

prolec®



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

kVA 2550

HV 13800

LV 480Y/277

IMPEDANCE @ 85°C  
RATED VOLTS      %

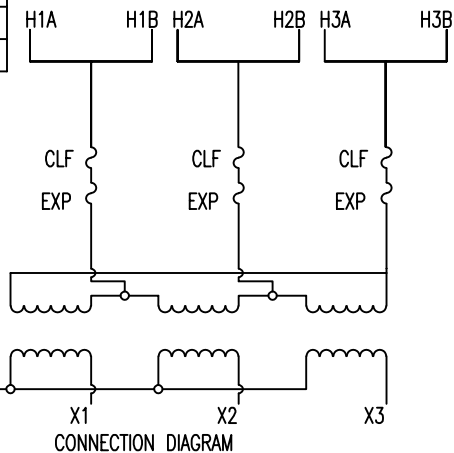
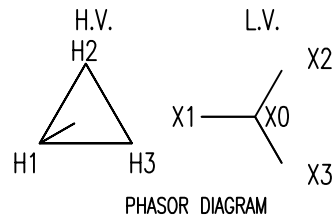
ORDER NUM RJJ267

BIL HV 95      BIL LV 30      MAT HV Al      MAT LV Al

GALLONS OF OIL TYPE II      560

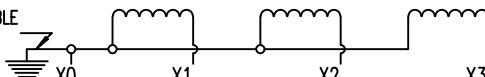
| MASS                       | kg   | pounds |
|----------------------------|------|--------|
| CORE & COIL                | 2549 | 5617   |
| UNTANKING (HEAVIEST PIECE) |      |        |
| TANK                       | 1877 | 4136   |
| LIQUID OIL TYPE II         | 1913 | 4216   |
| TOTAL WT                   | 6340 | 13969  |

| TAP CHANGER |         |           |
|-------------|---------|-----------|
| TAP POS     | VOLTAGE | 65°C AMPS |
| 1/A         | 14400   | 102.2     |
| 2/B         | 13800   | 106.7     |
| 3/C         | 13200   | 111.5     |
| 4/D         | 12470   | 118.1     |
| 5/E         | 12000   | 122.7     |



**LISTED**  
LIQUID FILLED DISTRIBUTION  
TRANSFORMER INFO

REMOVABLE  
GROUND  
STRAP



MAXIMUM OPERATING OF LIQUID PRESERVATION SYSTEM: 48kPa (7lbf/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 139 mm (5.47in)  
LIQUID LEVEL CHANGES 10 mm (0.4 in) PER 10 °C CHANGE IN LIQUID TEMPERATURE  
PERCENT IMPEDANCE STATED ABOVE AT RATED VOLTS AT 2550 KVA  
CAUTION BEFORE OPERATING READ INSTRUCCION GEI-79025M  
CONTAINS NO DETECTABLE LEVEL OF PCB (LESS THAN 1 PPM) AT THE TIME OF MANUFACTURE

MADE IN MEXICO      PROLEC GE INTERNATIONAL S. DE R.L. DE C.V.      www.prolec.energy/prolecge

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

Draftman: TRADE

Review: DLPN

App: DLPN

Sheet 1 of 1

Rev. 0

Customer/Project Name:

Title:

Description: 2550 kVA, 3 PHASE, 60 HERTZ, 13800-480Y/277 VOLT  
65 °C DELTA - WYE, COOLING ONAN

Cat. Number:

DRAWING NUMBER:

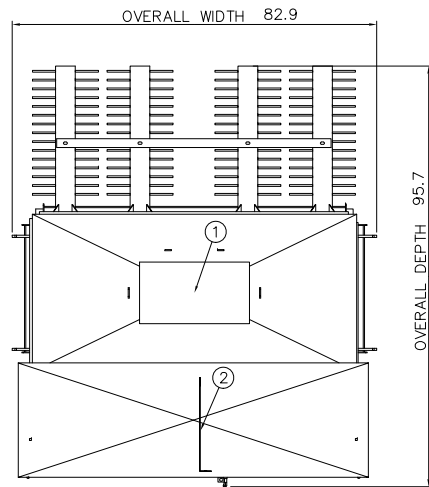
RJJ267C0

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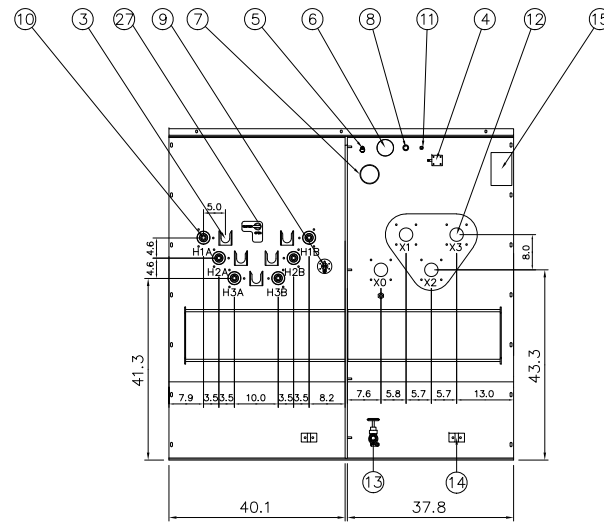


REV.

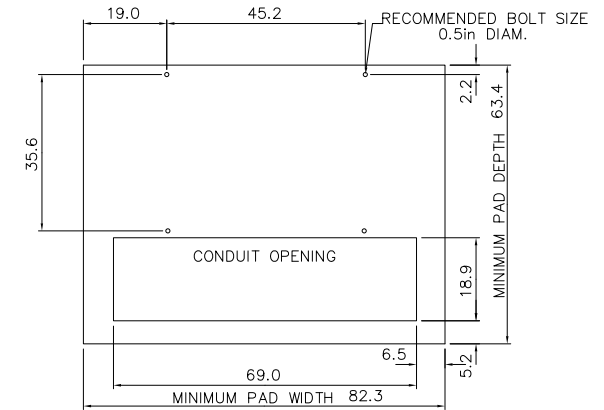
|       |            |              |
|-------|------------|--------------|
| FUSES | CAT No.    | MANUFACTURER |
| EXP   | 9F54WLD402 | GE           |
| CLF   | 9F59CBD150 | MERSEN       |



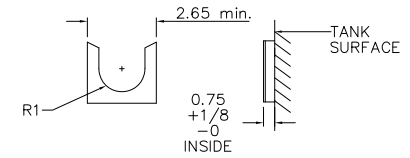
TOP VIEW



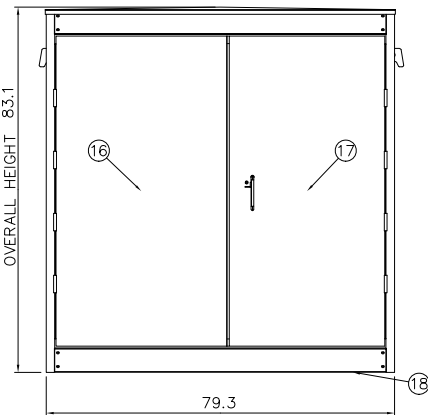
HV & LV DETAIL



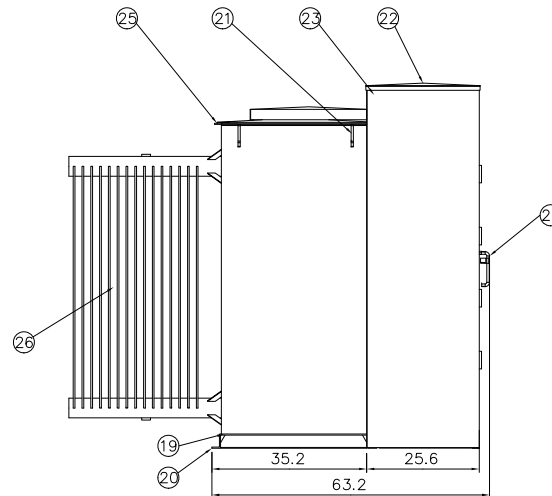
MOUNTING PAD-SUGGESTED MINIMUM SIZE



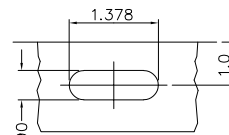
COLOR: MUNSELL GREEN 7GY 3.29/1.5 PARKING STAND DETAIL



FRONT VIEW



SIDE VIEW



ANCHORING DETAIL

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

TRANSFORMER WEIGHTS

|                    |            |
|--------------------|------------|
| CORE & COIL        | 5 617 LBS  |
| TANK AND FITTINGS  | 4 136 LBS  |
| 560 GALLONS OF OIL | 4 216 LBS  |
| TOTAL WEIGHT       | 13 969 LBS |

DESIGNED TO OPERATE BELOW 3300.0 FEET ABOVE SEA LEVEL

|                                                                            |
|----------------------------------------------------------------------------|
| 1.- HAND HOLE 14"x25"                                                      |
| 2.- REMOVABLE PARTITION                                                    |
| 3.- PARKING STAND                                                          |
| 4.- LIQUID LEVEL GAUGE                                                     |
| 5.- PRESSURE RELIEF VALVE, QUALITROL 202-032-01 50 SCFM                    |
| 6.- PRESSURE VACUUM GAUGE                                                  |
| 7.- THERMOMETER                                                            |
| 8.- 1 INCH FILL PROVISION                                                  |
| 9.- TAP CHANGER                                                            |
| 10.- HV BUSHING WELL WITH REMOVABLE STUD, 150KV BIL 200A WITH 15 KV INSERT |
| 11.- PRESSURE TEST VALVE CAT. A31484                                       |
| 12.- LV BUSHING 10 HOLE BLADE SUPPORTED 30KV BIL 4515A                     |
| 13.- 1" DRAIN VALVE WITH 3/8" SAMPLER HJ DV1000-001-FB                     |
| 14.- GROUND PADS                                                           |
| 15.- ANODIZED ALUMINUM NAMEPLATE                                           |
| 16.- HV DOOR W/PENTA HEAD BOLT                                             |
| 17.- LV DOOR W/PENTA HEAD BOLT                                             |
| 18.- REMOVABLE SILL (MILD STEEL)                                           |
| 19.- TANK (MILD STEEL)                                                     |
| 20.- BASE (MILD STEEL)                                                     |
| 21.- LIFTING LUGS                                                          |
| 22.- CABINET REMOVABLE HOOD                                                |
| 23.- CABINET (MILD STEEL)                                                  |
| 24.- DOOR HANDLE WITH PROVISION FOR PADLOCK                                |
| 25.- TANK COVER                                                            |
| 26.- RADIATORS (MILD STEEL)                                                |
| 27.- 2 POSITION LOADBREAK SWITCH                                           |

|            |            |           |                                                    |              |
|------------|------------|-----------|----------------------------------------------------|--------------|
| Draftman:  | TRADE      | Customer: | PHILPS BROTHERS                                    | REQ. NO.     |
| Rev:       | DLPN       |           |                                                    |              |
| App:       | DLPN       | Title:    | OUT LINE DRAWING                                   |              |
| Scale:     | 1:40       |           | 2550 KVA, 3 PHASE, 60 HERTZ, 13800 - 480Y/277 VOLT |              |
| Dimensions | in         |           | 65 °C, DELTA - WYE COOLING ONAN                    |              |
| Date:      | 06/15/2022 |           |                                                    |              |
| Rev:       | 0          |           |                                                    |              |
|            |            |           | We Are Transformers                                | Drawing No.  |
|            |            |           |                                                    | RJJ26701B801 |