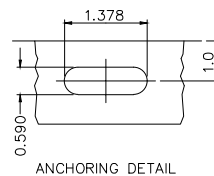
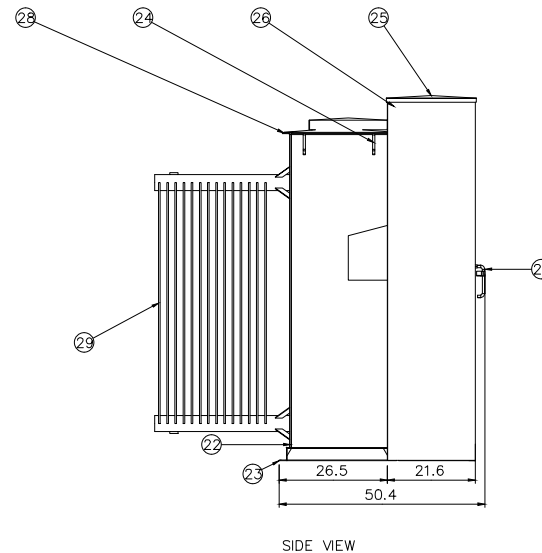
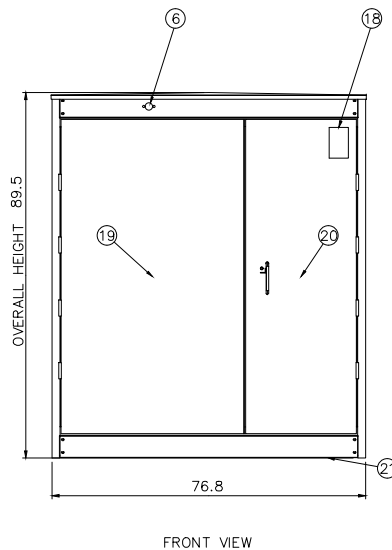
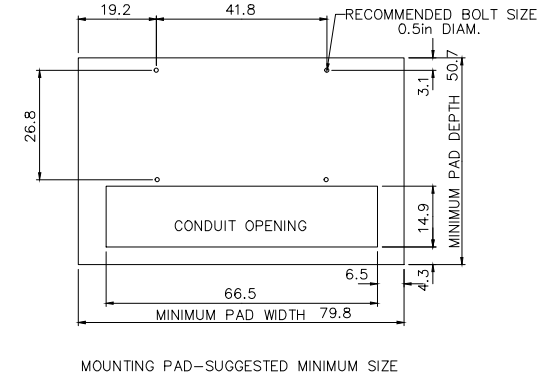
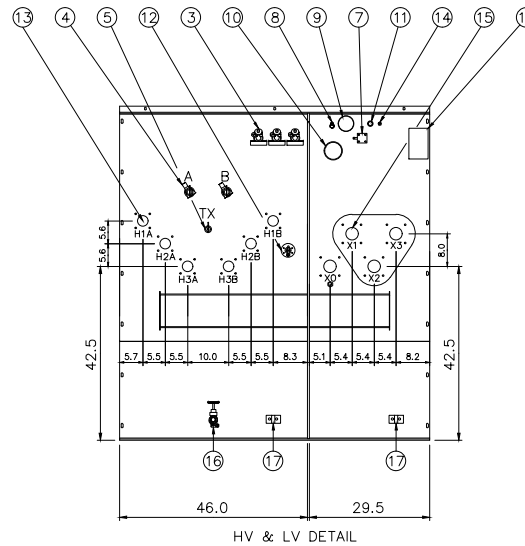
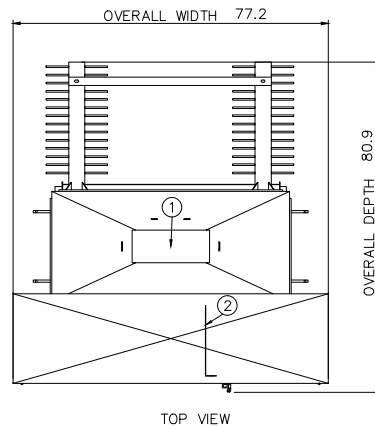


FUSES	CAT No.	MANUFACTURER
EXP	4000358C14	COOPER
ISO	7580ZB0799	ERMCO



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

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TRANSFORMER WEIGHTS
CORE & COIL 2 759 LBS
TANK AND FITTINGS 2 706 LBS
372 GALLONS OF FR3 2 796 LBS
TOTAL WEIGHT 8 261 LBS

DESIGNED TO OPERATE BELOW 3300.0 FEET ABOVE SEA LEVEL

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.- FAULT INDICATOR PROVISION
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 PADS + 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)
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)

Draftman:	TRADE
Rev:	FCR
App:	FCR
Scale:	1:40
Dimensions	in
Date:	06/21/2023
Rev:	0

Customer:	DISTRIBUTED SOLAR OPERATIONS	REQ. NO.
Title:	OUT LINE DRAWING 1000 KVA, 3 PHASE, 60 HERTZ, 13200 - 480V/277 VOLT 65 °C, DELTA - WYE COOLING KNAN	
 		Drawing No. RJQ07101B801

prolec®



3 PHASE PADMOUNTED TRANSFORMER CLASS KNAN

65°C RISE 60HERTZ MFG DATE SER

kVA 1000

IMPEDANCE @ 85°C
RATED VOLTS %

HV 13200

ORDER NUM RJQ071

LV 480Y/277

BIL HV 95 BIL LV 30 MAT HV AI MAT LV AI

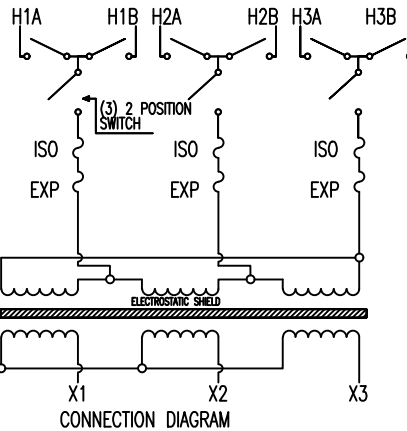
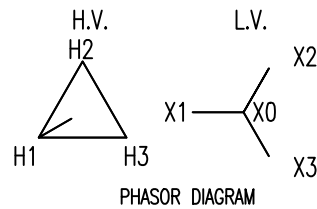
STEP-UP OPERATION

GALLONS OF NATURAL ESTER 371

MASS	kg	pounds
CORE & COIL	1252	2759
UNTANKING (HEAVIEST PIECE)		
TANK	1228	2706
LIQUID NATURAL ESTER	1269	2796
TOTAL WT	3749	8261

TAP CHANGER

TAP POS	VOLTAGE	65°C AMPS
1/A	13860	41.7
2/B	13530	42.7
3/C	13200	43.7
4/D	12870	44.9
5/E	12540	46.0



LISTED
LIQUID FILLED CONTRIBUTION
TRANSFORMER 200

REMOVABLE
GROUND
STRAP

MAXIMUM OPERATING PRESSURES 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 155 mm (6.1in)

LIQUID LEVEL CHANGES 12 mm (0.5 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 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: FCR

Title: NAMEPLATE

App: FCR

Description: 1000 KVA, 3 PHASE, 60 HERTZ, 13200-480Y/277 VOLT
65 °C DELTA - WYE, COOLING KNAN

Sheet 1 of 1

Rev. 0

prolec®



DRAWING NUMBER:

RJQ071C0A

prolec®



3 PHASE

PADMOUNTED TRANSFORMER

CLASS KNAN

65°C RISE

60HERTZ

MFG
DATE

FEB-24 SER

M23J34984

kVA 1000

HV 13200

LV 480Y/277

IMPEDANCE @ 85°C
RATED VOLTS

6.15 %

ORDER NUM RJQ071 **01-001**

BIL
HV 95

BIL
LV 30

MAT
HV Al

MAT
LV Al

STEP-UP OPERATION

GALLONS OF NATURAL ESTER 371

MASS	kg	pounds
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UNTANKING (HEAVIEST PIECE)		
TANK	1228	2706
LIQUID NATURAL ESTER	1269	2796
TOTAL WT	3749	8261

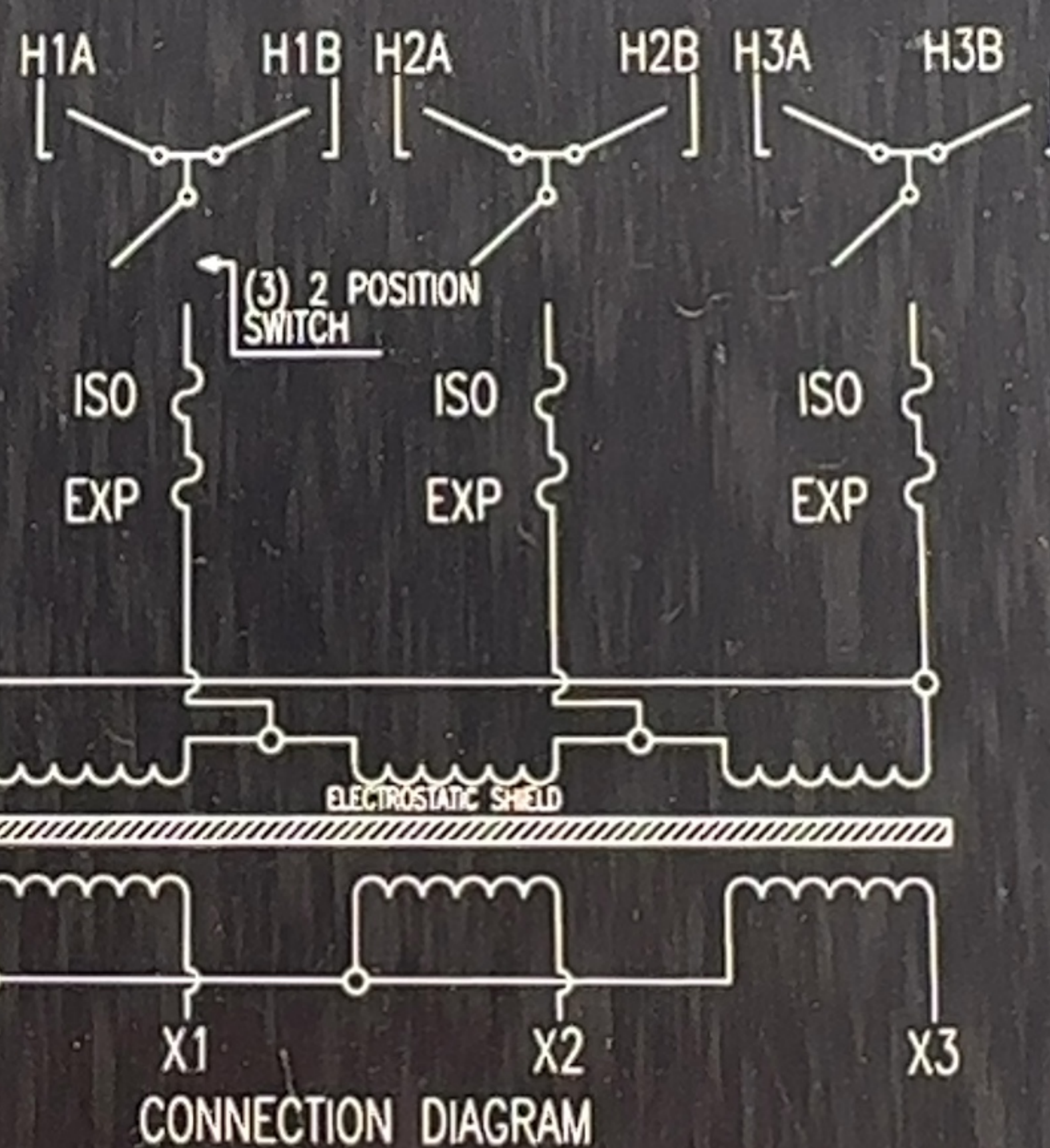
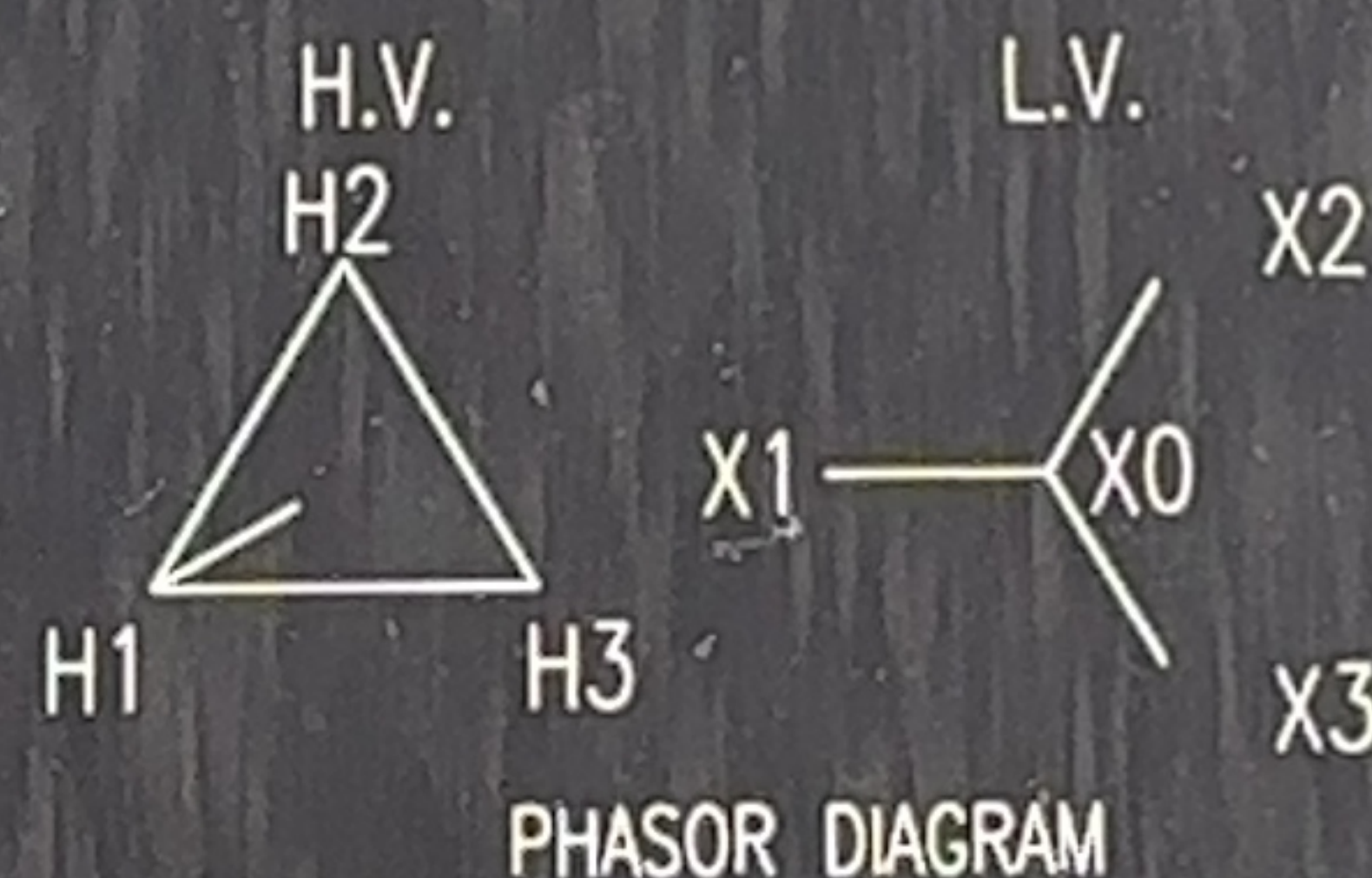
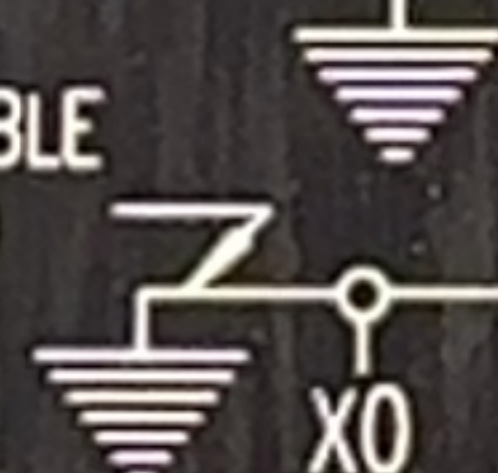
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5/E	12540	46.0



LISTED
LIQUID FILLED DISTRIBUTION
TRANSFORMER IEP

REMOVABLE
GROUND
STRAP



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