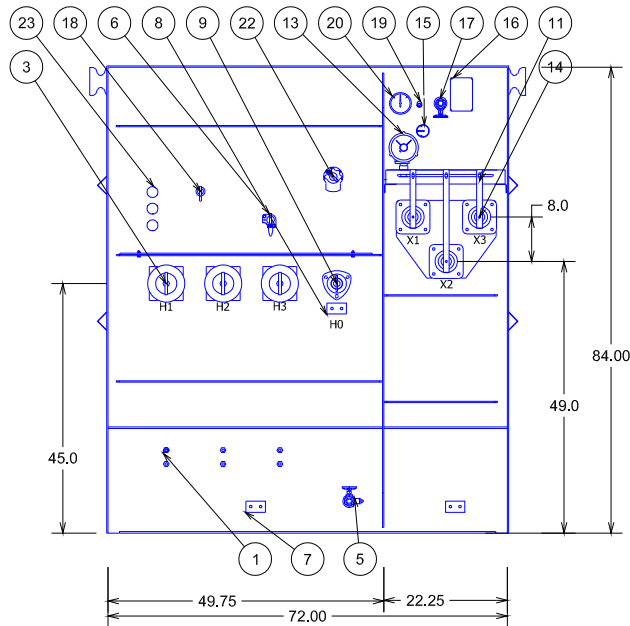
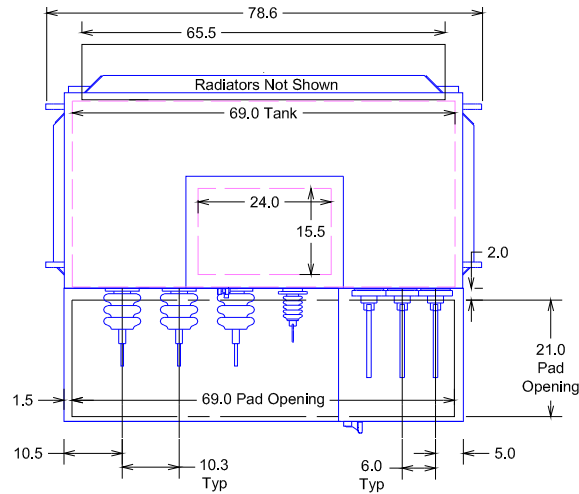


ITE	DESCRIPTION
1	Arrester Mounting Provision
2	Welded Cover w/ Handhole
3	15kV 1600 Amp Porcelain HV Bushing w/ 4 Hole Spade
4	Cooling Radiators
5	Drain Valve with Sampler
6	Dual Voltage Switch
7	Ground Pad .50-13 Tap
8	Ground Pad .50-13 Tap
9	H0 Bushing
10	High Security Cabinet w/ Pentahead Door Bolts
11	LV Bushing Support
12	Lifting Lug
13	Liquid Temperature Gauge w/ Alarm Contacts
14	1.2kV LV Bushing w/12 Hole Spade Supported
15	Magnetic Oil Level Gauge
16	Nameplate
17	One Inch Upper Fill Valve
18	Delta-Wye Switch
19	Pressure Relief Valve
20	Pressure Vacuum Gauge
21	Tank Base w/ Jacking and Rolling Facilities
22	5-Position Tap Changer
23	Under Oil Disconnect Switch
24	18.0kV (15.3kV MCOV) Arrester (Internal)



3PH Padmount Transformer 60Hz
2500.0 kVA ONAN 65 AWR Mineral Oil
HV 2400/4160Y/2400X7200/12470/7200 95 kV BIL
LV 480D 30 kV BIL
5.77 %IZ

Munsell Green Topcoat
Mild Steel Construction
UL Listed

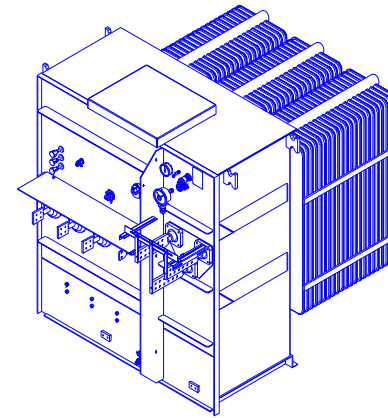
S.O. 214552597

P.O. 38610

Customer: PHILIPS BROTHERS ELECTRICAL

Project: PHILIPS STOCK

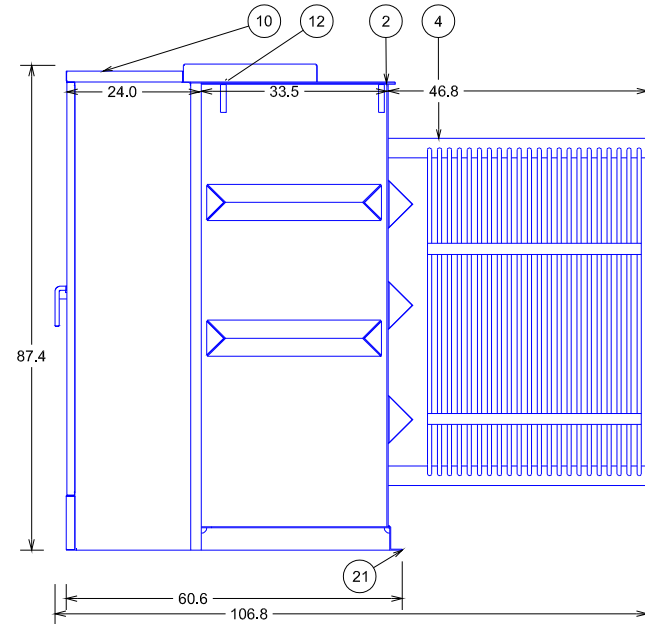
Cabinet Removed



0002FA66KPGA

REVISIONS

PTP1814291 VVL 12/13/2018
REV01 Outline dim updated



MATERIAL:

ALL DIMENSIONS ARE IN INCHES [MM]

THE INFORMATION ON THIS DOCUMENT WAS
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THE PURPOSE IN WHICH IT WAS SUPPLIED.

THIS DRAWING HAS BEEN GENERATED FROM A 3D MODEL.



TITLE: Distribution Transformer Outline Drawing

DESC: COOPER POWER SERIES THREE-PHASE
PAD-MOUNTED COMPARTMENTAL TYPE

DWG: PTP DATE: 10/25/2018 REF: P3D V03R09M07 SHEET #: 1 OF 1 SCALE: REV: 01

0002FA66KPGA

COOPER POWER
 SERIES

3 ϕ DISTRIBUTION
 TRANSFORMER ASSEMBLED
 IN WAUKESHA, WI U.S.A

2500 2400/4160Y/2400X7200/12470Y/7200 ONAN 480 HV KV BIL 95 HV NEUTRAL KV BIL 95 LV KV BIL 30 HV/LV CONDUCTOR AL / AL	65°C 60Hz 0002FA66KPGA 5.77 %IZ @85°C MFG DATE PCB CONTENT LESS THAN 1 PPM AT TIME OF MANUFACTURE CAUTION - READ INSTRUCTION MANUAL MN202001EN DUAL VOLTAGE POSITIONS (1/2) 4160/12470 TC CAN BE IN ANY POS. FOR LV OPERATION
---	--

APPROX. WEIGHT IN LBS.

CORE & COIL UNTANKING	5356
TANK & FIT	5439
FLUID: OIL 661	4924
TOTAL	15719

TAP	VOLTAGE	MAX AMPS	VOLTAGE	MAX AMPS
A	7970	182	13800	105
B	7620	189	13200	109
C	7430	194	12870	112
D	7200	201	12470	116
E	6930	208	12000	120

MAX AMPS AT 2500 KVA
 %IZ AT BASE KVA AND RATED VOLTAGE
 STEP-UP DISTRIBUTION TRANSFORMER

E234598
US LISTED
 17YP
 LIQUID-FILLED DISTRIBUTION TRANSFORMER
 LIQUID-IMMERSED DISTRIBUTION TRANSFORMER

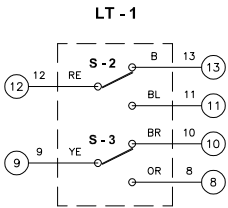
1189611A1339-01

NOTES: 1) ACTUAL PLATE IS A NEGATIVE OF THE ABOVE DRAWING.
 2) ACTUAL %IZ TO BE STAMPED IN AFTER TESTING.

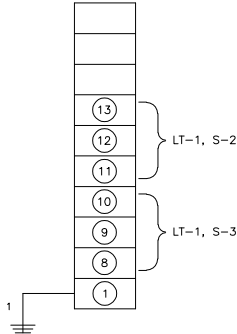
NAMEPLATE MATERIAL: ALUMINUM

214527225,23

1189611A1339 REVISIONS	REV01 WL 12/12/2018 PTP1814272 Taps for Delta pos updated	MATERIAL: ALL DIMENSIONS ARE IN INCHES [MM] THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.	Powering Business Worldwide			
	TITLE: LASER NAMEPLATE DESC: COOPER POWER SERIES 0002FA66KPGA		DWG: PTP DATE: 12/12/2018 REF: SHEET #: 1 of 1 SCALE: 1=1 REV: 01			
			1189611A1339			



TB - 1



GAGE SWITCH SETTINGS						
DEVICE	LT 55°C AWR	LT 65°C, 55/65 AWR	LT 75°C, 55/75, 65/75 AWR	WTI 55°C AWR	WTI 55/65 AWR	WTI 75°C, 55/75, 65/75 AWR
S-1 (FANS)	60°C	70°C	80°C	70°C	80°C	90°C
S-2 (ALARM)	80°C	90°C	100°C	110°C	120°C	130°C
S-3 (TRIP)	105°C FIXED	105°C FIXED	120°C FIXED	120°C FIXED	130°C FIXED	140°C FIXED

LT-1 LIQUID TEMPERATURE GAGE (26Q)
TB-(1-1) TERMINAL BLOCK, 600V, 35A

- USE COOPER CONDUCTORS ONLY, #22 - 10 AWG
- TB-(1-1) SCREW TIGHTENING TORQUE 18-20.0 IN-LB

WH - WHITE
GR - GREEN
BL - BLACK
B - BLUE
OR - ORANGE
RE - RED
BR - BROWN
YE - YELLOW

GAGE SWITCH RATINGS (AMPS)				
DEVICE	120/240VAC	48VDC	125VDC	250VDC
LT/LL/ PRD/RRR	15	1.3	.50	.25
SPC	10	2.0	.50	.25
PS/VS	5	1.0	.40	.20
WTI	15	1.3	.50	.25
TPG	1	-	-	-
LCP	3	-	-	-
U	5	2.0	2.0	N/A

NOTE: AC LOADS = INDUCTIVE P.F. 75%
DC LOADS = NON-INDUCTIVE

LEGEND

- INDICATES PREWIRED DEVICE
- INDICATES REMOTE DEVICE
- 26 INDICATES WIRE HEAT SHRINK NUMBER LABEL
- 26 OR 26 INDICATES TERMINAL BLOCK CONNECTION
- 26 INDICATES INTRINSICALLY SAFE TERM BLOCK CONN
- 12 INDICATES RELAY TERM AND #

- INDICATES SPLICE
- INDICATES NORMALLY CLOSED CONTACT (NC)
- INDICATES NORMALLY OPEN CONTACT (NO)
- INDICATES CUSTOMER CONNECTION
- POLARITY MARK
- INDICATES CT SHORTING PINS - TO BE REMOVED WHEN LOAD IS CONNECTED TO CT
- WIRE COLORS APPLICABLE ONLY WHEN USING CORD CONNECTORS TO SWITCHES

MATERIAL:

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EATON
Powering Business Worldwide

TITLE: SCHEMATIC LT
DESC: COOPER POWER SERIES 3PH PAD

DWG: PTP
DATE: 04/07/15
REF:

SHEET #: 1 of 1
SCALE: 1=1
REV: 00

4257572C0016