

Switchboard General Information

Pow-R-Line C - Specifications

Quantity: 1

Alignment: Front Access/ Front and Rear Align

Service: 120/240V 1-Phase 3-Wire

Lowest Breaker Interrupt Rating: 18 kA

Bus Specifications

Bus Amps: 600

Bus Bracing Rating: 65kA

Neutral Amps: 600

Bus Material: Aluminum

Heat Test

Ground Bus Material: Aluminum .25 X 2.0 Ground Bus Bolted To Frame, (1) #6-350 kcmil Ground Lug

Incoming Information

Terminals, Mechanical, Bottom, (2) #4-500 kcmil

Incoming Entry: Bottom

Incoming Location: Left

Incoming Qty & Size: Terminals, Mechanical, Bottom, (2) #4-500 kcmil

Structure Specifications

Non Service Entrance

Enclosure Type: Type 3R (nonwalk-in) Sloped Roof

Seismic Label (IBC/CBC Seismic Qualified) - Freestanding

Refer to seismic installation data sheet TD01508002E and drawing 1A32498 for details.

Utility Specifications

Struct # 1

600 Amps Util. Mtr. Compt. - PACIFIC GAS & ELECTRIC

Utility Service Requirements Page References:

Lug Drillings Per Dwg. : PG&E 10-29,30,31,32 and EUSERC 347

CT Compartment Per Dwg. PG&E 10-2,3,4,5,6 and EUSERC 319

Meter Door per Dwg. PG&E 10-4,34,36 and EUSERC 332

6J Meter Socket(s)

2 Drillings

None

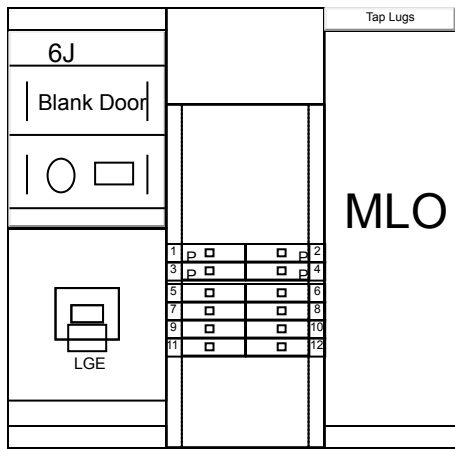
Enclosure properties

Struct #

Description/Modifications

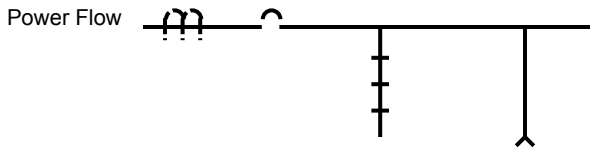
Struct #	Description/Modifications
1	Utility Structures (Utility Structure) Solid bottom plate
2	38x chassis mounted feeders (Feeder Structure) Solid bottom plate
3	Bussed structure with incoming main lugs (Incoming Auxiliary Pull Section) Solid bottom plate

<p>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.</p>	PREPARED BY	DATE	Eaton SumterSC		
	Brent Newman	10/9/2018			
	APPROVED BY	DATE	JOB NAME	CDK GEAR A-1	
		DESIGNATION	GEAR		
	VERSION	TYPE	DRAWING TYPE		
	9.0.13.0	Switchboards	CustAppr		
NEG-ALT Number	REVISION	DWG SIZE	G.O.	ITEM	SHEET
A4181008X8K2-0000	0	DwgA			1 of 4

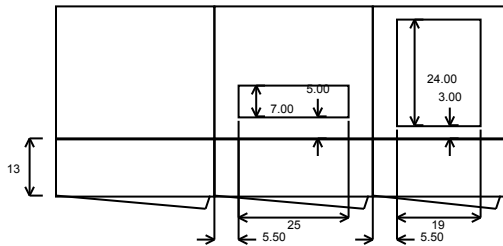


Front View

Struct	1 *	2 *	3 *
Depth	30	30	30
Width	36	36	30



Floor Plan



Structure	1	2	3			
Ship-Inches	36.00	36.00	30.00			
Ship-MM	914	914	762			
Width-Inches	36.00	36.00	30.00			
Width-MM	914	914	762			
Depth(Inner)-In.	30.00	30.00	30.00			
Depth(Inner)-MM	762	762	762			
Depth(Outer)-In.	43.00	43.00	43.00			
Depth(Outer)-MM	1092	1092	1092			
Height-Inches	90.00	90.00	90.00			
Height-MM	2286	2286	2286			
Weight-Lbs.(Est.)	612	411	308			
Weight-Kg.(Est.)	277	186	139			

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 Brent Newman	DATE 10/9/2018	Eaton		SumterSC	
APPROVED BY	DATE	JOB NAME CDK GEAR A-1	DESIGNATION GEAR		
VERSION 9.0.13.0	TYPE Switchboards	DRAWING TYPE CustAppr			
NEG-ALT Number A4181008X8K2-0000	REVISION 0	DWG SIZE DwgA	G.O.	ITEM	SHEET 2 of 4

Switchboard Units Information

Str#	Unit	Description/Modifications	Nameplate
1		Main Breaker - Ind Mtd-600A 2P [LGE 600A Frame], Trip 600A., 400A 310+, LSI 600A Utility Metering - PACIFIC GAS & ELECTRIC	
2	1	Feeder Breaker - Chassis Mtd-2P [HFD 225A Frame] Provision, PROVISIONS FOR BREAKER ONLY Neutral Terminal, (1) #6-350 kcmil	
	10	Feeder Breaker - Chassis Mtd-200A 2P [EDB 225A Frame], Trip 200A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
	11	Feeder Breaker - Chassis Mtd-200A 2P [EDB 225A Frame], Trip 200A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
	12	Feeder Breaker - Chassis Mtd-200A 2P [EDB 225A Frame], Trip 200A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
	2	Feeder Breaker - Chassis Mtd-2P [HFD 225A Frame] Provision, PROVISIONS FOR BREAKER ONLY Neutral Terminal, (1) #6-350 kcmil	
	3	Feeder Breaker - Chassis Mtd-2P [HFD 225A Frame] Provision, PROVISIONS FOR BREAKER ONLY Neutral Terminal, (1) #6-350 kcmil	
	4	Feeder Breaker - Chassis Mtd-2P [HFD 225A Frame] Provision, PROVISIONS FOR BREAKER ONLY Neutral Terminal, (1) #6-350 kcmil	
	5	Feeder Breaker - Chassis Mtd-60A 2P [EHD 100A Frame], Trip 60A., Thermal Mag Terminals, Mechanical, (1) #14-1/0 Neutral Terminal, (1) #14-1/0	
	6	Feeder Breaker - Chassis Mtd-50A 2P [EHD 100A Frame], Trip 50A., Thermal Mag Terminals, Mechanical, (1) #14-1/0 Neutral Terminal, (1) #14-1/0	
	7	Feeder Breaker - Chassis Mtd-125A 2P [FDB 150A Frame], Trip 125A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
	8	Feeder Breaker - Chassis Mtd-125A 2P [FDB 150A Frame], Trip 125A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
	9	Feeder Breaker - Chassis Mtd-200A 2P [EDB 225A Frame], Trip 200A., Thermal Mag Terminals, Mechanical, (1) #4-4/0 Neutral Terminal, (1) #6-350 kcmil	
3			

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	DATE	Eaton SumterSC		
	Brent Newman	10/9/2018			
	APPROVED BY	DATE	JOB NAME	CDK GEAR A-1	
		DESIGNATION	GEAR		
	VERSION	TYPE	DRAWING TYPE		
	9.0.13.0	Switchboards	CustAppr		
NEG-ALT Number	REVISION	DWG SIZE	G.O.	ITEM	SHEET
A4181008X8K2-0000	0	DwgA			3 of 4

Line Side Tap Lugs, Mechanical, Top Exit, (2) 3/0-750 kcmil

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 Brent Newman	DATE 10/9/2018	Eaton		SumterSC
	APPROVED BY	DATE	JOB NAME CDK GEAR A-1	DESIGNATION GEAR	
	VERSION 9.0.13.0	TYPE Switchboards	DRAWING TYPE CustAppr		
NEG-ALT Number A4181008X8K2-0000	REVISION 0	DWG SIZE DwgA	G.O.	ITEM	SHEET 4 of 4