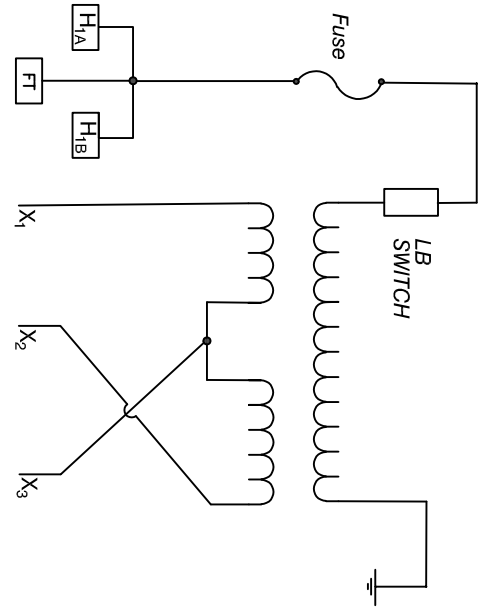
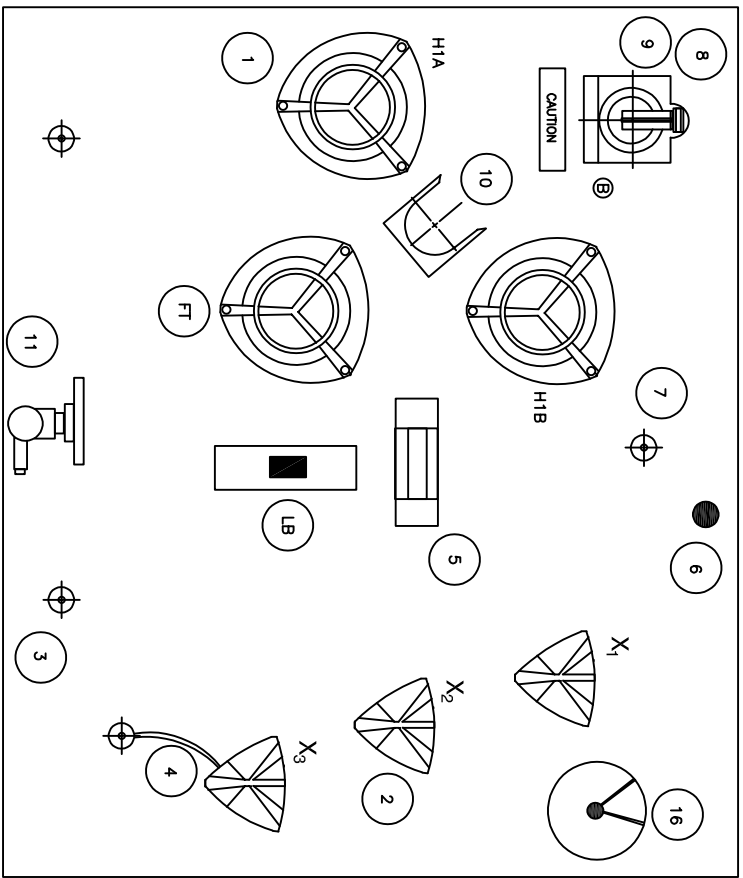


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SCHEMATIC



ITEM	DESCRIPTION
1	200A, 15KV Class Bushing Well (BW150F), with Inserts
2	LV BUSHING
3	GROUND PAD
4	LV GROUND STRAP
5	NAMEPLATE
6	PRESSURE RELIEF VALVE
7	OIL FILL PLUG
8	BAYONET FUSE
9	DRIP SHIELD
10	HV STANDOFF BRACKET
11	DRAIN AND SAMPLE VALVE
16	DIAL TYPE THERMOMETER 150-101-11
LB	BREAKER SWITCH
FT	ADDITIONAL FEED THROUGH WITH BUSHING

TECHNICAL DATA	
RATING	167 KVA
H.V	12.47 KV
L.V	240/120 V
FREQUENCY	60 Hz
VECTOR GROUP	110 AM
WINDING MATERIAL	AL
BIL HIGH VOLTAGE	95 KV
BIL LOW VOLTAGE	30 KV
COOLING CLASS	ONAN
EFFICIENCY	99.19 %
NO LOAD LOSS	240 W
LOAD LOSS	1450 W
IMPEDANCE	PER IEEE
COLOR	MUNSELL 7GY3.29/1.5

X₁ - X₂ = 240V
 X₁ - X₃ = 120V
 X₂ - X₃ = 120V

REVISION HISTORY			
REV	ECH	DESCRIPTION	SIGN & DATE
B		UPDATED SCHEMATIC DIAGRAM - ADDED HV SW	TN 09/06/24 JL 09/06/24
C	100824	UPDATED SPEC., REVISED DESCRIPTION & P/N	TN 10/09/24 JL 10/09/24

UNLESS OTHERWISE SPECIFIED		AUTOCAD	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND (MILLIMETERS)	DRWN	TN	DATE
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	JM		09/03/24
TOLERANCE INCHES: .XX=±.020	ENGR	JL	09/03/24
TOLERANCE METRICS: .X=±.030	APPR	JL	09/03/24
.XXX=±.024 .XX=±.031			
ANGLE PROJECTION			
DO NOT SCALE DRAWING			

www.coliws.com		Coil Winding Specialist, Inc.	
sales@coliws.com		353 W GROVE AVE ORANGE, CA 92665	
TITLE: Single-Phase Loop Distribution Padmount Transformer			
SIZE	DWG. NO.	CWS-167KVA1PH-PM	REV C
SCALE	NOT TO SCALE	SHEET 1 OF 1	