	DRAWING #
	2 OF 2	102