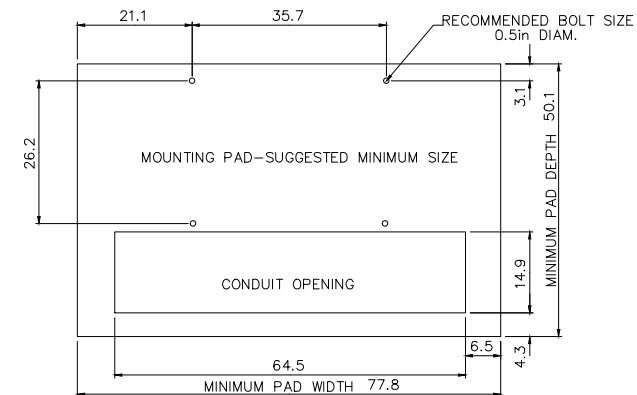
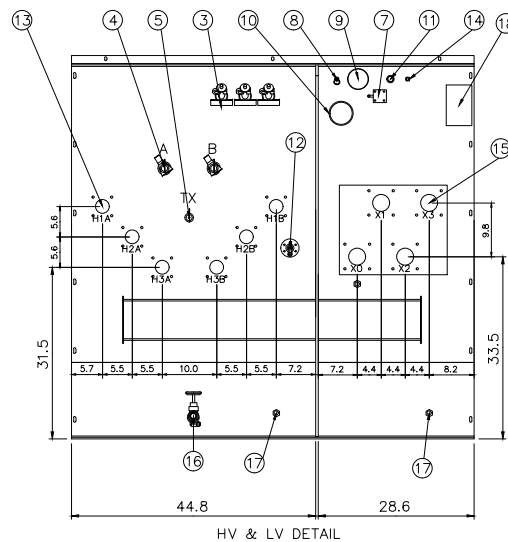
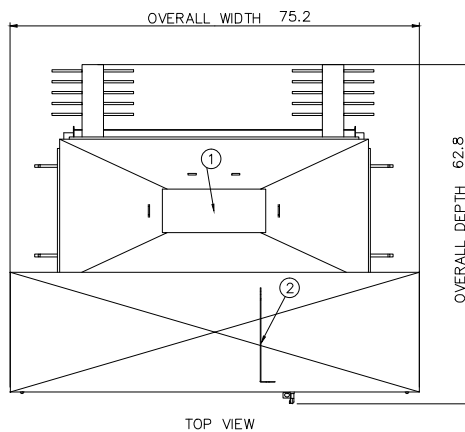
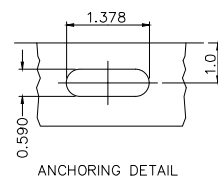
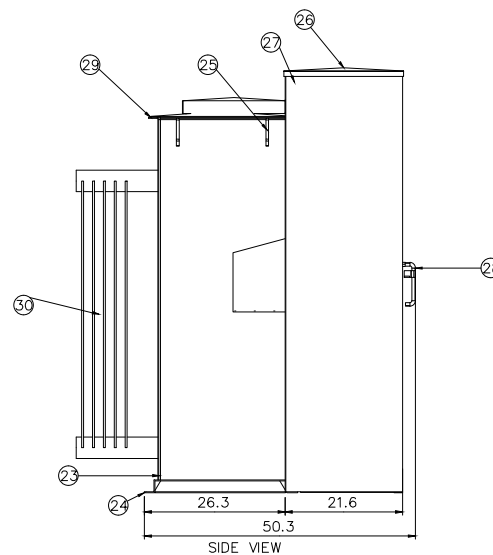
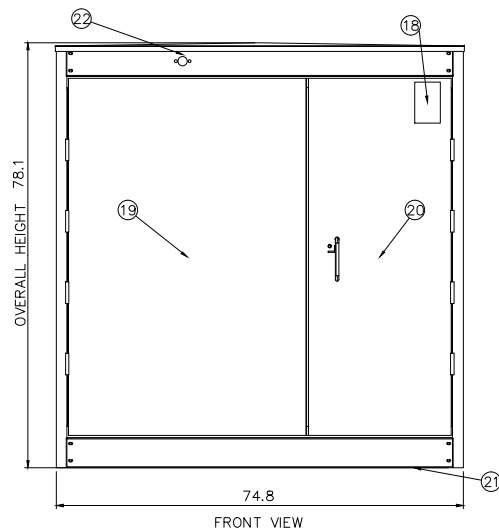


FUSES	CAT No.	MANUFACTURER
EXP	4000358C12	COOPER
ISO	7580ZB0699	ERMCO



COLOR: MUNSELL GREEN 7GY 3.29/1.5



- 1.- HAND HOLE 8"x19"
- 2.- REMOVABLE PARTITION
- 3.- BAYONET FUSE HOLDER WITH DRIP SHIELD
- 4.- (2) 2 POSITION LOOP SWITCH 630 AMP
- 5.- (1) 2 POSITION RADIAL SWITCH 300 AMP W/LOCKABLE HANDLE
- 6.- NOT IN USE
- 7.- LIQUID LEVEL GAUGE
- 8.- PRESSURE RELIEF VALVE, VIAT 301-010-01N 35 SCFM
- 9.- PRESSURE VACUUM GAUGE
- 10.- THERMOMETER
- 11.- 1 INCH FILL PROVISION
- 12.- TAP CHANGER
- 13.- HV INTEGRATED BUSHING 25KV CLASS, 125KV BIL, 600A
- 14.- NITROGEN VALVE
- 15.- LV BUSHING 12 HOLE BLADE SUPPORTED 30KV BIL 2200A
- 16.- 1" DRAIN VALVE WITH 3/8" SAMPLER HJ DV1000-001-FB
- 17.- GROUND NUTS + GROUND CONNECTOR
- 18.- ANODIZED ALUMINUM NAMEPLATE
- 19.- HV DOOR W/PENTA HEAD BOLT
- 20.- LV DOOR W/PENTA HEAD BOLT
- 21.- REMOVABLE SILL (MILD STEEL)
- 22.- FAULT INDICATOR PROVISION
- 23.- TANK (MILD STEEL)
- 24.- BASE (MILD STEEL)
- 25.- LIFTING LUGS
- 26.- CABINET REMOVABLE HOOD
- 27.- CABINET (MILD STEEL)
- 28.- DOOR HANDLE WITH PROVISION FOR PADLOCK
- 29.- TANK COVER
- 30.- RADIATORS (MILD STEEL)

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

www.prolec.energy/prolecge

TRANSFORMER WEIGHTS

CORE & COIL	1 743 LBS
TANK AND FITTINGS	1 965 LBS
311 GALLONS OF FR3	2 338 LBS
TOTAL WEIGHT	6 046 LBS

DESIGNED TO OPERATE BELOW 3300.0 FEET ABOVE SEA LEVEL

Draftman:	TRADE
Rev:	AVS
App:	AVS
Scale:	1:30
Dimensions	in
Date:	06/19/2023
Rev:	0

Customer:	DISTRIBUTED SOLAR OPERATIONS	REQ. NO.
Title:	OUT LINE DRAWING 500 KVA, 3 PHASE, 60 HERTZ, 13200 - 480Y/277 VOLT 65 °C, DELTA - WYE COOLING KNAN	
 		Drawing No. RJQ07301B801

prolec®



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

kVA 500

IMPEDANCE @ 85°C
RATED VOLTS %

HV 13200

ORDER NUM RJQ073

LV 480Y/277

BIL HV 95

BIL LV 30

MAT HV Al

MAT LV Al

STEP-UP OPERATION

GALLONS OF NATURAL ESTER 310

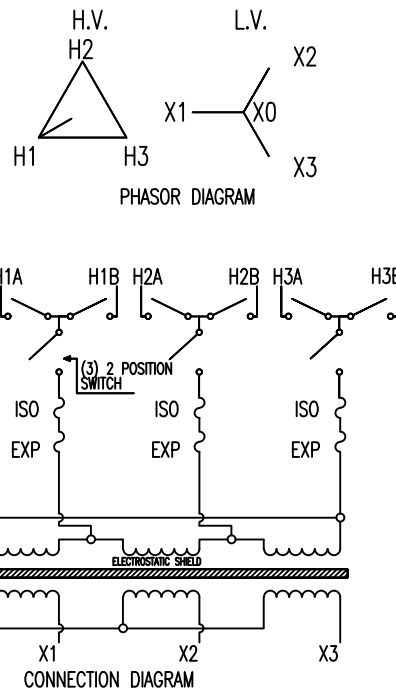
MASS	kg	pounds
CORE & COIL UNTANKING (HEAVIEST PIECE)	791	1743
TANK	892	1965
LIQUID NATURAL ESTER	1061	2338
TOTAL WT	2744	6046

TAP CHANGER	
TAP POS	VOLTAGE
1/A	13860
2/B	13530
3/C	13200
4/D	12870
5/E	12540



LISTED
LIQUID FILLED DISTRIBUTION
TRANSFORMER 500

REMOVABLE
GROUND
STRAP



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 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

REV.

Draftman: TRADE

Customer/Project Name: DISTRIBUTED SOLAR OPERATIONS

Cot. Number:

Review: AVS

Title: NAMEPLATE

App: AVS

Description: 500 KVA, 3 PHASE, 60 HERTZ, 13200-480Y/277 VOLT
65 °C DELTA - WYE, COOLING KNAN

Sheet 1 of 1

prolec®



DRAWING NUMBER:

RJQ073C0A

Rev. 0

prolec®



3 PHASE

PADMOUNTED TRANSFORMER

CLASS KNAN

65°C RISE

60HERTZ

MFG
DATE

FEB-24 SER M23J34987

kVA 500

IMPEDANCE @ 85°C
RATED VOLTS

5.64 %

HV 13200

ORDER NUM RJQ073 **01-001**

LV 480Y/277

BIL HV 95

BIL LV 30

MAT HV Al

MAT LV Al

STEP-UP OPERATION

GALLONS OF NATURAL ESTER **310**

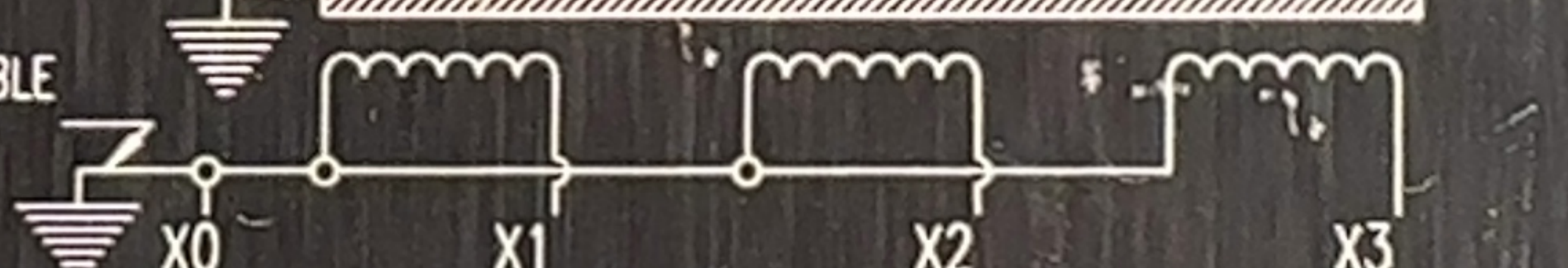
MASS	kg	pounds
CORE & COIL UNTANKING (HEAVIEST PIECE)	791	1743
TANK	892	1965
LIQUID NATURAL ESTER	1061	2338
TOTAL WT	2744	6046

TAP	CHANGER
TAP POS	VOLTAGE
1/A	13860
2/B	13530
3/C	13200
4/D	12870
5/E	12540

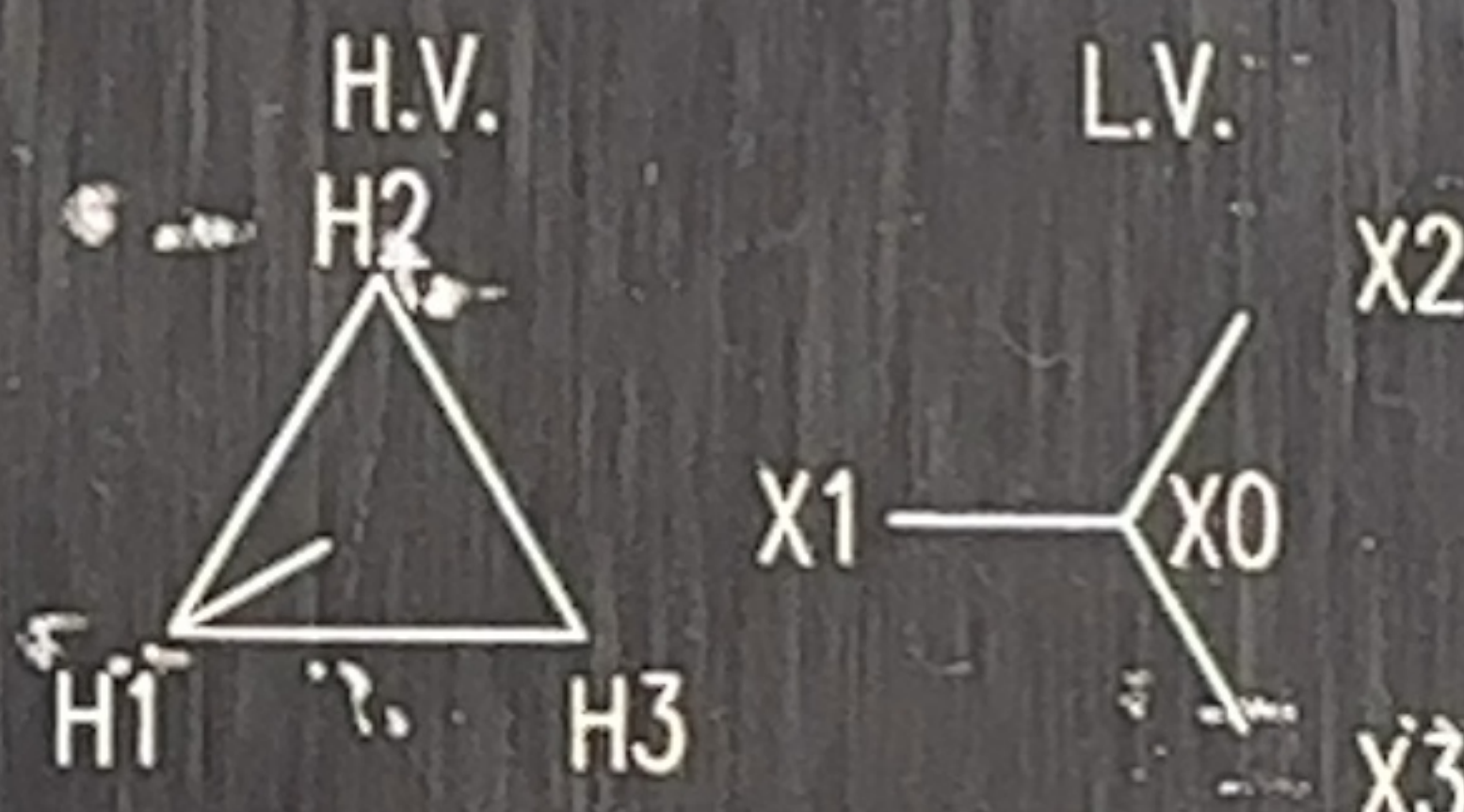


LISTED
LIQUID FILLED DISTRIBUTION
TRANSFORMER 129

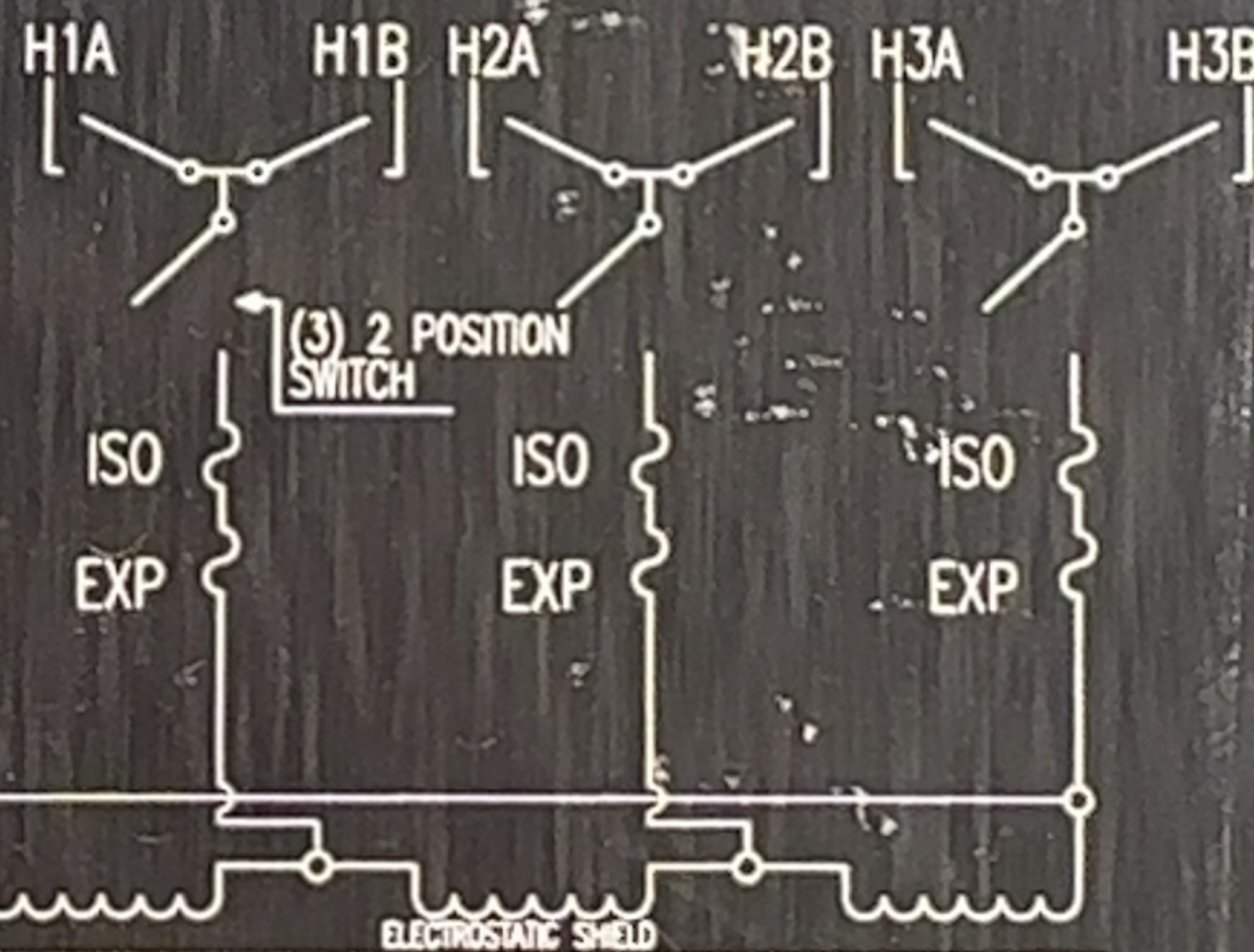
REMOVABLE
GROUND
STRAP



CONNECTION DIAGRAM



PHASOR DIAGRAM



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 INTERNATIONAL S. DE R.L. DE C.V. www.prolec.energy/prolecge