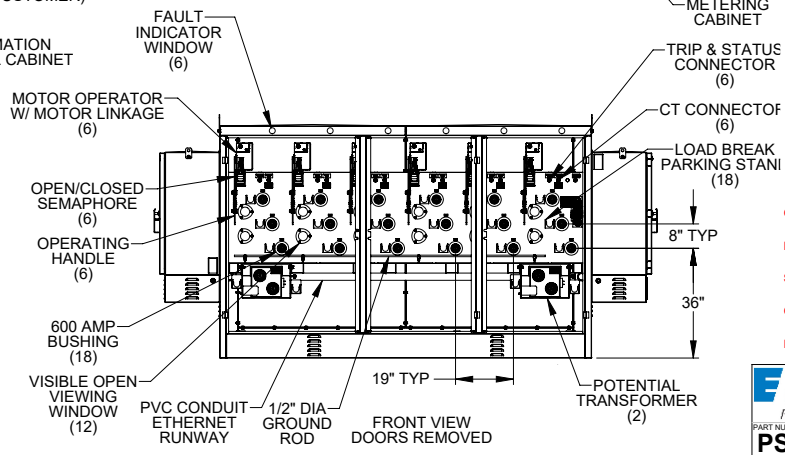
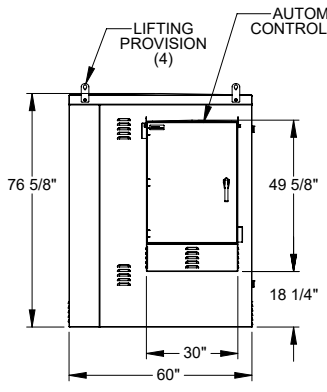
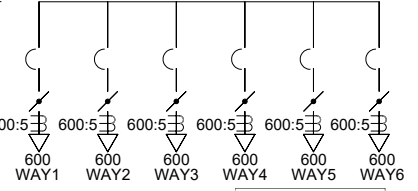
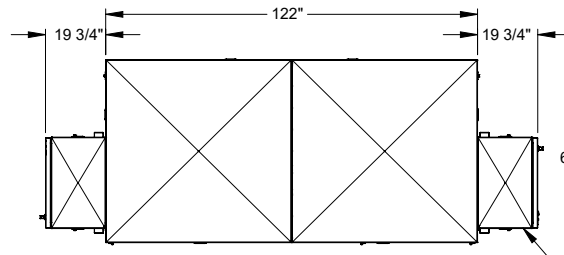
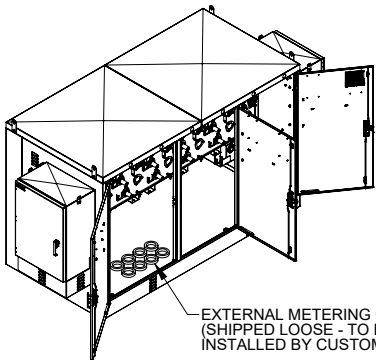


REVISIONS			
REV.	DESCRIPTION	INITIALS	DATE



**CUSTOMER APPROVAL - Engineer of Record**  
 PRINT NAME: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**Eaton**  
 Powering Business Worldwide  
 1765 W. 160th STE 100  
 Broomfield, CO 80023

**PS606066666-102A-A01-P2**

DESCRIPTION: PAD MOUNT, SINGLE SIDED, 15.5KV, 12.5KA, 6WAY, 6WAY VFI PROTECTED WITH VOIP

DRAWING NUMBER: **PS606066666-102A-A01-P2-OL** REV: 1-01

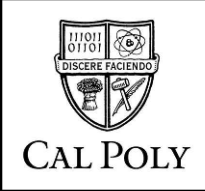
DO NOT SCALE DRAWING (PS606066666-102A-A01-P2-CL) 1 OF 4

**PROJECT NAME:**  
 Cal Poly SLO

MATERIAL: <b>304 STAINLESS STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FINISH: MUNSELL 7GY3.29/1.5 (HAMMERTONE)	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ± 1/16
WEIGHT: SEE NOTES	

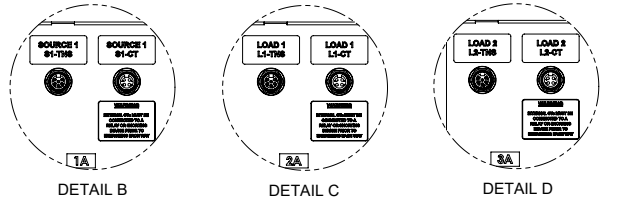
ENG: <b>K YANG</b>	DATE: <b>23 AUG 2024</b>
DRAWN: <b>K YANG</b>	DATE: <b>23 AUG 2024</b>
ENG APPR:	DATE:
ALL DIMENSIONS PER ASME Y14.5 1994	

STANDARD CURRENT AS OF: <b>01/01/2025</b>
APPROVED BY: <b>FMD</b>
NOTES:



**SDS 15KV**

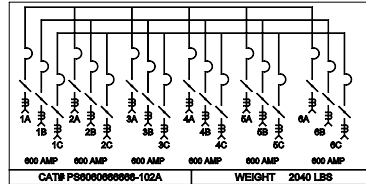
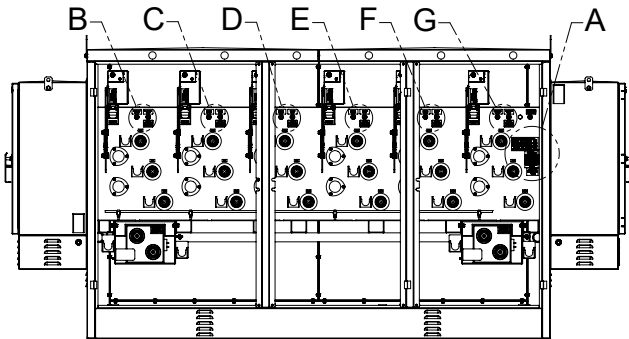
**D11-1**



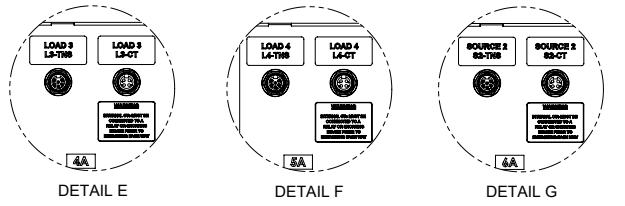
DETAIL B

DETAIL C

DETAIL D



DETAIL A NAMEPLATE DETAIL



DETAIL E

DETAIL F

DETAIL G

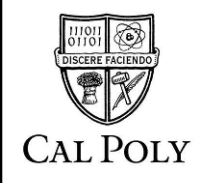
CAT# PS606066666-102A		WEIGHT 2040 LBS
<b>EATON</b> 180-810		
FAULT INTERRUPTER SWITCH		
MAXIMUM VOLTAGE	15.5 KV	
CONTINUOUS CURRENT	600 AMPS	
INTERRUPTING CURRENT [SYM]	12.5 KA	
INTERRUPTING CURRENT [ASYM]	20.0 KA	
PEAK CURRENT	32.5 KA	
FAULT CLOSE [SYM]	12.5 KA	
IMPULSE WITHSTAND VOLTAGE	125 kV	
POWER FREQUENCY	60 HZ	
CURRENT TRANSFORMER RATIO	600:5 RATIO	
<b>EATON</b> 180-810		
180Y1XXXX		
—/20YY		

<b>EATON</b> <i>Powering Business Worldwide</i>	5069 Silver Peaks Ave. Suite #6 Dacono, CO 80514	
	PART NUMBER	REV
2 OF 4	PS606066666-102A-A01-P2	1-01

STANDARD CURRENT AS OF: 01/01/2025

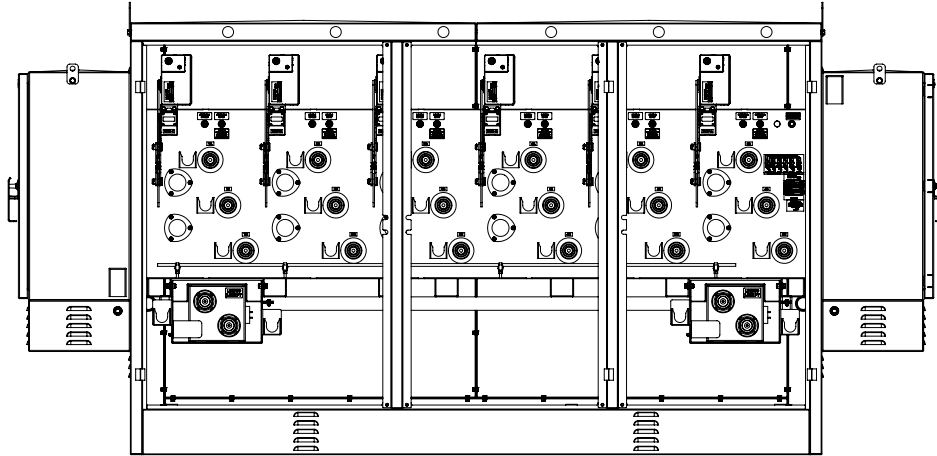
APPROVED BY: FMD

NOTES:



SDS 15kV

D11-2



PACKAGE INCLUDES (NOT SHOWN ON DRAWING)

- (6) M/F 4-PIN CABLES - CT CONNECTION TO CONTROL CABINET
- (6) M/F 6-PIN CABLES - TRIP AND STATUS CONNECTION TO CONTROL CABINET
- (6) M/F 7-PIN CABLES - MOTOR OPERATOR CONNECTION TO CONTROL CABINET
- (2) FEMALE PLUG/PIGTAIL 3-PIN CABLES - INSTALLED ON PTS
- (2) M/F 4-PIN CABLES - PT VOLTAGE / 120VAC CONNECTION TO METERING CABINET
- (6) 25FT ETHERNET CABLES W/ SHIELDED CABLE SLEEVE - CONTROL CABINET TO METERING CABINET
- (6) CT SHORTING PLUGS
- (6) ELBOW VOLTAGE SENSORS
- (1) ALTERNATIVE DECAL PACK

APPROXIMATE SYSTEM WEIGHTS

- SWITCH TANK: 2040 LBS
- GROUND ROD: 7 LBS
- ENCLOSURE: 1315 LBS
- MOTOR OPERATORS: 35 LBS EACH
- POTENTIAL TRANSFORMERS: 145 LBS EACH
- CONTROL CABINET: 500 LBS
- METERING CABINET: 500 LBS

PTS: 15KV, 12000/12000 LINE TO LINE: 100:1 RATIO  
 ELBOW VS: 1400:1 RATIO, 17 FT CABLES, 0-5.14VAC OUTPUT  
 EXTERNAL CTS: 400:5 RATIO, CT-0010

		5069 Silver Peaks Ave. Suite #6 Dacono, CO 80514	
		Powering Business Worldwide	
3 OF 4	PART NUMBER	PS606066666-102A-A01-P2	REV
			1-01

STANDARD CURRENT AS OF: 01/01/2025

APPROVED BY: FMD

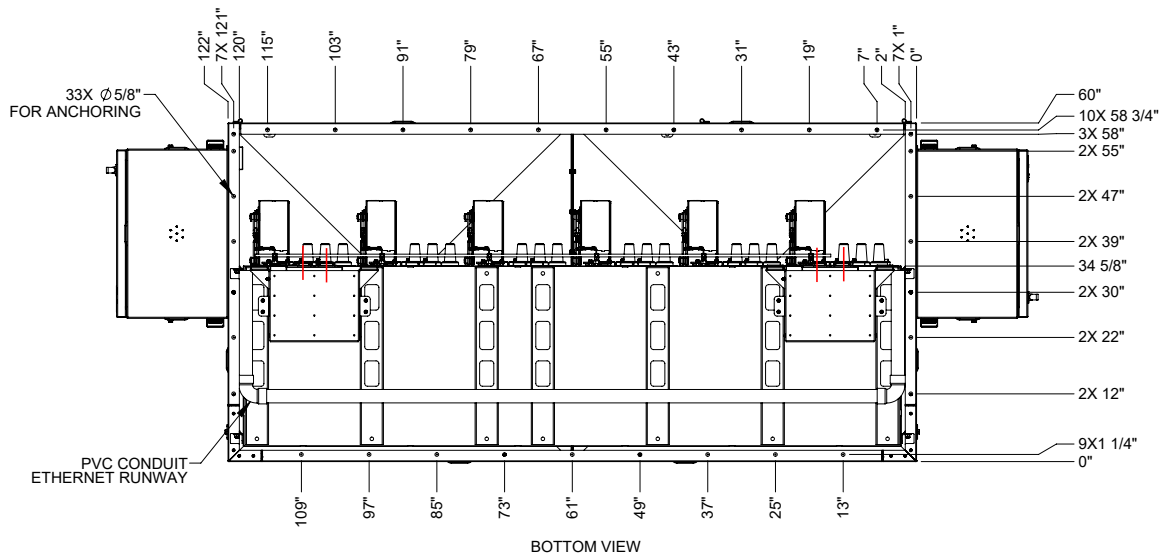
NOTES:



CAL POLY

SDS 15KV

D11-3



	5069 Silver Peaks Ave, Suite #6 Dacono, CO 80514	
	4 OF 4	PART NUMBER <b>PS6060666666-102A-A01-P2</b>

STANDARD CURRENT AS OF: 01/01/2025

APPROVED BY: FMD

NOTES:



CAL POLY

SDS 15kV

D11-4