



Powering Business Worldwide

Detail Bill of Material

Project Name: PARKLINE-E-3822
General Order No:

Negotiation No: D64M0224X6K3
Alternate No: 0000

Item No.	Qty	Product	Description
0011	2	Panelboards E-1	18Circuits, 100A, Fully Rated, 208Y/120V 3Ph 4W, Aluminum Bus, 10k AIC, 100A, 3P BAB-H Main Breaker[Top Fed], Surface Mounted
		1-EA. HP	
		1-EA. 1P/LP	
		Catalog No	P1A100BT24AH01
		Designation	

Qty	List of Materials
1	100A, 3P BAB-H Main Breaker
2	30A, 2P BAB Branch Breaker
6	20A, 1P BAB Branch Breaker
8	1P BAB Branch Provision Only
1	Std. Bolted Al Ground Bar (Al/Cu Cable)
1	Panel Nameplate - White with Black Letters
1	Service Entrance Label
1	Type 1 Enclosure: EZB2036R
1	EZ Trim, Door in Door, Concealed Hardware: EZT2036S

VOGT POWER INTERNATIONAL

Released, Work May Proceed

Bell, Milton

Oct-06-2016

Item No.	Qty	Product	Description
0021	2	Panelboards E-2	18Circuits, 225A, Fully Rated, 480Y/277V 3Ph 4W, Copper Bus, 14k AIC, 200A, 3P FD Main Breaker[Top Fed], Surface Mounted
		Catalog No	P2D225BT18CH01
		Designation	

Qty	List of Materials
1	200A, 3P FD Main Breaker
1	45A, 3P GHB Branch Breaker
3	30A, 3P GHB Branch Breaker
6	1P GHQ Branch Provision Only
1	Copper Main Bus, 225 Amps
1	Std. Bolted Cu Ground Bar (Cu Cable Only)
1	Panel Nameplate - White with Black Letters
1	Service Entrance Label
1	Type 1 Enclosure: EZB2036R
1	EZ Trim, Door in Door, Concealed Hardware: EZT2036S

Item No.	Qty	Product	Description
003	2	Dry Type Transformers E-3	Transformer Type: General Purpose Vented 3 Phase, 30 KVA, 1 K-Factor 480 Primary Volts 208Y/120 Secondary Volts Temperature Rise 150C with 220C Insulation System Aluminum Winding Material Sound Reduction : 0 NEMA ST-20 Audible Sound Level: 45 Efficiency : DOE 10 CFR Part 431 (2016) UL Listed : Y Enclosure Type: NEMA 2 (N3R w/opt'l weathershield) Operating Frequency: 60 HZ
		Catalog No	V48M28T3016
		Designation	

VOGT POWER INTERNATIONAL

V17494-BEXD-5022-01

25-Aug-2016



Powering Business Worldwide

Detail Bill of Material

Page 2 of 2

Project Name: PARKLINE-E-3822
General Order
No:

Negotiation No: D64M0224X6K3
Alternate No: 0000

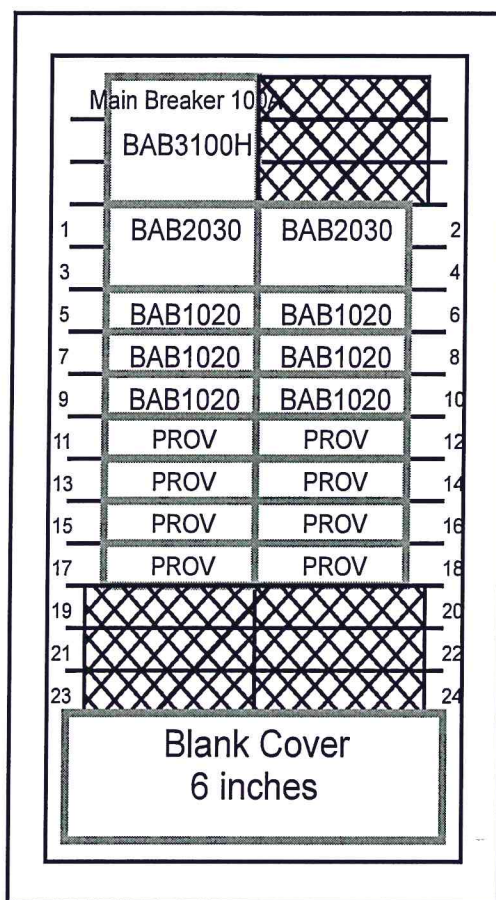
Qty List of Materials

2

3 Phase, 30 KVA, 480 Primary Volts, 208Y/120 Secondary Volts, 150C with
220C Insulation System Temperature Rise, Aluminum Winding Material, 60
HZ

Eaton Selling Policy 25-000 applies.

All orders must be released for manufacture within 90 days of date of order entry. If approval drawings are required, drawings must be returned approved for release within 60 days of mailing. If drawings are not returned accordingly, and/or if shipment is delayed for any reason, the price of the order will increase by 1.0% per month or fraction thereof for the time the shipment is delayed.



General Information

(Section 1 of 1)

Service Voltage: 208Y/120V 3Ph 4W Enclosure: Type 1
 Bus Rating & Type: 100A Aluminum Neutral Rating: 100A
 Ground Bar: Std. Bolted Aluminum, Al or Cu cable
 S.C. Rating: 10k A.I.C. Fully Rated

Main Device Type: Main Breaker - Top Cable Entry
 Main Terminals: Mechanical - (1) #8-1/0 (Cu/Al)
 Neutral Terminals: Mechanical - (1) #14-1/0 (Cu/Al)
 Box Catalog No.: EZB2036R
 Trim: EZ Trim, Door in Door, Concealed Hardware (EZT2036S)

Surface Mounted

Box Dimensions: 36.00" [914.4mm]H x 20.00" [508.0mm]W x 5.75" [146.1mm]D
 Min. Gutter Size: Top = 5.5" [139.7mm] Bottom = 5.5" [139.7mm]
 Left = 6.0" [152.4mm] Right = 6.0" [152.4mm]

Panel ID Nameplate: (1)
 Type: Plastic, adhesive-backed (2) 208Y/120V 3Ph 4W
 Color: White with Black Letters (3)

UL
 Service Entrance Label Y

Trim Lock: Standard Lock & Key (Keyed WEM2)
 Circuit Directory: Plastic Sleeve with Card
 Main Circuit Breaker Trip Type: Thermal-Magnetic.

Device Modifications:

Ref #	Description

Branch Devices

Qty	Poles	Trip	Frame	Amps	kAIC
6	1	20	BAB	100	10
2	2	30	BAB	100	10
8	1		PROV		

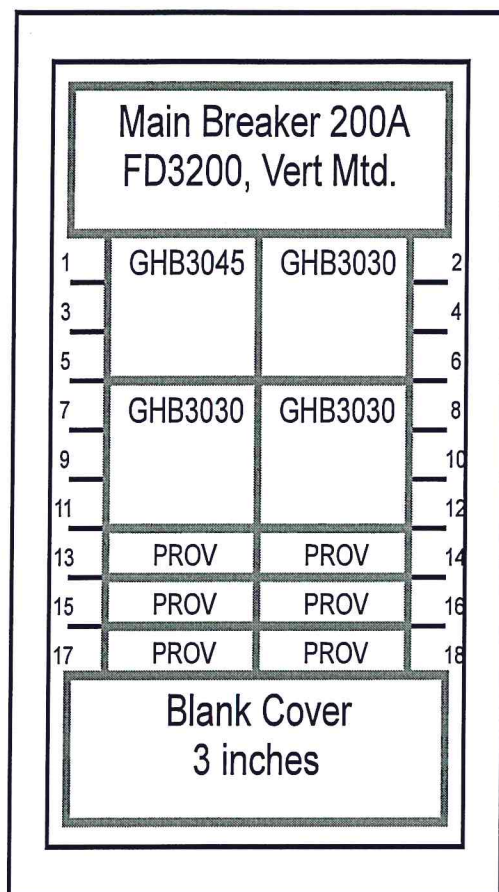
Main Devices

Qty	Poles	Trip	Frame	Amps	kAIC
1	3	100	BAB-H	100	10

Notes:

The information on this document is created by Eaton Corporation. It is disclosed in confidence and it is only to be used for the purpose in which it is supplied.

PREPARED BY THOMAS CLAY	DATE 2/24/2016	Eaton			
APPROVED BY	DATE	JOB NAME	PARKLINE-E-3822		
VERSION 1.0.0.5		DESIGNATION			
		TYPE PRL1a	DRAWING TYPE Customer Approval		
NEG-ALT Number D64M0224X6K3-0000	REVISION 0	DWG SIZE A	G.O.	ITEM 001I	SHEET 1 of 1



General Information

(Section 1 of 1)

Service Voltage: 480Y/277V 3Ph 4W
Bus Rating & Type: 225A Copper
Ground Bar: Std. Bolted Copper, Cu cable only
S.C. Rating: 14k A.I.C. Fully Rated

Enclosure: Type 1
Neutral Rating: 225A

Main Device Type: Main Breaker - Top Cable Entry
Main Terminals: Mechanical - (1) #14-4/0 (Cu/Al)
Neutral Terminals: Mechanical - (1) #6-300 kcmil (Cu/Al)
Box Catalog No.: EZB2036R
Trim: EZ Trim, Door in Door, Concealed Hardware (EZT2036S)

Surface Mounted

Box Dimensions: 36.00" [914.4mm]H x 20.00" [508.0mm]W x 5.75" [146.1mm]D
Min. Gutter Size: Top = 5.5" [139.7mm] Bottom = 5.5" [139.7mm]
 Left = 5.75" [146.1mm] Right = 5.75" [146.1mm]

Panel ID Nameplate: (1)
Type: Plastic, adhesive-backed (2) 480Y/277V 3Ph 4W
Color: White with Black Letters (3)

UL

Service Entrance Label

Non-Interchangeable Main Device

Trim Lock: Standard Lock & Key (Keyed WEM2)
 Circuit Directory: Plastic Sleeve with Card
 Main Circuit Breaker Trip Type: Thermal-Magnetic.

Device Modifications: Ref # Description

Branch Devices

Qty	Poles	Trip	Frame	Amps	kAIC
3	3	30	GHB	100	14
1	3	45	GHB	100	14
6	1		PROV		

Main Devices

Qty	Poles	Trip	Frame	Amps	kAIC
1	3	200	FD	225	14

Notes:

The information on this document is created by Eaton Corporation. It is disclosed in confidence and it is only to be used for the purpose in which it is supplied.

PREPARED BY
THOMAS CLAY

DATE
2/24/2016

Eaton

APPROVED BY

DATE

JOB NAME

PARKLINE-E-3822

VERSION

1.0.0.5

TYPE

PRL2a

DRAWING TYPE

Customer Approval

NEG-ALT Number

D64M0224X6K3-0000

REVISION

0

DWG SIZE

A

G.O.

ITEM

002I

SHEET

1 of 1

Dry-Type Transformers General Information

- Standard Transformer Catalog Number: V48M28T3016
- Transformer Type: General Purpose Vented
- Phase: 3
- kVA: 30
- Primary Volts: 480
- Secondary Volts: 208Y/120
- Temperature Rise: 150C with 220C Insulation System
- Winding Material: Aluminum
- Enclosure Type: NEMA 2 (N3R w/opt'l weathershield)
- Frequency (Hz): 60
- Easy Install: N
- Frame: 940
- Wiring Diagram: 280B
- Weight (lbs.): 347
- Impedance (%): 2.52
- UL Listed: Y

Standard Values

- K-Factor: 1
- TAPS: 2@+2.5%, 4@-2.5%
- Sound Reduction (dB): 0
- NEMA ST20 Sound Level (dB): 45
- DOE 10 CFR Part 431 (2016) Efficient: Y
- Infrared Viewing Window: None

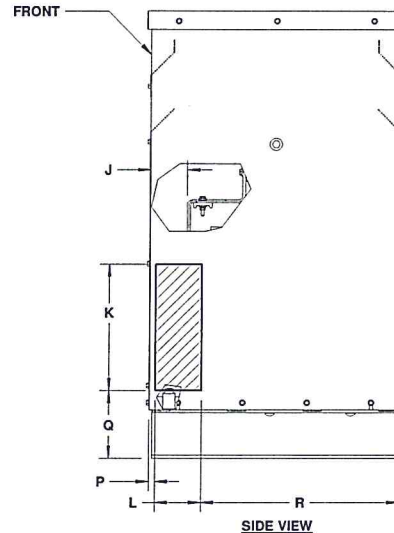
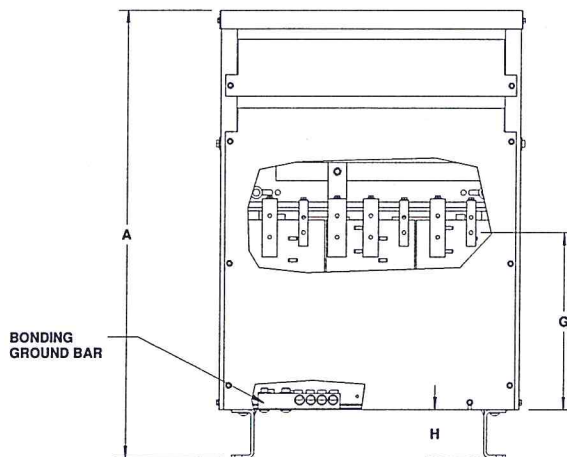
Field-Installed Accessories Included

- Lug Kit: Not Included

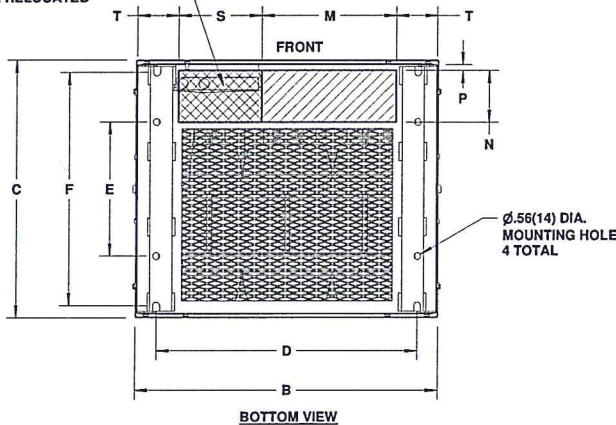
The information on this document is created by Eaton. It is disclosed in confidence and it is only to be used for the purpose in which it is supplied.	PREPARED BY	DATE	Eaton		
	THOMAS CLAY	2/24/2016			
	APPROVED BY	DATE	JOB NAME	PARKLINE-E-3822	
			DESIGNATION		
	VERSION		TYPE	DRAWING TYPE	
	1.0.0.1		Dry-Type Transformer	Customer Appr.	
NEG-ALT Number	REVISION	DWG SIZE	G.O.	ITEM	SHEET
D64M0224X6K3-0000	0	A		003	1 of 1

NOTE:

1. ALL UNITS ARE DESIGNED IN ACCORDANCE WITH APPLICABLE NEMA, UL, ANSI, AND IEEE STANDARDS.
2. DRY-TYPE VENTILATED, CLASS AA, NEMA TYPE 2 ENCLOSURE.
3. FOR NEMA 3R OUTDOOR APPLICATION, USE WEATHERSHIELD # WS58.
4. TRANSFORMERS ARE FLOOR-MOUNTED. USE WALL-MOUNT BRACKET WMB05 FOR WALL-MOUNTING.
5. 220°C CLASS INSULATION SYSTEM.
6. PAINT COLOR IS ANSI #61.
7. ALUMINUM UNITS HAVE ALUMINUM WINDINGS AND TERMINATIONS. COPPER UNITS HAVE COPPER WINDINGS AND TERMINATIONS.
8. MINIMUM CLEARANCE OF 2 INCHES FROM THE BACK AND SIDES WHEN INSTALLED INDOORS, AND 6 INCHES FROM THE BACK WHEN WEATHERSHIELDS ARE INSTALLED.



IF CABLE ENTRY IS REQUIRED IN THIS AREA BONDING GROUND BAR MAY NEED TO BE RELOCATED BY INSTALLER.



USE K x L BOTH SIDES, AND (M+S) x N ON BOTTOM AS RECOMMENDED CABLE ENTRY LOCATIONS.

DIMENSIONS IN INCHES (mm)

FRAME	A	B	C	D	E	F	G	H	J	K
FR940	36.88(937)	24.88(632)	21.13(537)	21.44(545)	11.00(279)	19.13(486)	14.53(369)	4.00(102)	3.00(76)	10.39(264)
	L	M	N	P	Q	R	S	T	U	
	3.78(96)	10.84(275)	4.25(108)	0.50(13)	5.59(142)	16.26(413)	6.81(173)	3.40(86)	---	

REV.2 OCT/15

THIS DIMENSION DRAWING IS FOR REFERENCE ONLY. IT IS NOT TO BE REGARDED AS INDICATING THE EXACT DETAILS OF CONSTRUCTION.

PRODUCT CODE: -		FEDERAL ID NO. -		DFTR J.C.SOTO	DATE 10/29/2015	THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON CORPORATION. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.		EATON	
				APPD D.GARCIA	DATE 10/29/2015	TITLE DRY TYPE TRANSFORMER OUTLINE			
				S.O.		TYPE DRY TYPE TRANSFORMERS		OUTLINE	
2	ECO-092218	J.C.SOTO	D.GARCIA	11/4/2015	REVISION 2		G.O.	DWG FR940	SHEET 1 OF 1
REV DESCRIPTION									
REVISIONS									

GO/NEG-Alt-Date:
D64M0224X6K3-0000-2/24/2016

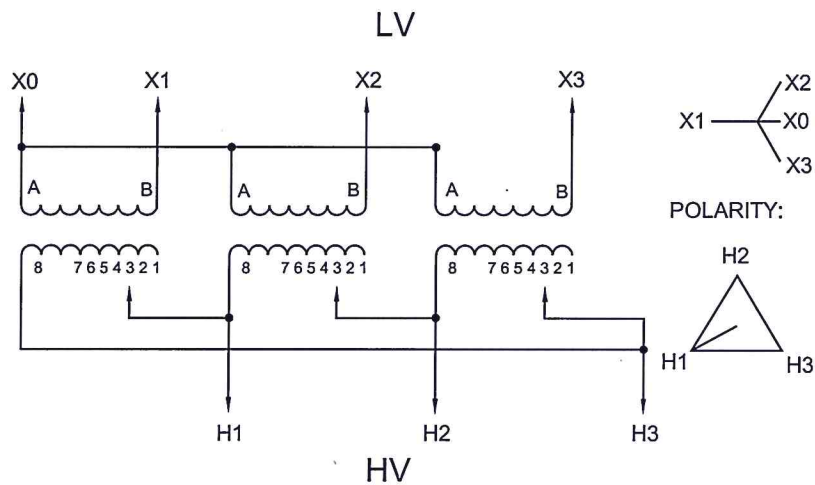
Job Name:
PARKLINE-E-3822

Item Number:
003

Catalog Number:
V48M28T3016

Designation:

VOLTS	TAP
504	1
492	2
480	3
468	4
456	5
444	6
432	7



PRODUCT CODE: TRANSFORMERS		FEDERAL ID NO.		DFTR HEG	DATE 12/01/01	THE INFORMATION ON THIS DOCUMENT WAS CREATED BY EATON CORPORATION. IT WAS DISCLOSED IN CONFIDENCE AND IS ONLY TO BE USED FOR THE PURPOSE IN WHICH IT WAS SUPPLIED.		EATON						
APPD		DATE 12/01/01		TITLE DRY TYPE TRANSFORMER WIRING SCHEMATIC										
S.O.				TYPE DRY TYPE TRANSFORMER				WIRING						
REV	DESCRIPTION	DFTR	APPD	DATE	REVISION 04	G.O.	DWG 280B	SHEET 1 OF 01						
<table border="1"> <tr> <td>4</td> <td>UPDATE FORMAT EATON & CHANGE DESC. TO HV/LV</td> <td>J.C.S.</td> <td>C.B.</td> <td>10/JUN/14</td> </tr> </table>										4	UPDATE FORMAT EATON & CHANGE DESC. TO HV/LV	J.C.S.	C.B.	10/JUN/14
4	UPDATE FORMAT EATON & CHANGE DESC. TO HV/LV	J.C.S.	C.B.	10/JUN/14										

GO/NEG-Alt-Date: D64M0224X6K3-0000-2/24/2016		Job Name: PARKLINE-E-3822
Item Number: 003	Catalog Number: V48M28T3016	Designation: