

PACIFIC INDUSTRIAL ELECTRIC
INVENTORY

DATE: February 12, 2014

LOCATION: _____ ITEM INV. # 223 PIE ITEM # _____

DESCRIPTION: TRANSFORMER, DRY

MFG. NAME: Schaffner MTC (Magnetic Technologies) CATALOG NO.: _____

MODEL# custom 4160/12kv SERIAL #: 1312D792-1

SPECIFICATIONS / INFORMATION

VOLTS:	<u>4160 x 12kv 208Y/120</u>	NEMA TYPE:	<u>3R</u>
AMPS:	<u>-</u>	FUSEABLE:	<u>N/A</u>
PHASE:	<u>3</u>	FUSE TYPE:	<u>N/A</u>
Hz:	<u>60</u>	HEIGHT:	<u>72"</u>
POLES:	<u>-</u>	LENGTH:	<u>59" (+ 8.5" 3R)</u>
NEUTRAL TYPE:	<u>-</u>	WIDTH:	<u>57"</u>
KVA:	<u>500</u>	WEIGHT:	<u>3600</u>
PRIMARY:	<u>4160 x 12kv</u>	KIRK KEY:	<u>NO</u>
SECONDARY:	<u>208Y/120</u>	NEW:	<u>NO</u>
k AIC:	<u>95 / 30</u>	PHOTO FILE:	<u>YES</u>

NOTES:

DUAL VOLTAGE 4160 & 12,000. Only 3 of this type were made by MFG. - all for Camp Pendelton

TRANSFORMER NAME PLATE DATA

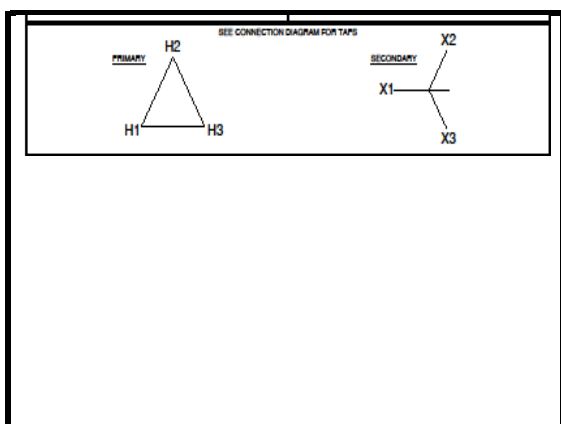
MANUFACTURE'S ADDRESS:

NAME: Schaffner MTC (Magnetic Technologies)
STREET 1: 823 Fairview Road
STREET 2: _____
CITY: Wytheville
STATE: Virginia
ZIP: 24382

PHONE #: 276-228-7943
FAX #: 276-228-7953

D.O.M. <u>Sep-91</u>	COOLING CLASS: <u>AA</u>
OIL FILLED: <u>NO</u>	CATALOG #: <u>0</u>
GAL. CAP. : <u>N/A</u>	INSULATION SYS.: _____
SHIELDING: _____	RISE: <u>150*</u>
DELTA / WYE: <u>YES</u>	LIVE FRONT: <u>YES</u>

NOTES: 5.6 % IMPEDENCE



CONN.TAPS	VOLTAGE
See Drawings in file	

INVENTORY REMOVAL DATE: _____

PURPOSE: _____

III SCHAFNERMTC
transformers

CONNECTION DIAGRAM - 12000V SERIES CONNECTION

COIL C

COIL B

COIL A

ALL CONNECTIONS AS SHOWN BELOW MUST PHYSICALLY MATCH THE DIAGRAM ABOVE. MAKE NO OTHER CONNECTIONS.

REFERENCE CONNECTION DIAGRAM DRAWING D-792A, SHEET 1 OF 2

VOLTAGE	SERIES CONNECTION	TAP CONNECTIONS		
		TOP SECTION	CENTER SECTION	BOTTOM SECTION
12600	7-8, 7-8	1-2	4-5	1-2
12300	7-8, 7-8	2-3	3-4	2-3
12000	7-8, 7-8	3-4	2-3	3-4
11700	7-8, 7-8	4-5	4-5	4-5
11400	7-8, 7-8	5-6	5-6	5-6

CAUTION: DE-ENERGIZE TRANSFORMER BEFORE CHANGING TAPS



III SCHAFNERMTC
transformers

CONNECTION DIAGRAM - 4160V PARALLEL CONNECTION

COIL C

COIL B

COIL A

ALL CONNECTIONS AS SHOWN BELOW MUST PHYSICALLY MATCH THE DIAGRAM ABOVE. MAKE NO OTHER CONNECTIONS.

REFERENCE CONNECTION DIAGRAM DRAWING D-792A, SHEET 2 OF 2

VOLTAGE	SERIES CONNECTION	TAP CONNECTIONS		
		TOP SECTION	CENTER SECTION	BOTTOM SECTION
4368	7-7-7, 8-8-8	1-2	1-2	1-2
4160	7-7-7, 8-8-8	2-3	2-3	2-3
3952	7-7-7, 8-8-8	3-4	3-4	3-4

CAUTION: DE-ENERGIZE TRANSFORMER BEFORE CHANGING TAPS