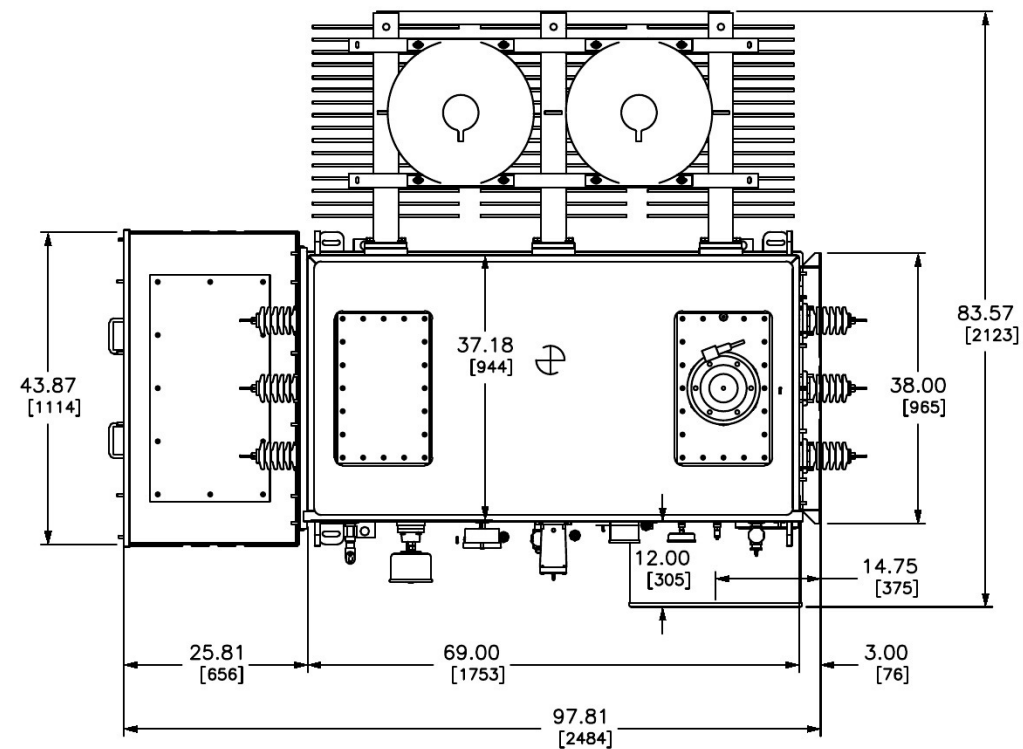
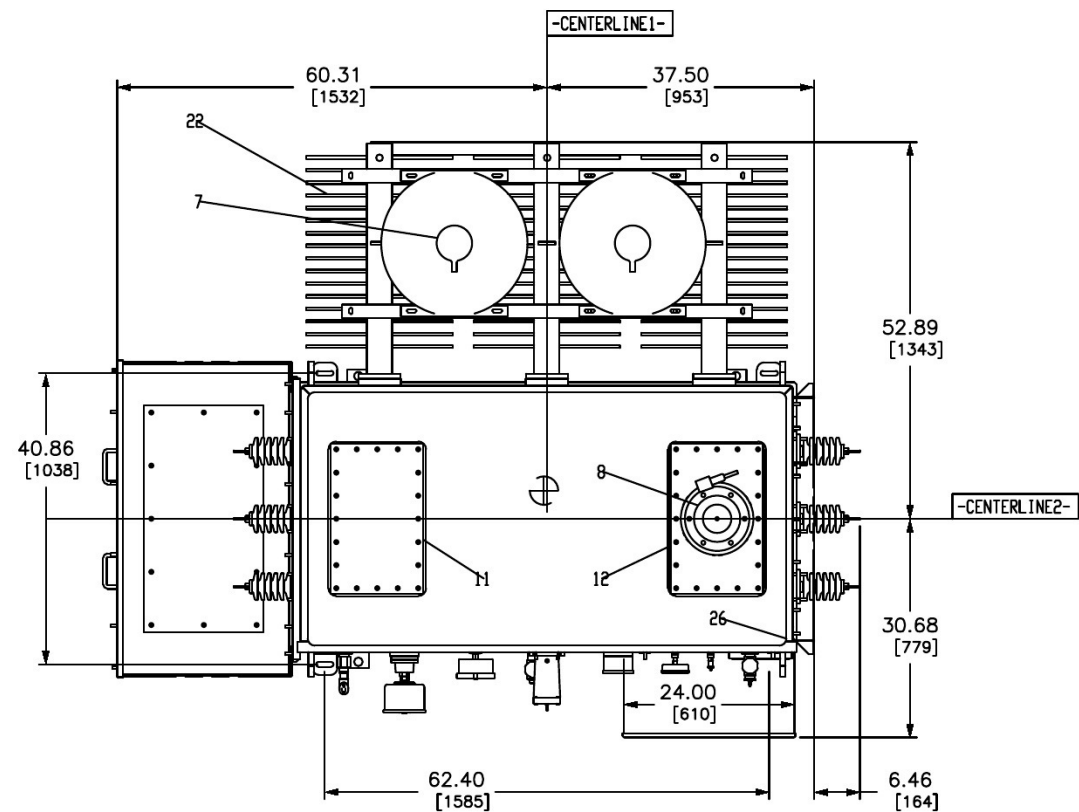


REV	DESCRIPTION	BY	DATE																	
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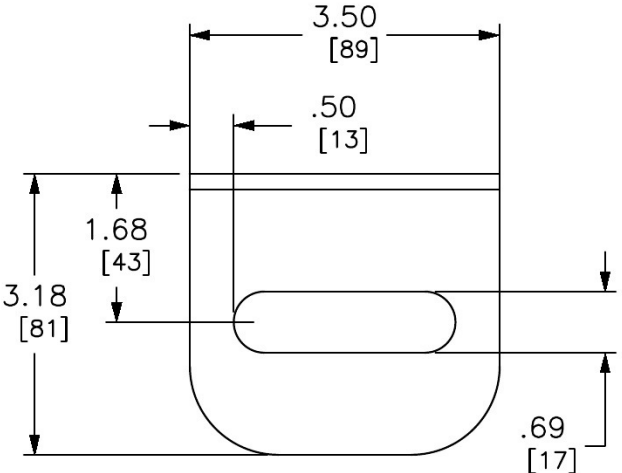


GENERAL NOTES

POWER SYSTEM DATA:
2000 / 2240 / 2300 / 2576 KVA 13800 PRIMARY 4160 SECONDARY
3 PHASE 60 HERTZ CLASS KNAN/KNAP
ENCLOSURE DATA:
GENERAL PURPOSE: OUTDOOR
FINISH: ASA-61 GRAY 8.3G 6.1/0.54
ESTIMATED SHIPPING WEIGHTS:

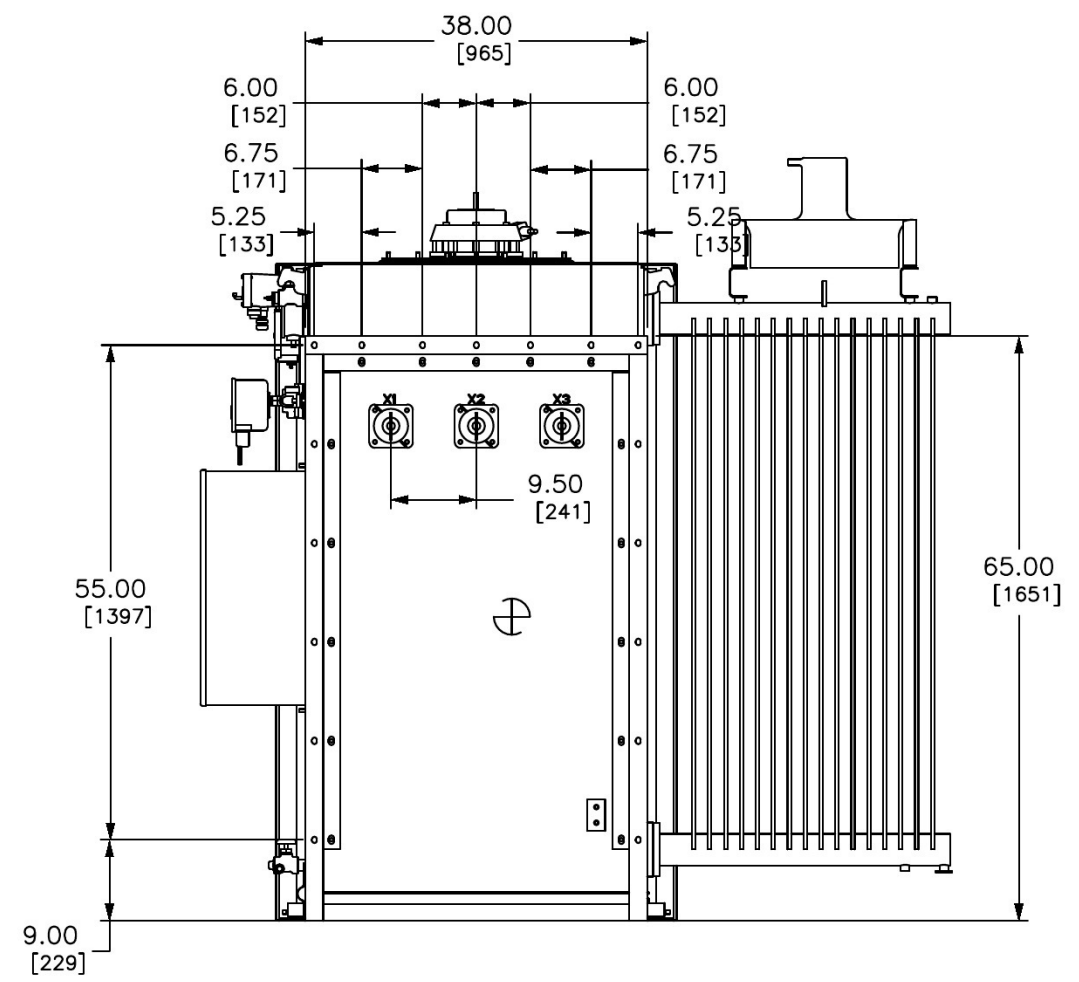
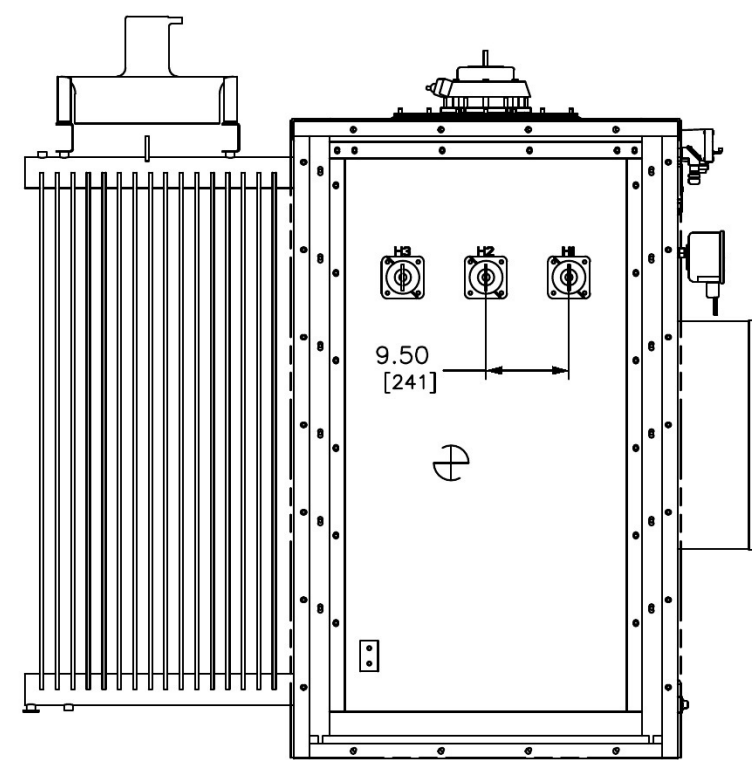
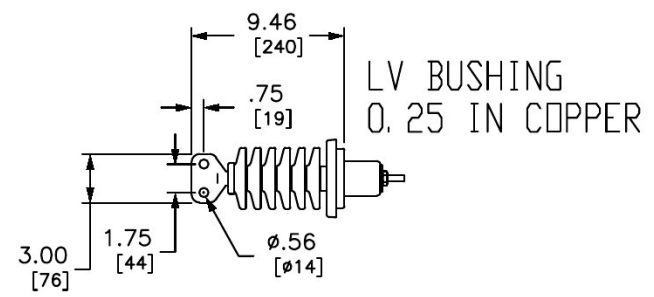
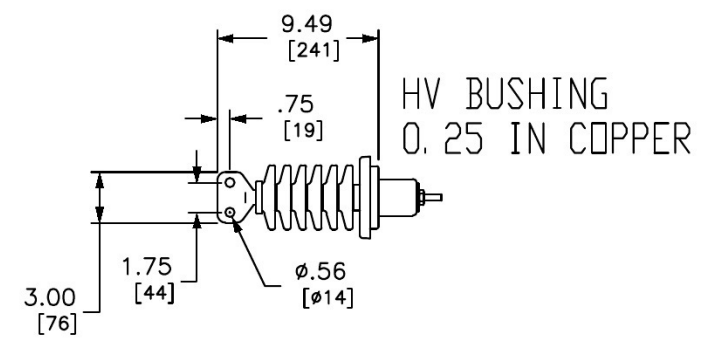
CORES AND COILS	5399 LB	2449 KG
OIL	4905 LB	2225 KG
CASE	4488 LB	2036 KG
TOTAL	14792 LB	6710 KG

KVA 2000 / 2240 / 2300 / 2576
PRIMARY VOLTAGE 13800
BASIC IMPULSE LEVEL (KV) 95
PRIMARY VOLTAGE CONNECTION DELTA
PRIMARY CONDUCTORS Copper
SECONDARY VOLTAGE 4160
BASIC IMPULSE LEVEL (KV) 60
SECONDARY VOLTAGE CONNECTION DELTA
SECONDARY CONDUCTORS Copper
TAPS +/-2 AT 2.5%
IMPEDANCE 5.75% ± 7.5% (ANSI TOLERANCE)
TEMPERATURE RISE 55 / 65
FLUID TYPE LESS FLAMMABLE SEED OIL
GALLONS 639

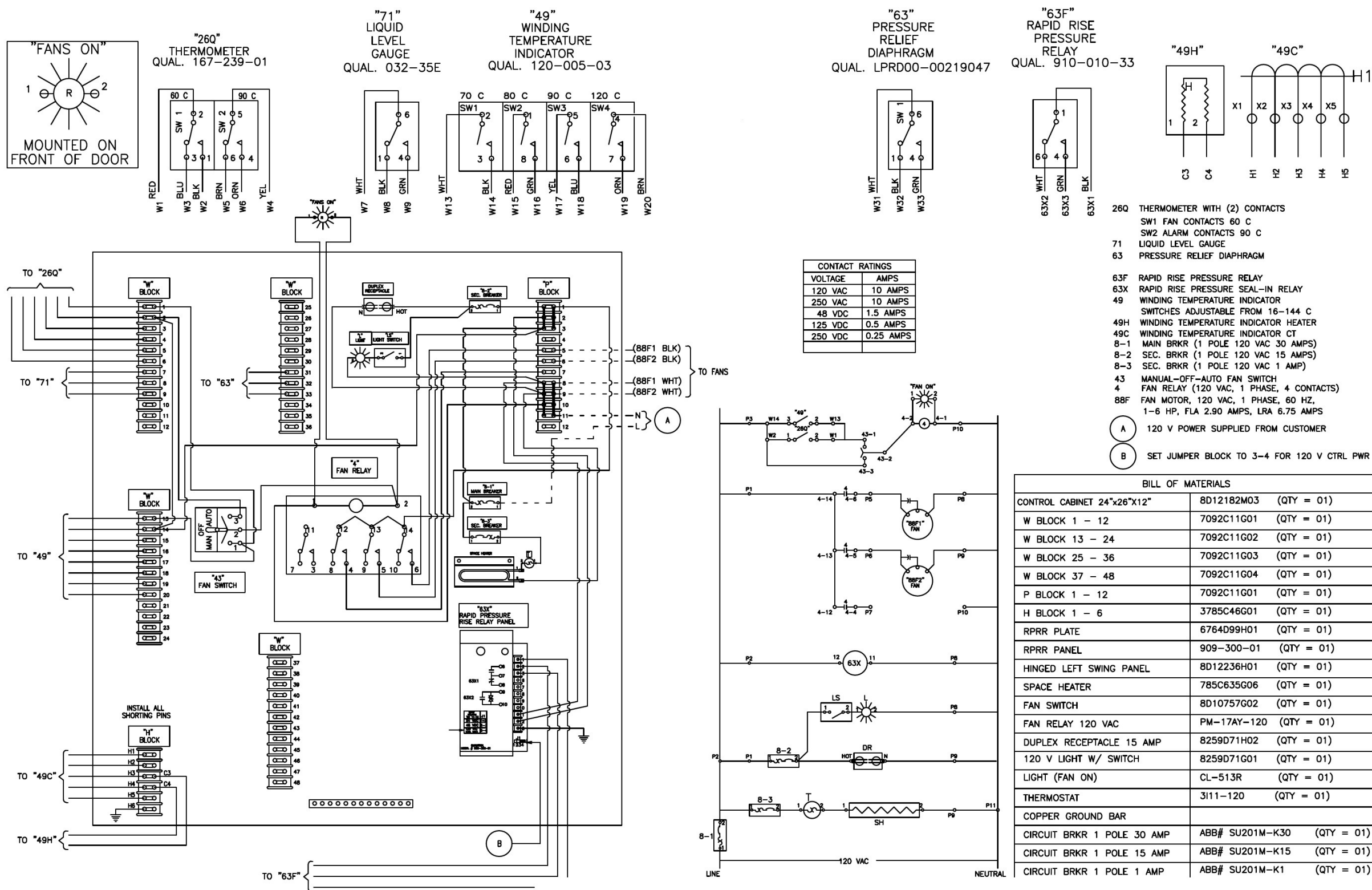


DUAL DIMENSIONS: INCHES

REV	DESCRIPTION	BY	DATE																	
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REV	DESCRIPTION	BY	DATE	-	----	--	--/--/--	-	----	--	--/--/--
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[illegible]

REV	DESCRIPTION	BY	DATE	-	----	--	--/--/--	-	----	--	--/--/--
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PAINTED STAINLESS STEEL

SQUARE D

Schneider Electric

MADE IN USA

CLASS KNAN/KNAF 60 HERTZ
THREE PHASE UNIT SUBSTATION TRANSFORMER

KVA 2000 / 2240 / 2300 / 2576		AT CONTINUOUS RISE 55 / 65 °C		% IMPEDANCE 5.75	SERIAL 45036459-017-01		
HIGH VOLTAGE 13800		HV BIL KV 95		HV MTL CU	MFG DATE MMM-YY	GALLONS OIL 639	
LOW VOLTAGE 4160		AMPS AT MAX KVA 358	LV BIL KV 60	LV MTL CU	TAP CHANGER RATINGS		
THE 25 C LIQUID LEVEL IS 6 INCHES BELOW TOP OF HIGHEST MANHOLE FLANGE. LIQUID LEVEL 0.44 INCHES FOR EACH 10 C CHANGE IN AVERAGE LIQUID TEMPERATURE. MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM: 7 PSI POSITIVE 7 PSI NEGATIVE. TANK DESIGNED FOR 15 PSI VACUUM FILLING. INSULATING LIQUID: CONTAINS LESS FLAMMABLE BIO-DEGRADABLE FLUID WITH NO DETECTABLE LEVEL OF PCB, LESS THAN 1 PPM, AT THE TIME OF MANUFACTURE CAUTION: 1. BEFORE OPERATING READ INSTRUCTION BOOK 43500-054-04R1. 2. TANK MUST BE SOLIDLY GROUNDED.		APPROXIMATE WEIGHTS IN POUNDS		TAP	VOLTAGE	AMPS AT MAX KVA	CONNECTS
		CORE & COILS	5399	1	14490	103	1 TO 2
		OIL	4905	2	14150	105	2 TO 3
		CASE	4488	3	13800	108	3 TO 4
		TOTAL	14792	4	13460	111	4 TO 5
		5	13110	113	5 TO 6		

H2

H1

H3

X2

X1

X3

PHASOR DIAGRAMS

SUITABLE FOR OPERATION AT OR BELOW 3300 FT. ALTITUDE AT NAMEPLATE RATING

F5EX219JYY

45036459-017-01 1LUJ

UL

LISTED

LIQUID-FILLED DISTRIBUTION TRANSFORMER

16ER FILE NO. E232617

LOW VOLTAGE

7 8

5 3 1 2 4 6

7 8

5 3 1 2 4 6

7 8

5 3 1 2 4 6

H3

H2

H1

X3

X2

X1

HIGH VOLTAGE

DRAIN VALVE SIDE

TESTED IMPEDANCE, MFG. , DATE, AND SERIAL NUMBER WILL BE STAMPED ON NAMEPLATE AFTER FINAL TEST