



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

kVA 2550

IMPEDANCE @ 85°C
RATED VOLTS %

HV 33000

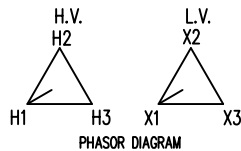
ORDER NUM RHB684

LV 4160Y/2400/2400 Δ BIL HV 150 BIL LV 60 MAT HV Al MAT LV Cu

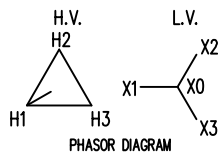
GALLONS OF OIL TYPE II 630

MASS	kg	pounds
CORE & COIL UNTANKING (HEAVIEST PIECE)	3186	7021
TANK	1733	3819
LIQUID OIL TYPE II	2144	4725
TOTAL WT	7063	15565

TAP CHANGER		
TAP POS	VOLTAGE	65°C AMPS
1/A	34650	42.5
2/B	33825	43.5
3/C	33000	44.6
4/D	32175	45.8
5/E	31350	47.0

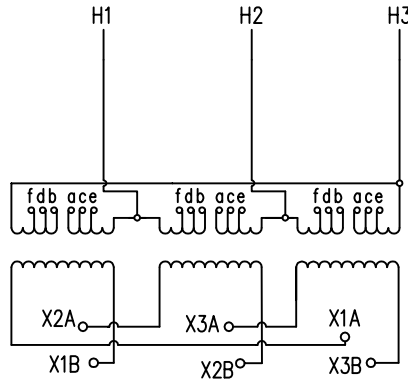


FOR 2400V DELTA CONNECT:
X1B - X2A
X2B - X3A
X3B - X1A



FOR 4160V WYE CONNECT:
X1A, X2A, X3A

X1A,X2A,X3A ARE THE STARTS
OF THE COILS
X1B,X2B,X3B ARE THE FINISH LEADS



CONNECTION DIAGRAM



MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM: 48kPa (7 lbf/in²) POSITIVE AND 34 kPa (5 lbf/in²) NEGATIVE
TANK DESIGNED FOR 48kPa (7 lbf/in²) VACUUM FILLING
LIQUID LEVEL BELOW TOP SURFACE OF THE HIGHEST POINT OF THE HIGHEST HANDHOLE FLANGE AT 25°C IS 146 mm (5.7 in)
LIQUID LEVEL CHANGES 11 mm (0.4 in) PER 10°C CHANGE IN LIQUID TEMPERATURE
PERCENT IMPEDANCE STATED ABOVE AT RATED VOLTS AT 2550.0 KVA
CAUTION BEFORE OPERATING READ INSTRUCTION GEL-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. 1 DRAWING UPDATED BY CUSTOMER REQUEST JMPO 8/3/2017
Rev. 2 TAPS WERE ADDED BY CUSTOMER REQUEST JMPO 9/5/2017

Draftman : AUDI

Customer/Project Name :

PHILIPS BROS ELECTRIC

Cat. Number :

Review: JMPO

Title :

NAMEPLATE

App: JMPO

Description : 2550.0 KVA, 3 PHASE, 60 HERTZ, 33000-4160Y/2401 VOLT
65 °C DELTA - WYE, COOLING ONAN

Sheet 1 of 1

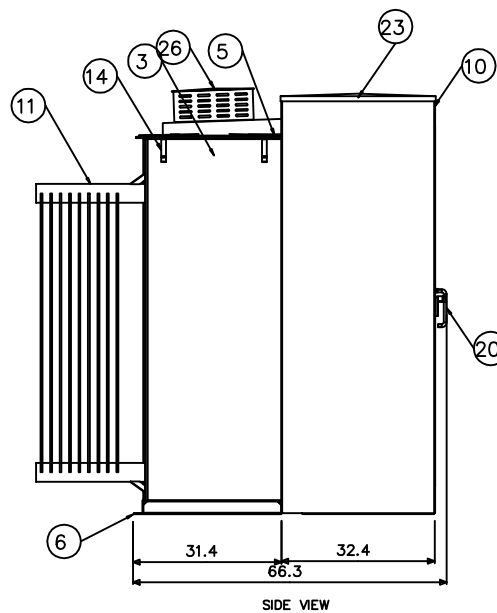
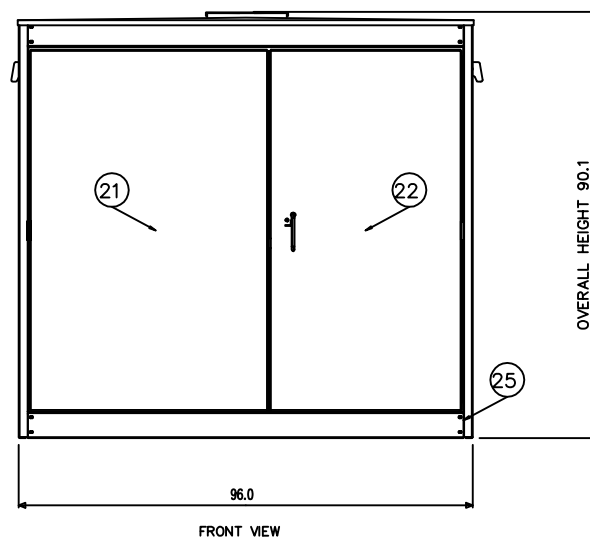
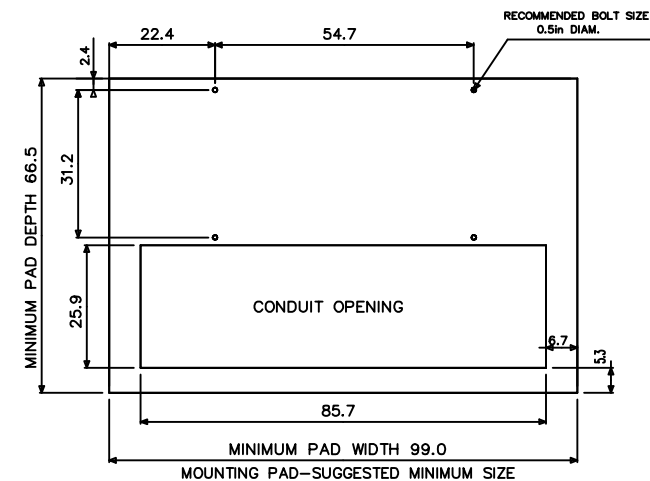
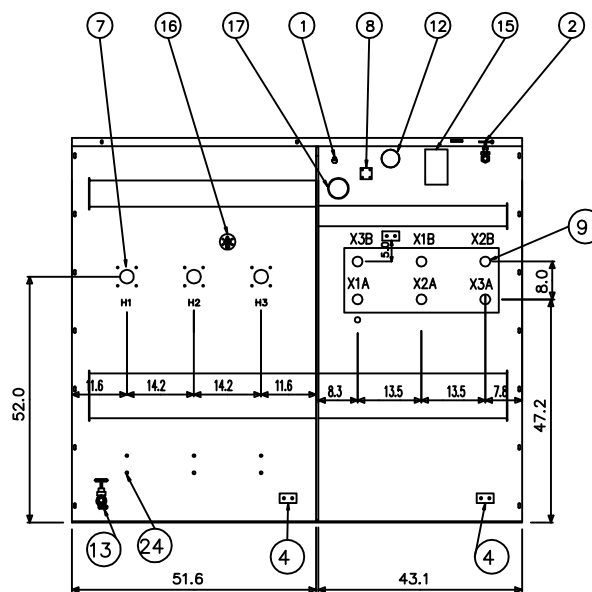
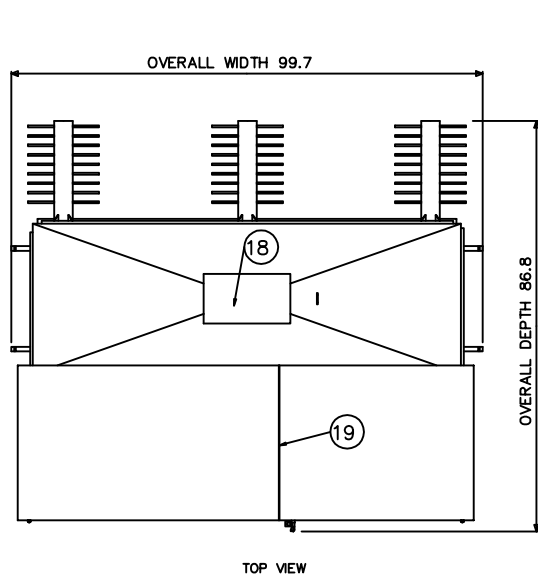
Rev. 2



DRAWING NUMBER:

RHB684COA

REV.

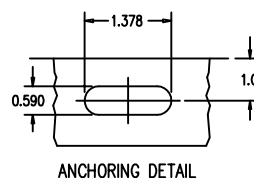


COLOR: MUNSELL GREEN 7GY 3.29/1.5

1	PRESSURE RELIEF VALVE, QUALITROL 202-032-01 50 SCFM
2	FILTER PRESS VALVE
3	TANK (MILD STEEL)
4	GROUND PADS
5	TANK COVER
6	BASE (MILD STEEL)
7	LIVE FRONT PORCELAIN BUSHING WITH 3 HOLE BLADE 150KVBL 200A
8	LIQUID LEVEL GAUGE
9	LV BUSHING WITH 4 HOLE BLADE 60KVBL 600A
10	CABINET (MILD STEEL)
11	RADIATORS (MILD STEEL)
12	PRESSURE VACUUM GAUGE
13	1" DRAIN VALVE WITH 3/8" SAMPLER HJ DV1000-001-FB
14	LIFTING LUGS
15	ANODIZED ALUMINUM NAMEPLATE
16	TAP CHANGER
17	THERMOMETER
18	HAND HOLE 10"X18"
19	REMOVABLE PARTITION
20	DOOR HANDLE WITH PROVISION FOR PADLOCK
21	HV DOOR W/PENTA HEAD BOLT
22	LV DOOR W/PENTA HEAD BOLT
23	CABINET REMOVABLE HOOD
24	ARRESTORS PROVISIONS
25	REMOVABLE SILL (MILD STEEL)
26	MECHANICAL PRESSURE RELIEF DEVICE SET AT 10PSI (QUALITROL 208-60E)

TRANSFORMER WEIGHTS

CORE & COIL	7 021 LBS
TANK AND FITTINGS	3 819 LBS
630 GALLONS OF OIL	4 725 LBS
TOTAL WEIGHT	15 565 LBS



DESIGNED TO OPERATE BELOW 3300.0 FEET ABOVE SEA LEVEL
 REV.1 LV BUSHING ARRANGEMENT WAS UPDATED JMPO 8/7/2017
 REV.2 LV BUSHING ARRANGEMENT AND GROUND PAD WERE UPDATED JMPO 9/5/2017

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

<http://www.prolecge.com>

Draftman AUDI	Customer:	REQ. NO. :
REV: JMPO	PHILIPS BROS ELECTRIC	
App: JMPO	Title:	
Scale: 1:36	OUTLINE DRAWING	
Dimensions in inch	2550 kVA, 3 PHASE, 60 HERTZ, 33000-4160Y/2401 VOLT	
Date: 05/08/2017	65 °CC, DELTA - WYE COOLING ONAN	
Rev: 2		Drawing No. RHB68401B801