

TRANSFORMER DATA SHEET

DATE : 10/13/2017
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES 80
 MANUFACTURER : Northeast Transformer
 TRANSFORMER TYPE : Pad Mount CLASS : ONAN
 S/N : NET6209051017

THREE PHASE ☒ SINGLE PHASE ☐ : 60 HERTZ
 VOLTAGE RATING: 4160GRDY/2400x13200GRDY/7620-208Y/120
 KVA RATING: 500 Continuous, Self Cooled
 Continuous, Forced Air

LV WINDING: ALUMINUM
 HV WINDING: ALUMINUM
 LV: 65°C rise, BIL: 30 kV
 HV: 65°C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	150
Weight in Pounds	5283

Impedance volts : 2.4 % at rated volts at : 500 KVA

MEGGER TEST RESULTS

TRANSFORMER TEST DATA

	1 Minute				POLARIZATION INDEX	CAPACITANCE
High-> Ground		M-Ohms, @	5	kV DC		micro-farad
Low -> Ground		M-Ohms, @	1	kV DC		micro-farad
High-> Low		M-Ohms, @	1	kV DC		micro-farad

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3

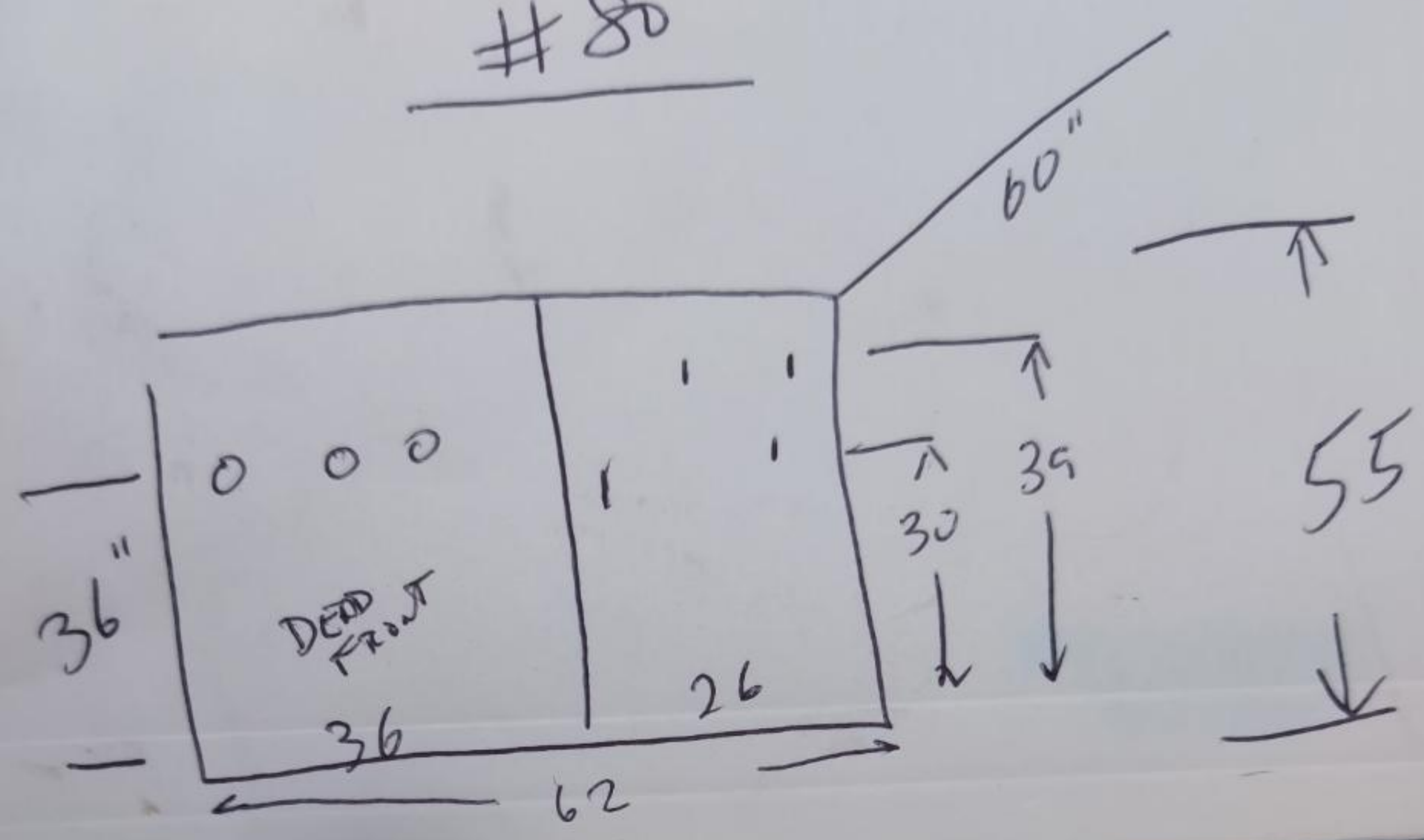
COMMENTS

Dual voltage switch.
 Tag 11443

← 56

← 40-40

#80



NETS NORTHEAST TRANSFORMER SERVICES

3 PHASE TRANSFORMER		CLASS ONAN	60 HZ	65°C RISE
KVA	500	SERIAL	NET6209051017	
HV	4160GRDY/2400 X	HV BIL	95 KV	HV Conductor AL
	13200GRDY/7620			
LV	208Y/120	LV BIL	30 KV	LV Conductor AL

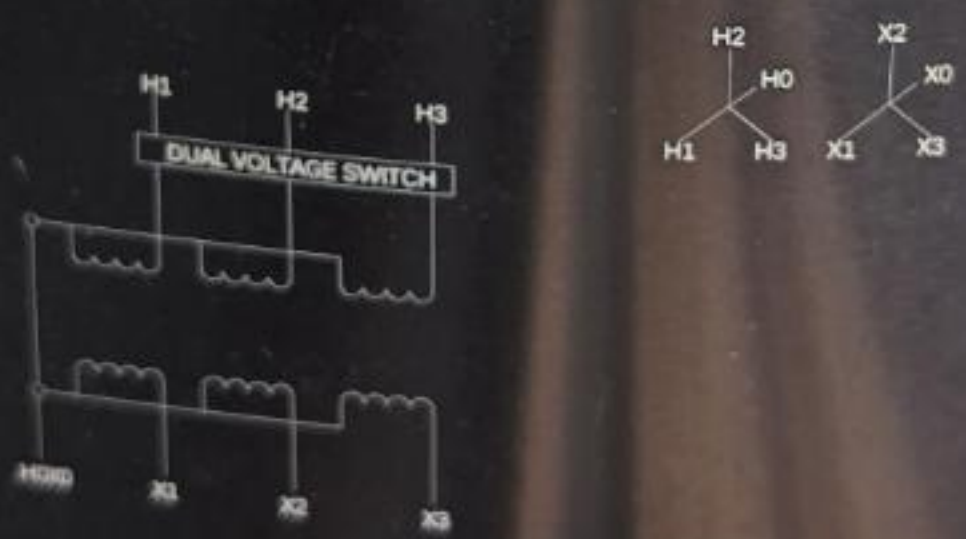
% Imp. At 85°C	2.4	Oil (Gallons)	150	Weight (lbs)	5283
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Contained <1 PPM
of PCBs At Time Of
Manufacture

DUAL VOLTAGE SWITCH

POS.	RATED VOLTS
1 A	4160
2 B	13200

SUBTRACTIVE
POLARITY



Prohib. NY, U.S.A.

H0X0

X1

X3



X2

H0X0

NON-PCB
- MINERAL OIL -
WHEN MANUFACTURED
CONTAINED LESS THAN
1 PPM PCB

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2.4

7.6

CAUTION: DO NOT
TRANSFORMER
BEFORE OPERATING
DUAL VOLTAGE SW

H1

H2

H3