



NSV ENERGY LLC , www.nsvenergy.com
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One (1) Unused ABB generator step-up transformer, oil filled outdoor substation type, Serial number: AS41899, class ONAN, three phase 60 hz. 65 °C rise, imp: 6.13%

7500 KVA, year built: 2014, YND1

High voltage: 24940Y/14400 Bil 150 kv

Low voltage: 13800 v D, Bil 110 kv

Taps: 26190-25560-24940-24320-23690

Core and coils 21,025 lbs.

Case 9,045 lbs.

Liquid (1388 gals) 10,406 lbs.

Total 40,476 lbs.

Approximate shipping size: 142" L x 108" W x 116" H





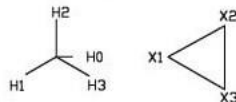
ABB

SMALL POWER TRANSFORMERS SOUTH BOSTON, VA.

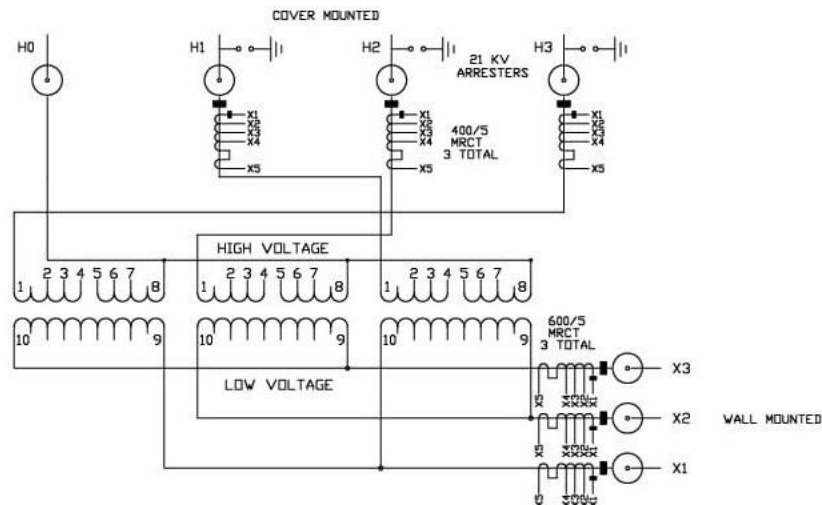


VOLTS		THREE PHASE OIL INSULATED UNIT SUBSTATION TRANSFORMER CLASS ONAN INSULATED INSULATION	FULL LOAD KVA 7500 ONAN	
HV	24940Y/14400		65 °C RISE	
LV	13800		GALLONS LIQUID 1388	
60 HERTZ				
INSTRUCTION BOOK	PC-1002	MFR ID	1LUS	SERIAL AS41899-####
		MANUFACTURE DATE		##/##
FULL WAVE IMPULSE TEST LEVEL: H.V. 150 KV., L.V. 110 KV.				
IMPEDANCE IMP_VAL1 % AT 7500 KVA 24940 TO 13800 VOLTS.				
APPROX. WEIGHT IN LBS. CORE AND COILS		21025	CASE 9045	LIQUID 10406
MADE IN U.S.A.		ABB INC.		TOTAL 40476
				1LUSAS41899N1

YND1



CONNECTIONS				
WINDING	VOLTS	7500 KVA AMPERES	TAP CHANGER	
			POS.	CONNECTS
HIGH VOLTAGE WYE COPPER	26190	165.3	1	4 TO 5
	25560	169.4	2	3 TO 5
	24940	173.6	3	3 TO 6
	24320	178.1	4	2 TO 6
	23690	182.8	5	2 TO 7
LOW VOLTAGE DELTA COPPER	13800	313.8		



MFR. ID	SHOI
1LUS	AS
MFR. ID	DRA
1LUS	AS

DESIGNED FOR GENERATOR STEP-UP SERVICE.
THIS TRANSFORMER WILL CARRY 9375 KVA WITHOUT EXCEEDING 65°C AVERAGE TEMPERATURE RISE WHEN ADEQUATE COOLING EQUIPMENT IS ADDED.
THE OPERATING PRESSURE IS LIMITED BY THE SEALED-AIR FLUID PRESERVATION SYSTEM, UNLESS REMOVED TO 6.5 LBS. PER SQUARE INCH POSITIVE AND 6.5 LBS. PER SQUARE INCH NEGATIVE.
THE TRANSFORMER TANK IS DESIGNED TO WITHSTAND A POSITIVE OR NEGATIVE PRESSURE OF 15 LBS. PER SQUARE INCH.
THE 25°C LIQUID LEVEL IS 11.87 INCHES BELOW HIGHEST MANHOLE FLANGE.
LIQUID LEVEL CHANGES .55 INCH FOR EACH 10°C CHANGE IN AVERAGE LIQUID TEMPERATURE.
THE TRANSFORMER MUST NOT BE ENERGIZED FROM ANY VOLTAGE SOURCE WHEN TAP CHANGER IS OPERATED.
SUITABLE FOR OPERATION AT OR BELOW 3300 FEET ALTITUDE AT NAMEPLATE RATING.
AT THE TIME OF SHIPMENT THIS UNIT CONTAINED LESS THAN 1 PPM OF PCBs.