



3 PHASE PADMOUNTED TRANSFORMER CLASS ONAN
65°C RISE 60 HERTZ MFG DATE SER

KVA 500

IMPEDANCE @ 85°C
RATED VOLTS %

HV 4160GrdY/2400X12470GrdY/7200

ORDER NUM RDU514

LV 480Y/277

BIL HV 95

BIL LV 30

MAT HV Al

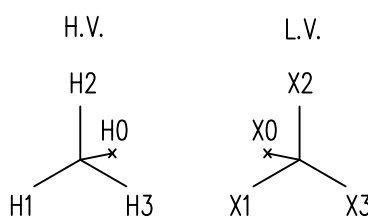
MAT LV Al

GALLONS OF OIL TYPE I	224
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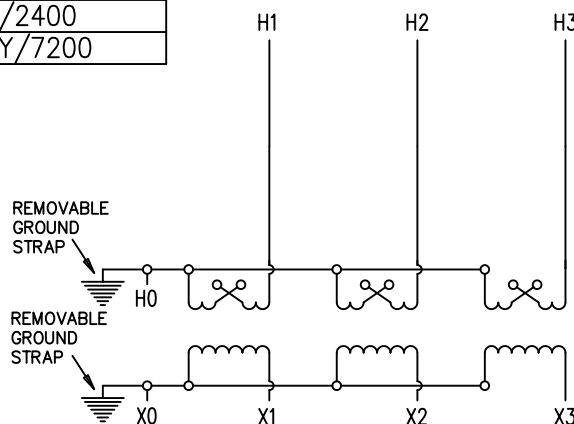
MASS	kg	pounds
CORE & COIL UNTANKING (HEAVIEST PIECE)	977	2153
TANK	599	1320
LIQUID OIL TYPE I	762	1679
TOTAL WT	2338	5152

DV SWITCH POSITION	
1	4160GrdY/2400
2	12470GrdY/7200

TAP CHANGER	
TAP POS	VOLTAGE
1/A	13804
2/B	13198
3/C	12869
4/D	12470
5/E	12003



PHASOR DIAGRAM



CONNECTION DIAGRAM

DOE 10 CFR PART 431 10/12/07 COMPLIANT
PERCENT IMPEDANCE STATED ABOVE AT RATED VOLTS AT 500 KVA
CAUTION BEFORE OPERATING READ INSTRUCTION GEI-79025M

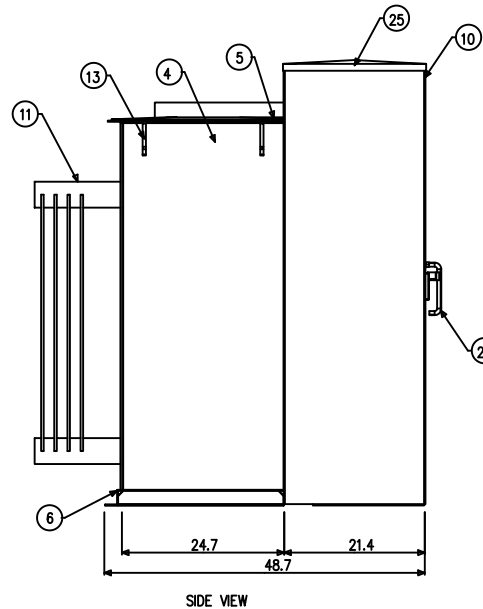
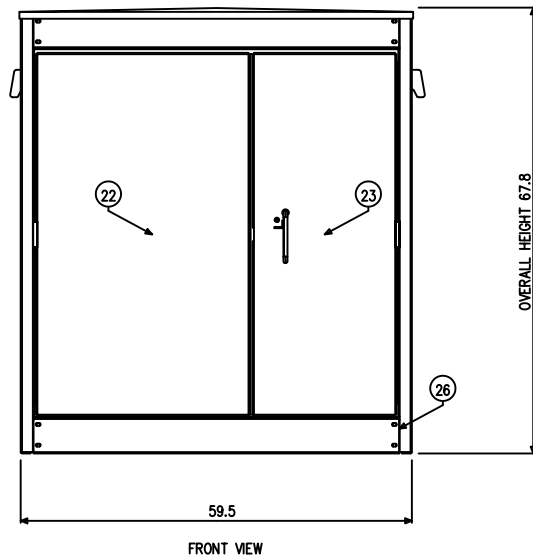
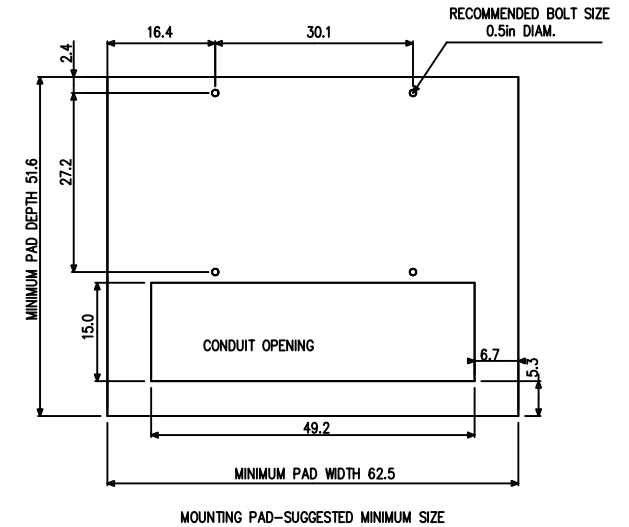
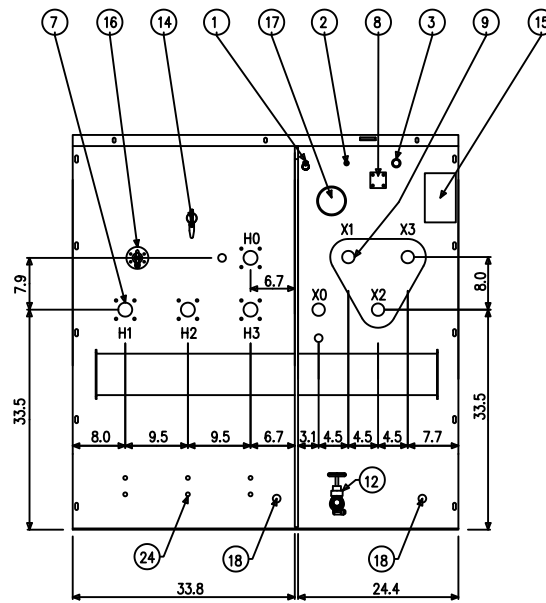
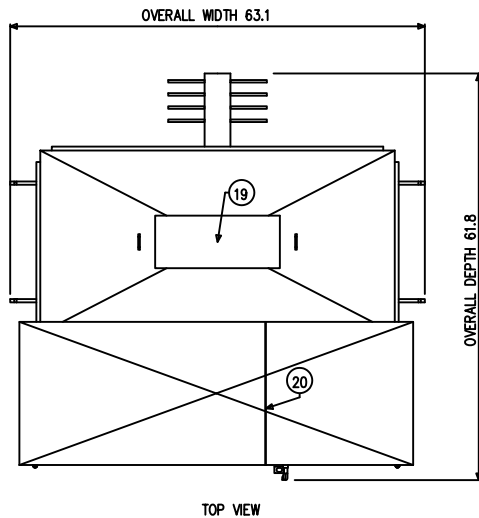
CONTAINS NO DETECTABLE LEVEL OF PCB (LESS THAN 1 PPM) AT THE TIME OF MANUFACTURE

MADE IN MEXICO PROLEC GE INTERNACIONAL S. DE R.L. DE C.V. www.prolecge.com

IMPEDANCE MEETS ANSI STANDARDS
WITH TOLERANCE OF +/-7.5%
ACTUAL TESTED IMPEDANCE WILL BE
STAMPED ON NAME PLATE

REV.		Draftman : AUDI	Customer/Project Name : PHILIPS BROS ELECTRICAL	Cat. Number :
		Review: CMGE	Title : NAMEPLATE	
		App: CMGE	Description : 500 KVA, 3 PHASE, 60 HERTZ, 4160GrdY/2400X12470GrdY/7200-480Y/277 VOLT 65 oC WYE - WYE COOLING ONAN	
		Sheet 1 of 1	PROLEC	
		Rev. 0		
			DRAWING NUMBER: RDU514COA	



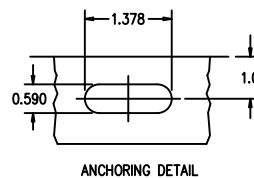


1	PRESSURE RELIEF VALVE, QUALITROL 202-032-01 50 SCFM
2	PROVISION FOR PRESSURE VACUUM GAUGE
3	1 INCH FILL PROVISION
4	TANK (MILD STEEL)
5	TANK COVER
6	BASE (MILD STEEL)
7	LIVE FRONT PORCELAIN BUSHING WITH 3 HOLE BLADE 95KVBL 200A
8	LIQUID LEVEL GAUGE
9	LV BUSHING 5/8" STUD WITH 4 HOLE BLADE 30KVBL 830A
10	CABINET (MILD STEEL)
11	RADIATORS (MILD STEEL)
12	1" DRAIN VALVE WITH 3/8" SAMPLER IN L.V.
13	LIFTING LUGS
14	DV SWITCH
15	ANODIZED ALUMINUM NAMEPLATE
16	TAP CHANGER
17	THERMOMETER
18	GROUND NUTS
19	HAND HOLE 8"x19"
20	REMOVABLE PARTITION
21	DOOR HANDLE WITH PROVISION FOR PADLOCK
22	HV DOOR W/PENTA HEAD BOLT
23	LV DOOR W/PENTA HEAD BOLT
24	ARRESTORS PROVISIONS
25	CABINET REMOVABLE HOOD
26	REMOVABLE SILL (MILD STEEL)

Note: Overall Dimensions
are nominal with tolerance
of +/- 0.5 all other
dimensions have a tolerance
of +/- 0.1

<http://www.prolecge.com>

TRANSFORMER WEIGHTS	
CORE & COIL	2 153 LBS
TANK AND FITTINGS	1 320 LBS
224 GALLONS OF OIL	1 679 LBS
TOTAL WEIGHT	5 152 LBS



DESIGNED TO OPERATE BELOW 3300.0 FEET ABOVE SEA LEVEL

Draftman	AUDI	Customer:	PHILIPS BROS ELECTRICAL	REQ. NO. :
REV:	CMGE			
App:	CMGE	Title:	OUTLINE DRAWING 500 KVA, 3 PHASE, 60 HERTZ, 4160GRDY/2400X12470GRDY/7200-480Y/277 VOLT 65 oC, WYE - WYE COOLING ONAN	Drawing No. RDU51401B801
Scale:	1:26			
Dimensions in	inch			
Date:	1/20/2011			
Rev:	0			