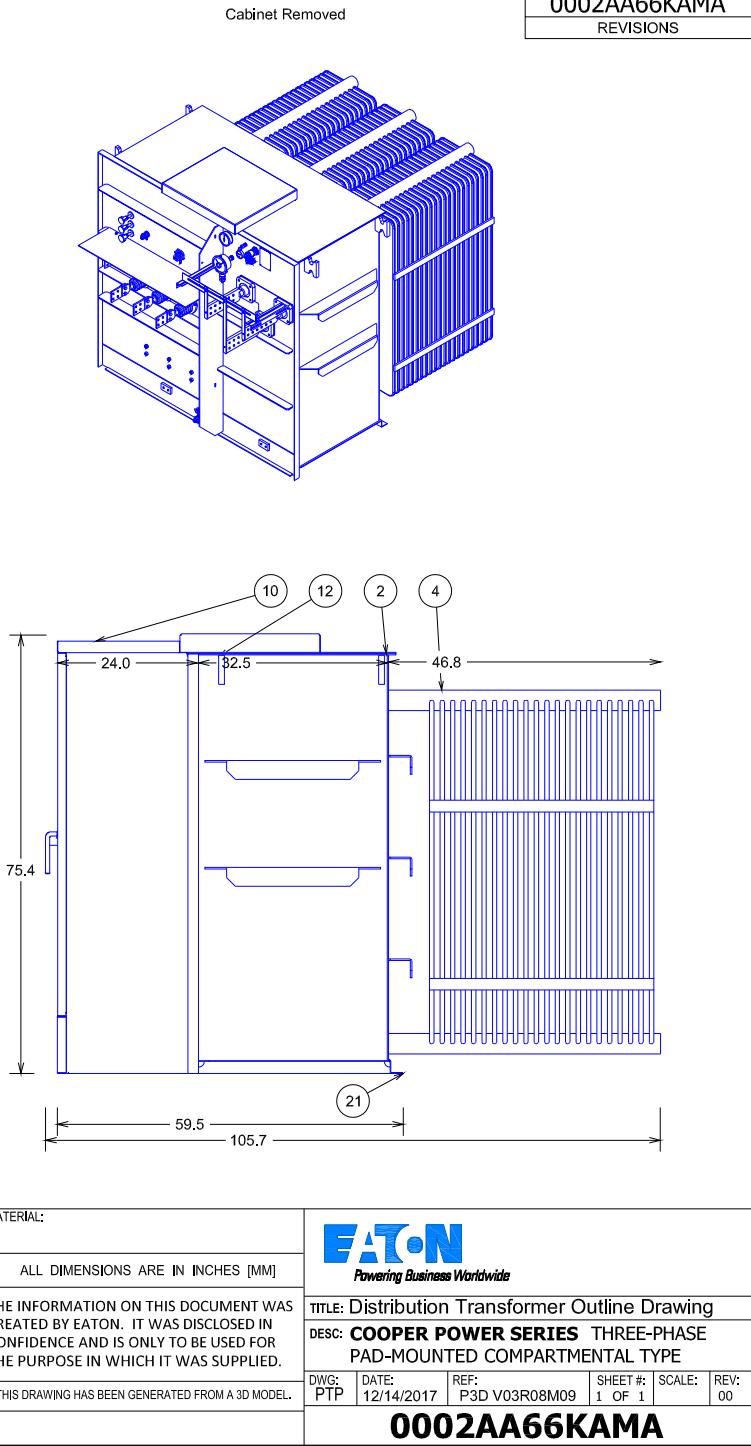
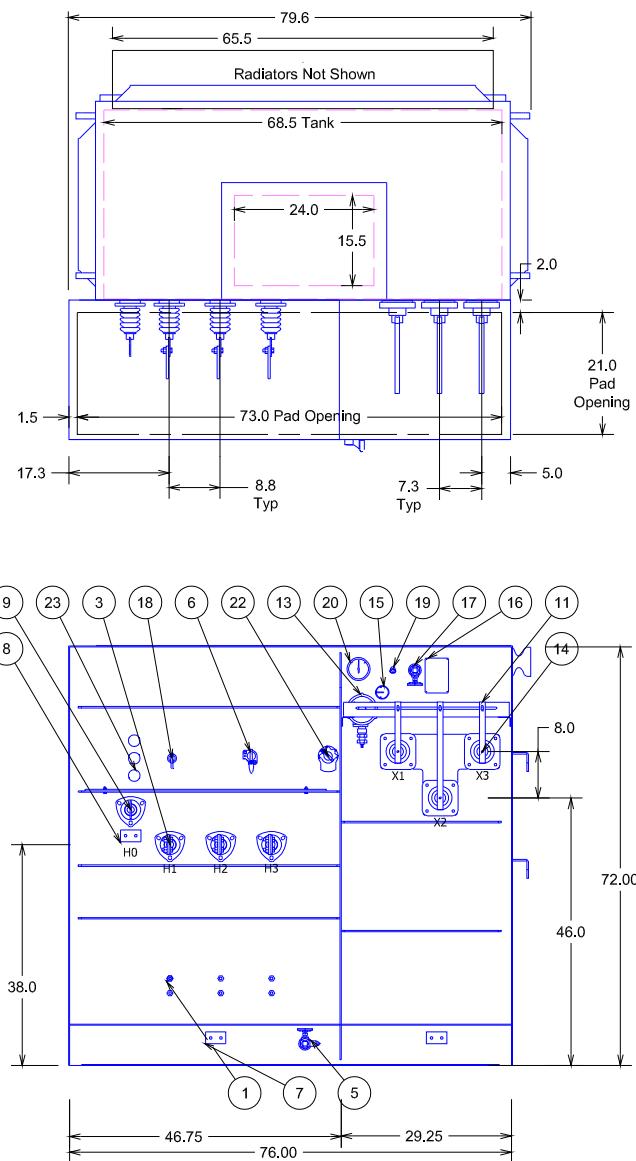


ITE	DESCRIPTION
1	Arrester Mounting Provision
2	Welded Cover w/ Handhole
3	15kV 600 Amp Porcelain HV Bushing w/ 4 Hole Spade
4	Cooling Radiators
5	Drain Valve with Sampler
6	Dual Voltage Switch
7	Ground Pad .50-13 Tap
8	Ground Pad .50-13 Tap
9	H0 Bushing
10	High Security Cabinet w/ Pentahedron Door Bolts
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	Two Position DY 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/2400X7200/12470Y/7200 95 kV BIL
LV 480D 30 kV BIL

5.74 %IZ
Munsell Green Topcoat
Mild Steel Construction
UL Listed

SO 212671119
PO 37727
Customer Name PHILIPS BROTHERS ELECTRICAL

MATERIAL:

ALL DIMENSIONS ARE IN INCHES [MM]

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THE PURPOSE IN WHICH IT WAS SUPPLIED.

THIS DRAWING HAS BEEN GENERATED FROM A 3D MODEL.

EATON
Powering Business Worldwide

TITLE: Distribution Transformer Outline Drawing

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

DRNG: PTP DATE: 12/14/2017 REF: P3D V03R08M09 SHEET #: 1 OF 1 SCALE: REV: 00

0002AA66KAMA

COOPER POWER
SERIES3 ϕ DISTRIBUTION
TRANSFORMER ASSEMBLED
IN WAUKESHA, WI U.S.A

K A S E R 2500	65°C 60Hz		
MCPS N R	C 0002AA66KAMA		
2400/4160Y/2400X7200/12470Y/7200/ONAN			
480	5.74 %IZ @ 85°C MFG DATE		
HV KV BIL 95 HV NEUTRAL KV BIL 95 LV KV BIL 30 HV/LV CONDUCTOR AL / AL	PCB CONTENT LESS THAN 1 PPM AT TIME OF MANUFACTURE CAUTION - READ INSTRUCTION MANUAL MN202001EN TC MUST BE IN 'D' POS. FOR LV OPERATION		
1189610A7165-00			
APPROX. WEIGHT IN LBS.			
CORE & COIL UNTANKING	5705		
TANK & FIT	4865		
FLUID: OIL GALLONS: 567	4224		
TOTAL	14794		
VOLTAGE		MAX AMPS	
TAP	DELTA	WYE	
A	7970	13800	181
B	7620	13200	189
C	7430	12870	194
D	7200	12470	200
E	6930	12000	208
MAX AMPS AT 2500 KVA %IZ AT BASE KVA AND RATED VOLTAGE STEP-UP DISTRIBUTION TRANSFORMER			

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

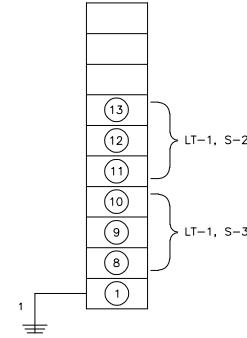
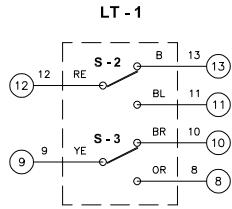
NAMEPLATE MATERIAL: ALUMINUM

212671119,12

1189610A7165
REVISONS

MATERIAL:	EATON Powering Business Worldwide				
ALL DIMENSIONS ARE IN INCHES [MM]					
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DWG:	DATE:	REF:	SHEET #:	SCALE:	REV:
PTP	12/17/2017		1 of 1	1=1	00
1189610A7165					

TB - 1



GAGE SWITCH SETTINGS						
DEVICE	LT 55°C AVR	LT 65°C, 55/65 AVR	LT 75°C, 55/75 AVR	WTI 55°C, 65/65 AVR	WTI 75°C, 55/75, 65/75 AVR	WTI 75°C, 55/75, 65/75 AVR
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

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 #

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

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

MATERIAL:

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

DWG: PTP DATE: 04/07/15 REF: 1 of 1 SHEET #: 1=1 SCALE: REV: 00