



One (1) Unused ABB transformer, Silicon filled outdoor substation type, Serial number: HB34150-001, class KNAN/KNAF, three phase 60 hz. 55/65 °C rise, imp: 5.6%, Manufactured 03/2011
7500/8400/9375/10500 KVA, DYN1, copper wound

High voltage: 13800 v delta Bil 95 kv

Low voltage: 2400 y/1386, Bil: 60 kv

Taps: 14490-14150-13800-13460-13110

Core and coils 17,399 lbs.

Case 9,211 lbs.

Liquid 10,400 lbs.

Total 37,010 lbs.






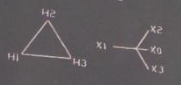


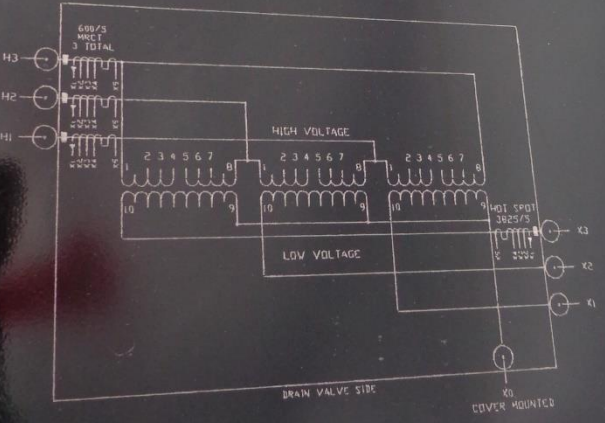
ABB SMALL POWER TRANSFORMERS
 SOUTH BOSTON, VA.

TECHNICAL SERVICES
 TEL 877-777-9367

VOLTS		THREE PHASE SILICONE FLUID INSULATED UNIT SUBSTATION TRANSFORMER CLASS: KNAN/KNAF INSULATION	FULL LOAD KVA				
HV	13800-		7500/8400	KNAN			
LV	2400Y/1386	9375/10500	KNAF				
60 HERTZ		55765	T. RISE				
INSTRUCTION BOOK	PC-1002	REF ID	ILUS	SERIAL	HB34150-001	MANUFACTURE DATE	03/2011
FULL WAVE IMPULSE TEST LEVEL: HV		95	KV. LV		60	KV	
IMPEDANCE	5.60	AT 7500 KVA 13800 TO 2400Y VOLTS					
APPROX WEIGHT IN LBS CORE AND COILS MADE IN U.S.A.	17399	CASE	9211	ABB INC.	LITUID	10400	TOTAL
DYN1						03354342000	

CONNECTIONS					
VIN/VIN0	VOLTS	10000 KVA AMPERES	PHS	IMP	IMP CONNECT
HIGH VOLTAGE	14150	418.4	1	1	1 TO 5
2400Y COPPER	13800	428.4	2	2	2 TO 6
	13450	437.4	3	3	3 TO 6
	13100	446.4	4	4	4 TO 6
LOW VOLTAGE	2400	2526.0	5	5	5 TO 7





DRAIN VALVE SIDE COVER MOUNTED

THE OPERATING PRESSURE IS LIMITED BY THE SEALANT/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 BASIC LIQUID LEVEL IS 13.62 INCHES BELOW HIGHEST MANHOLE FLANGE. LIQUID LEVEL CHANGES .93 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 PCB'S.

1022A83

INSTALL, OR ACTION BOOK

ENTERING EFFICIENT

PERMANENT TIGHT BOLTS

NO ENERGY OPERATED.

PERMANENT

ENHANCE.

DIFFERENT FORMERS OPTICAL SHORT