



SQUARE D COMPANY

TRANSFORMER

78

SERIAL NO. 980120-A1 CLASS 0A
THREE-PHASE 60 HERTZ

KVA RATING (CONTINUOUS) 1100

HV VOLTS 13800

LV VOLTS 480Y/277

IMPEDANCE: 5.29% AT 1100 KVA

MFG. DATE 5/98

65 C RISE

HV WINDING CONNECTIONS

VOLTS H1-H2-H3	1100 KVA AMPS	TAP	CONNECTS
14490	43.8	A	1 TO 2
14145	44.9	B	2 TO 3
13800	46.0	C	3 TO 4
13455	47.2	D	4 TO 5
13110	48.4	E	5 TO 6
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CAUTION:
DE-ENERGIZE TRANSFORMER
BEFORE CHANGING TAPS

WINDING MATERIAL

HV	CU
LV	CU

LV WINDING CONNECTIONS

VOLTS X1-X2-X3	AMPS 1100 KVA
480	1323.1

BIL LEVELS

HV WINDING	95 KV
HV NEUTRAL	--- KV
HV NEUTRAL BUSHING	--- KV
LV WINDING	30 KV

READ INSTRUCTION MANUAL
43500-054-04

BEFORE INSTALLATION OR OPERATION

LIQUID TYPE OIL CONTAINS LESS THAN 1 PPM OF PCB
LIQUID AT TIME OF MANUFACTURE. LIQUID LEVEL BELOW TOP OF
MANHOLE FLANGE AT 25° C IS 9.5 INCHES. LIQUID LEVEL
CHANGES 0.49 INCH PER 10° C CHANGE IN LIQUID TEMPERATURE.
MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM
10 PSI POSITIVE AND 8 PSI NEGATIVE. TANK SUITABLE
FOR 7 PSI VACUUM FILLING.

APPROXIMATE WEIGHTS IN POUNDS

435 GALS. LIQ.	3265 LBS	TANK & FITTINGS	2750 LBS
CORE & COILS	3780 LBS	TOTAL	9795 LBS

THIS TRANSFORMER IS SUITABLE FOR OPERATION AT
RATED KVA WITH A HARMONIC LOAD FACTOR OF 13.

