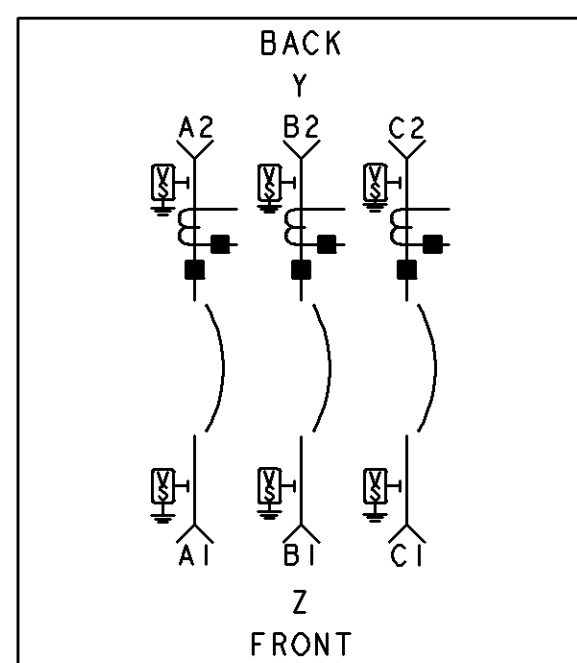
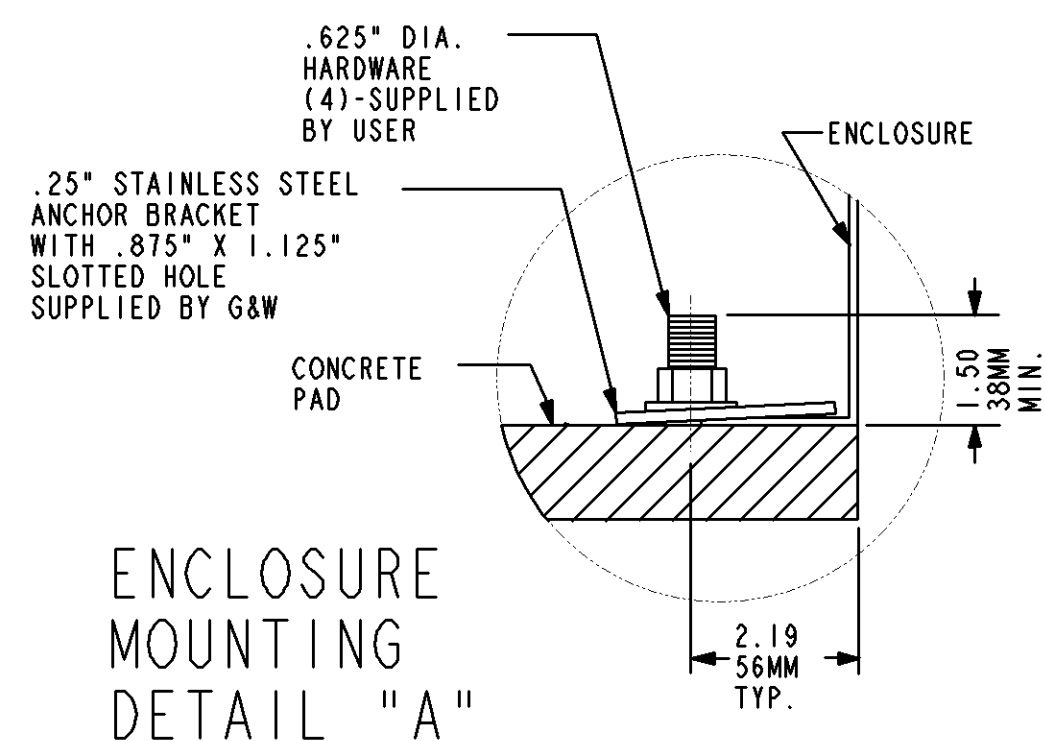


RECLOSER ELECTRICAL INFORMATION SEE NOTES FOR LIMITATIONS		
RATED VOLTAGE (MAXIMUM)	15.5	KV
IMPULSE LEVEL ( BIL )	110	KV
CONTINUOUS CURRENT, RMS SYM	800	AMP
CURRENT INTERRUPTING, RMS SYM	12.5	KA
AC 1 MIN. WITHSTAND ( DRY )	35	KV
DC 15 MIN. WITHSTAND	53	KV
MOMENTARY CURRENT, RMS ASYM	20.0	KA
MAKING CURRENT, RMS ASYM	20.0	KA
SHORT-TIME WITHSTAND RATING (3 SEC. DURATION), RMS SYM	12.5	KA



IN SERVICE WEIGHT APPROX. 1600 LBS / 727 KG  
SHIPPING WEIGHT APPROX. 2000 LBS / 909 KG



### RECLOSER SPECIFICS:

- RECLOSER IS EQUIPPED WITH A CONTROL: SEL651R22CXGA8AE211330XX (9163XXXX1991-1)
- CONTROLLER WEIGHT: 150 LBS APPROXIMATE.
- CONTROL CABLE IS CONNECTORIZED ON BOTH ENDS. CABLE LENGTH 10 FT.
- CABLES FROM MODULES ARE HARDWIRED INTO JUNCTION BOX.
- CT RATIO FACTORY SET AT 500:1 RATIO.
- VIPER IS EQUIPPED WITH SIX VOLTAGE SENSORS. THREE INTERNAL LOW ENERGY ANALOG (LEA) VOLTAGE SENSORS ARE LOCATED ON THE Y SIDE AND THREE INTERNAL LEA VOLTAGE SENSORS ARE LOCATED ON THE Z SIDE.
- MAXIMUM OUTPUT OF INTERNAL LEA VOLTAGE SENSOR IS 5 VAC WITH A 10,000:1 RATIO.
- INTERNAL LEA VOLTAGE SENSING IS CALIBRATED AT THE FACTORY USING RATIO CORRECTION FACTORS (RCFS) PROVIDED WITH THE VIPER.
- RCFS ARE PROGRAMMED INTO THE CONTROL PAIRED WITH THE VIPER. RCFS MUST BE REPROGRAMMED IF A DIFFERENT CONTROL IS USED. SEE LABEL INCLUDED WITH THE CONTROL FOR RCF VALUES AND EQUIVALENT PT RATIO.
- ONLY USE 38KV IEEE INTERFACE ELBOWS REGARDLESS OF THE VOLTAGE LEVEL.
- 3-PIN PT CABLE IS CONNECTORIZED ON THE CONTROL END. CABLE LENGTH 10 FT.

ENTRANCES	BUSHING ELECTRICAL CHARACTERISTICS	IEEE 386 INTERFACE
Y	15.5KV 800A DEADBREAK APPARATUS BUSHING	INTERFACE 13
Z	15.5KV 800A DEADBREAK APPARATUS BUSHING	INTERFACE 13

PRINT IDENTIFICATION	
DATE 11-30-17	G&W NO. 67584
CUSTOMER SIEMENS INDUSTRY INC - MC IMA083	
ORDER NO. 4506515263	
<input checked="" type="checkbox"/> FOR RECORD	ITEM NO. 1.0
<input type="checkbox"/> FOR APPROVAL-NO MORE WORK TO BE DONE UNTIL APPROVAL IS RECEIVED	CT RATIO 500:1
CONTROLLER NO. SEL651R22CXGA8AE211330XX (9163XXXX1991-1)	
<input type="checkbox"/> DC/DC OPTION USES OUTPUT	

\* ALL PRIMARY DIMENSIONS ARE IN INCHES.  
ALL SECONDARY DIMENSIONS ARE IN MILLIMETERS.


ALL DRAWING CHANGES MUST BE MADE ON CAD. ANY MANUAL CHANGES WILL VOID DRAWING.			
PME-VIP378ER-12-1-ST			
15.5KV SOLID DIELECTRIC RECLOSER			
CAT. NO.: PME-VIP378ER-12-1-ST		DRAWING NO. D8706 PMIZ M00	
ENG/DES: RJS RD	DATE: Apr-27-16	SCALE:	REV C
APPR BY: AD	DATE: Apr-27-16	SHEET: 1 of 2	

**G&W**  
G&W ELECTRIC CO.



1. POLYCARBONATE OPERATING MECHANISM COVER MOLDED LIGHT GRAY.
2. MOUNTING INFORMATION: THE FRAME OF THE RECLOSER MUST BE ANCHORED TO THE PAD. THE FRAME IS EQUIPPED WITH (4) SLOTTED ANCHORING HOLES, EACH MEASURING .563" X 1.000". THE LOCATIONS OF THESE HOLES, REFERRED TO AS "FRAME MOUNTING" ARE SHOWN IN THE FRONT VIEW AND SECTION A-A. THE PAD MOUNT ENCLOSURE SHOULD BE SECURED TO THE PAD TO PROVIDE IT WITH ADDITIONAL STABILITY. EACH PAD MOUNT ENCLOSURE IS SHIPPED WITH 4 SECURING BRACKETS THAT ARE TO BE USED FOR THIS PURPOSE. THE SECURING BRACKETS CAN BE INSTALLED ANYWHERE ALONG THE INNER EDGE OF THE ENCLOSURE. SEE ENCLOSURE MOUNTING DETAIL "A" AND THE PLAN VIEW FOR MORE DETAILS ABOUT SECURING THE PAD MOUNT ENCLOSURE TO THE PAD.
3. INTERRUPTER MODULES ARE NOT INTENDED FOR DEAD ENDING. SEPARATE STRAIN RELIEF IS REQUIRED FOR CABLES.
4. MANUAL TRIP LEVER EQUIPPED WITH ELECTRICAL AND MECHANICAL LOCKOUT OF CLOSING CIRCUIT WHEN LEVER IS IN THE TRIPPED POSITION.
5. RECLOSER EQUIPPED FOR DEADLINE OPERATION USING POWER FROM THE BATTERY IN THE SEL651R (32 PIN DESIGN).
6. GALVANIZED STEEL ENCLOSURE FINISHED PADMOUNT GREEN PER MUNSELL NO.7GY3.29/1.5. ENCLOSURE IS DESIGNED PER APPLICABLE SECTIONS OF ANSI/IEEE C37.74 AND C57.12.28. DRAWING IS TYPICAL AND SHOWS THE OVERALL DIMENSIONS ONLY. CONSTRUCTION DETAIL MAY VARY FROM THOSE DEPICTED. ENCLOSURE DOORS EQUIPPED WITH THREE POINT LATCH WITH PENTA HEAD BOLT AND PROVISIONS FOR PADLOCKING.
7. 800A APPARATUS BUSHINGS ARE SUITABLE FOR USE WITH 600A OR 900A RATED ELBOWS.
8. WHEN ELBOWS, INSERTS, AND ANY OTHER ACCESSORIES ARE CONNECTED TO THE SWITCH, THE RATING OF EACH CONNECTED ASSEMBLY WILL BE THE LOWEST RATED COMPONENT OF THAT ASSEMBLY.
9. RECLOSER IS EQUIPPED WITH A 1000/500:1 CURRENT TRANSFORMER ON EACH PHASE FACTORY SET AT 500:1 RATIO. REFER TO INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR CHANGING CURRENT TRANSFORMER RATIO IN THE FIELD.
10. RECLOSER IS EQUIPPED WITH ONE EXTERNAL ABB TYPE VIL-95 PT. THE PT SYSTEM VOLTAGE IS 13800V. THE PT IS DESIGNED FOR USE ON A 7967V PHASE TO GROUND SYSTEM AND HAS A 66.4:1 RATIO, WITH A 1500VA OUTPUT, AND IS ABB PART NUMBER 7881A93G20. CUSTOMER IS RESPONSIBLE FOR PROVIDING THE CABLE AND APPROPRIATE COMPONENTS SUCH AS THE PT PRIMARY FUSING AND CONNECTING THE H1 BUSHING ON THE PRIMARY SIDE OF THE PT TO THE BUSHING PER CUSTOMER DISCRETION, AND CONNECTING THE H2 BUSHING ON THE PRIMARY SIDE OF THE PT TO GROUND, PER ABB INSTRUCTIONS, LOCAL CODES, AND PRACTICES. G&W WILL CONNECT THE 120VAC PHASE TO GROUND SECONDARY TO CONTROL.

PME-VIP378ER-12-1-ST	
----------------------	--

15.5KV SOLID DIELECTRIC RECLOSER				 G&W ELECTRIC CO.	
CAT. NO.: PME-VIP378ER-12-1-ST				DRAWING NO.	
ENG/DES: RJS		RD		D8706 PMIZ M00	
DATE: Apr-27-16		DATE: Apr-27-16		REV C	
APPR BY: AD				SHEET: 2 of 2	