

#253i

PROLEC



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

KVA 1000

IMPEDANCE @ 85°C
 RATED VOLTS %

HV 4160

ORDER NUM RDA884

LV 208Y/120

BIL HV 60

BIL LV 30

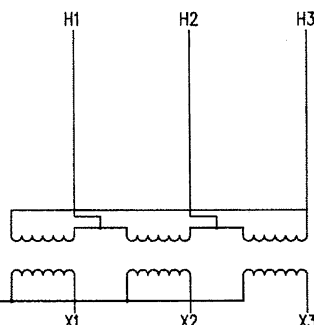
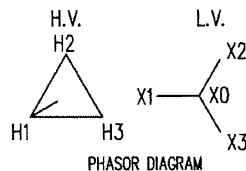
MAT HV Al

MAT LV Al

GALLONS OF OIL TYPE I 301

MASS	kg	pounds
CORE & COIL UNTANKING (HEAVIEST PIECE)	1152	2539
TANK	1459	3215
LIQUID OIL TYPE I	1024	2256
TOTAL WT	3635	8010

TAP CHANGER		
TAP POS	VOLTAGE	65°C AMPS
1/A	4368	132.2
2/B	4264	135.4
3/C	4160	138.8
4/D	4056	142.3
5/E	3952	146.1



REMOVABLE GROUND STRAP

MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM: 48 kPa (7 lb/in²) POSITIVE AND 34 kPa (5 lb/in²) NEGATIVE
 TANK DESIGNED FOR 48 kPa (7 lb/in²) VACUUM FILLING
 LIQUID LEVEL BELOW TOP SURFACE OF THE HIGHEST POINT OF THE HIGHEST HANDHOLE FLANGE AT 25°C IS 140 mm (5.5 in)
 LIQUID LEVEL CHANGES 10 mm (0.4 in) PER 10°C CHANGE IN LIQUID TEMPERATURE
 PERCENT IMPEDANCE STATED ABOVE AT RATED VOLTS AT 1000 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.prolege.com

IMPEDANCE MEETS ANSI STANDARDS
 WITH TOLERANCE OF $\pm 7.5\%$
 ACTUAL TESTED IMPEDANCE WILL BE
 STAMPED ON NAME PLATE

REV.

Draftman : AUDI

Customer/Project Name :

PHILIPS BROS ELECTRICAL

Cat. Number :

Review: DCM

Title :

NAMEPLATE

App: DCM

Description :

1000 KVA, 3 PHASE, 60 HERTZ, 4160-208Y/120 VOLT
65 °C DELTA - WYE COOLING ONAN

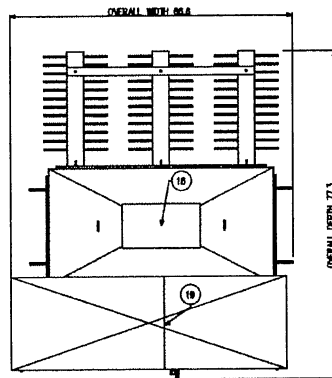
Sheet 1 of 1

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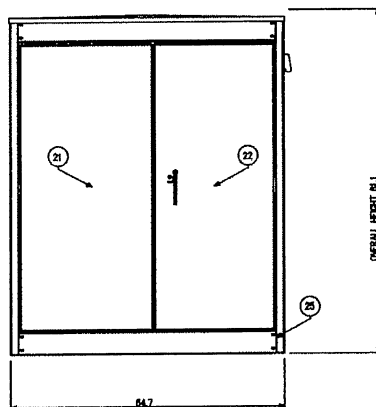


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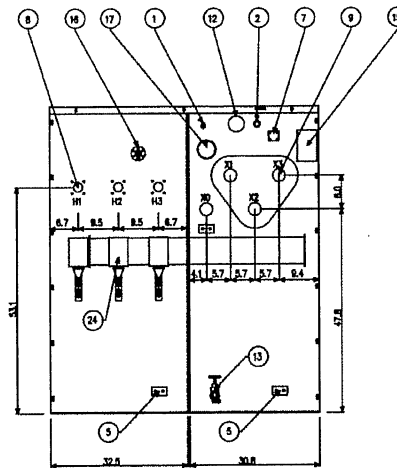
RDA884COA



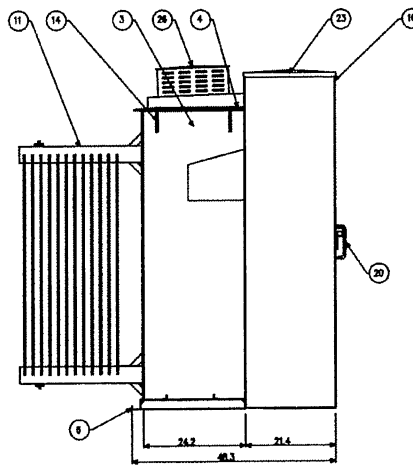
TOP VIEW



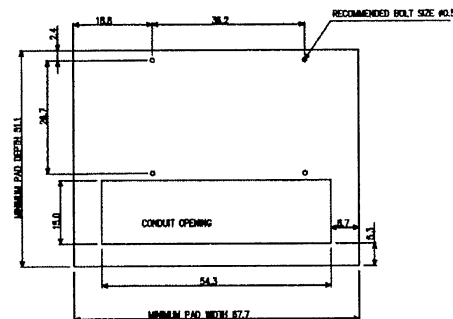
FRONT VIEW



HV & LV DETAIL



SIDE VIEW



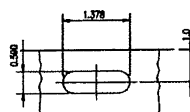
MOUNTING PAD-SUGGESTED MINIMUM SIZE

1	PRESSURE RELIEF VALVE, QUANTROL 200-032-01 50 SCFH
2	1 INCH (NPT) PLUG PROVISION
3	TANK (MILD STEEL)
4	TANK COVER
5	GROUND PADS
6	BASE (MILD STEEL)
7	GROUND LEVEL GAUGE
8	LIVE FRONT PORCELAIN BUSHING WITH 3/4" HOLE BLADE PROTECT 200A
9	LV BUSHING 10 HOLE BLACKPOPPER 200VOLT 450/250
10	CABINET (MILD STEEL)
11	RADIATORS (MILD STEEL)
12	PRESSURE VACUUM GAUGE
13	1" DRAIN VALVE WITH 3/8" SAMPLER IN L.V.
14	ACTING LUGS
15	ANODIZED ALUMINUM NAMEPLATE
16	TAP CHANGER
17	THERMOMETER
18	HAND HOLE 107/108"
19	REMOVABLE PARTITION
20	DOOR HANDLE WITH PROVISION FOR PADLOCK
21	HV DOOR W/VERTICAL HEAD BOLT
22	LV DOOR W/VERTICAL HEAD BOLT
23	CABINET REMOVABLE 1500V
24	EXTERNAL SURGE ARRESTORS (8 KV)
25	REMOVABLE 800V (MILD STEEL)
26	MECHANICAL PRESSURE RELIEF DEVICE SET AT 5PSI (QUANTROL 200-400)

Note: Overall Dimensions are rounded with tolerance of ± 0.5 all other dimensions have a tolerance of ± 0.1

TRANSFORMER WEIGHTS

CORE & COIL	2 530 LBS
TANK AND FITTINGS	3 210 LBS
301 GALLONS OF OIL	2 256 LBS
TOTAL WEIGHT	8 010 LBS



ANCHORING DETAIL

DESIGNED TO OPERATE BELOW 3300 FEET ABOVE SEA LEVEL

Draftsman: AUD
REV: DOM
App: DOM
Scale: 1:31
Dimensions in: Inch
Date: 6/24/2008
Rev: 0

Customer:

PHILIPS BROS ELECTRICAL

REQ. NO. 1

Title:

OUTLINE DRAWING
1000 KVA, 3 PHASE, 60 HERTZ, 4160-2007/120 VOLT
85 °C, DELTA - WYE COOLING OILAN

PROLEC



Drawing No.

RDA88401B801

#2531