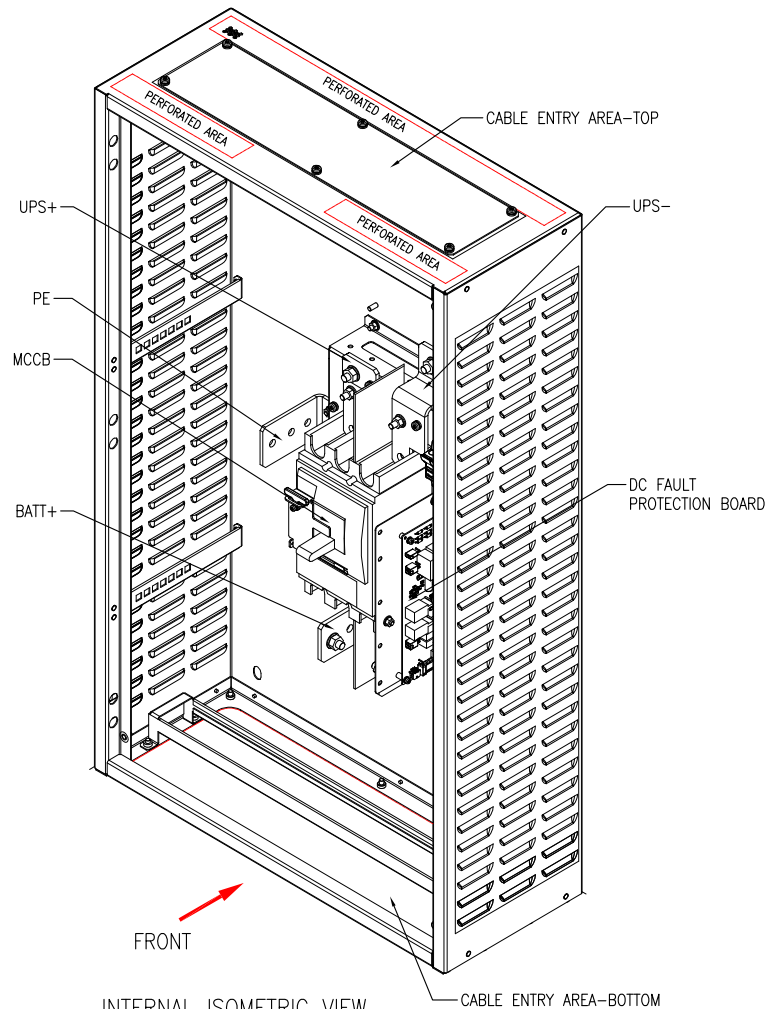


EXTERNAL ISOMETRIC VIEW



INTERNAL ISOMETRIC VIEW
(FRONT DOOR NOT SHOWN)

SPECIFICATIONS:

Circuit breaker	NSX630NDC rated current 600A
Maximum configuration 600A	1 hour of runtime
Number of strings per GVXBBB630AH	1
Nominal battery voltage	480 V DC
Maximum short circuit level	50 kA

600A Battery breaker trip setting (I_r) according to string number and UPS Rating Im:1500

Number of Strings	1000kW (Expandable to 1250kW), 1250kW	1000kW (Expandable to 1500kW), 1250kW (Expandable to 1500kW), 1500kW
5 and below	NA	NA
6	1	NA
7	0.9	1
8	0.8	0.9

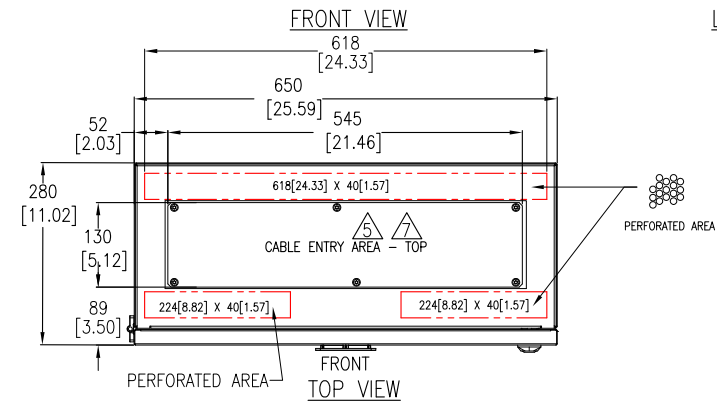
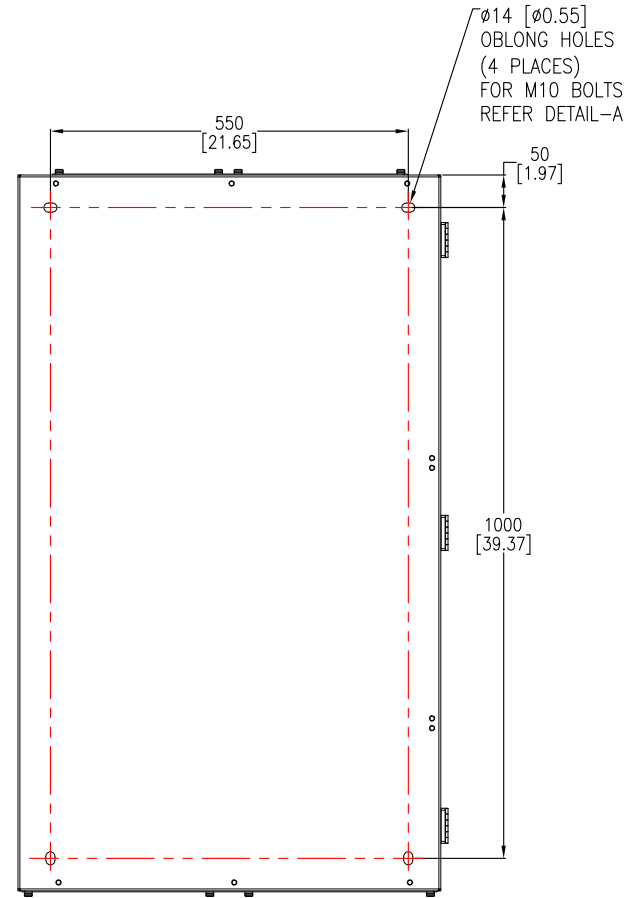
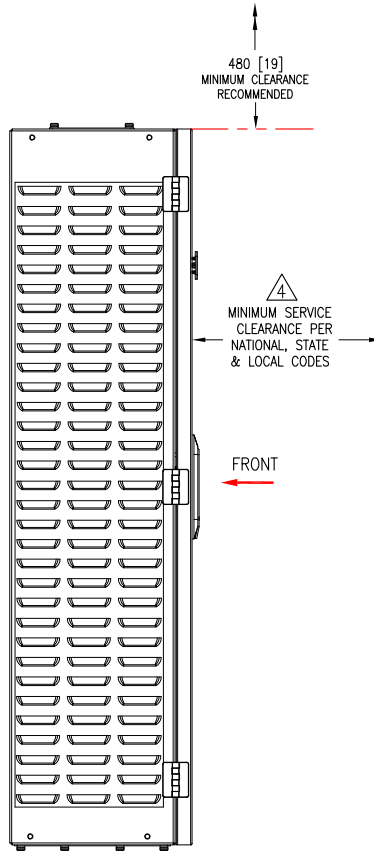
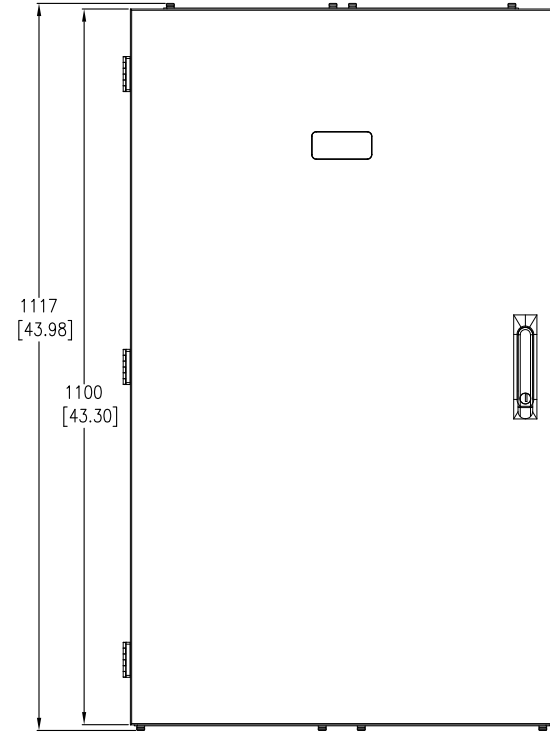
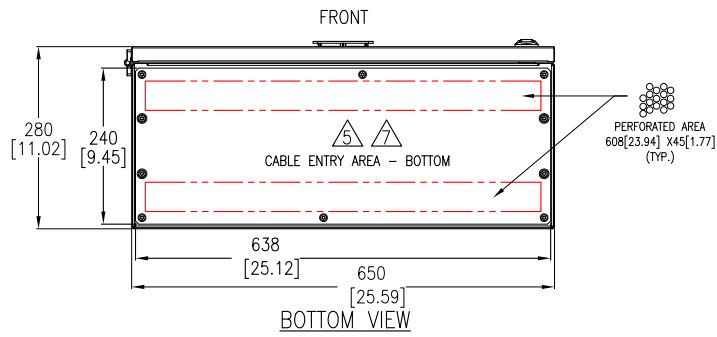
NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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TITLE:	GALAXY VX BATTERY BREAKER BOX 630AH ISOMETRIC VIEW		DWG NO:	GVXBBB630AH	REV:	0
PROJECT:	SUBMITTAL DRAWINGS	SHEET 1 OF 4	DRAWN:	BALAMURUGAN	09-MAR-17	FIRST ANGLE PROJECTION
			ENGINEER:	W HU	09-MAR-17	
			APPROVED:	D M	09-MAR-17	



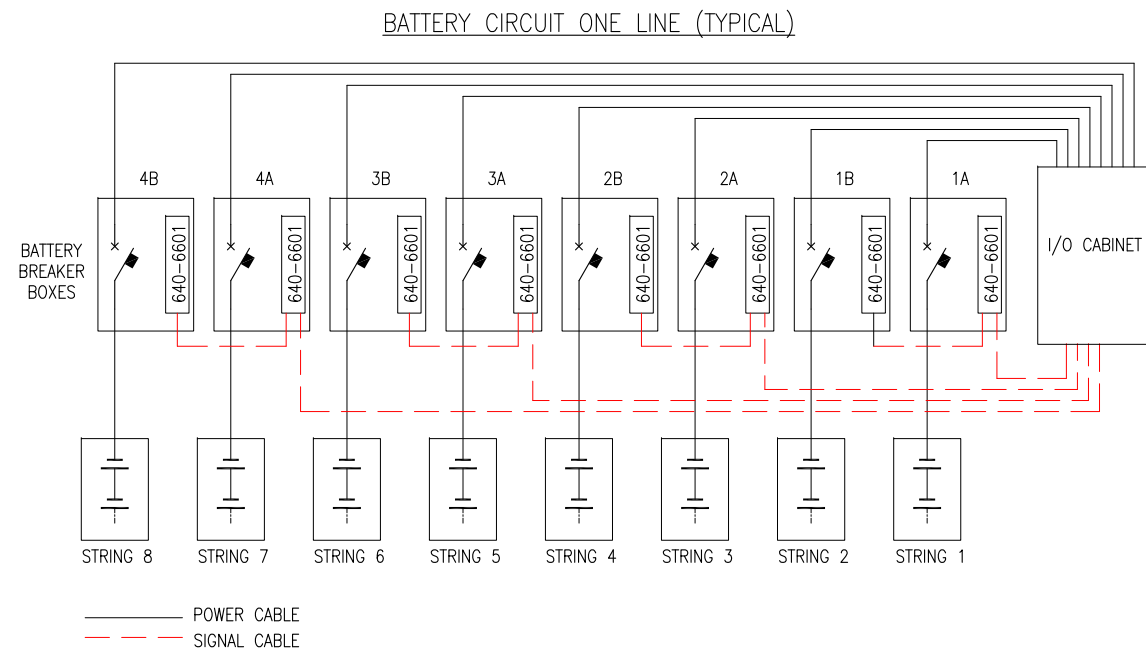
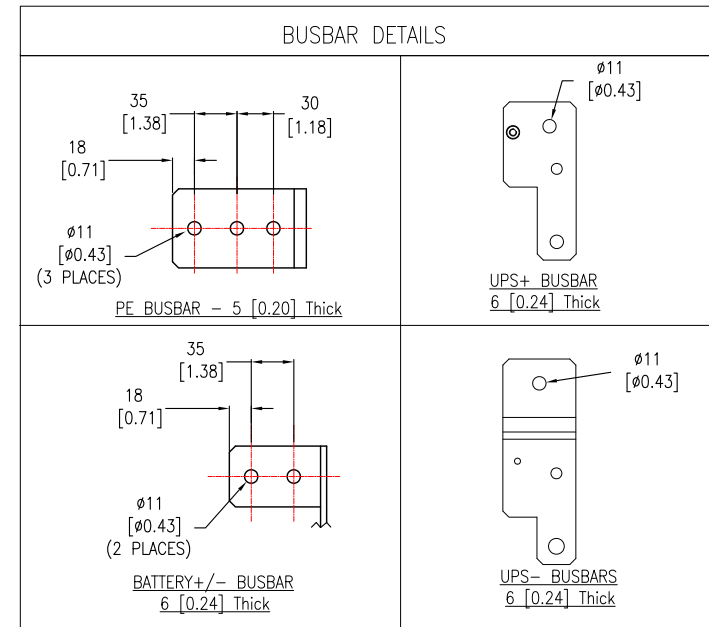
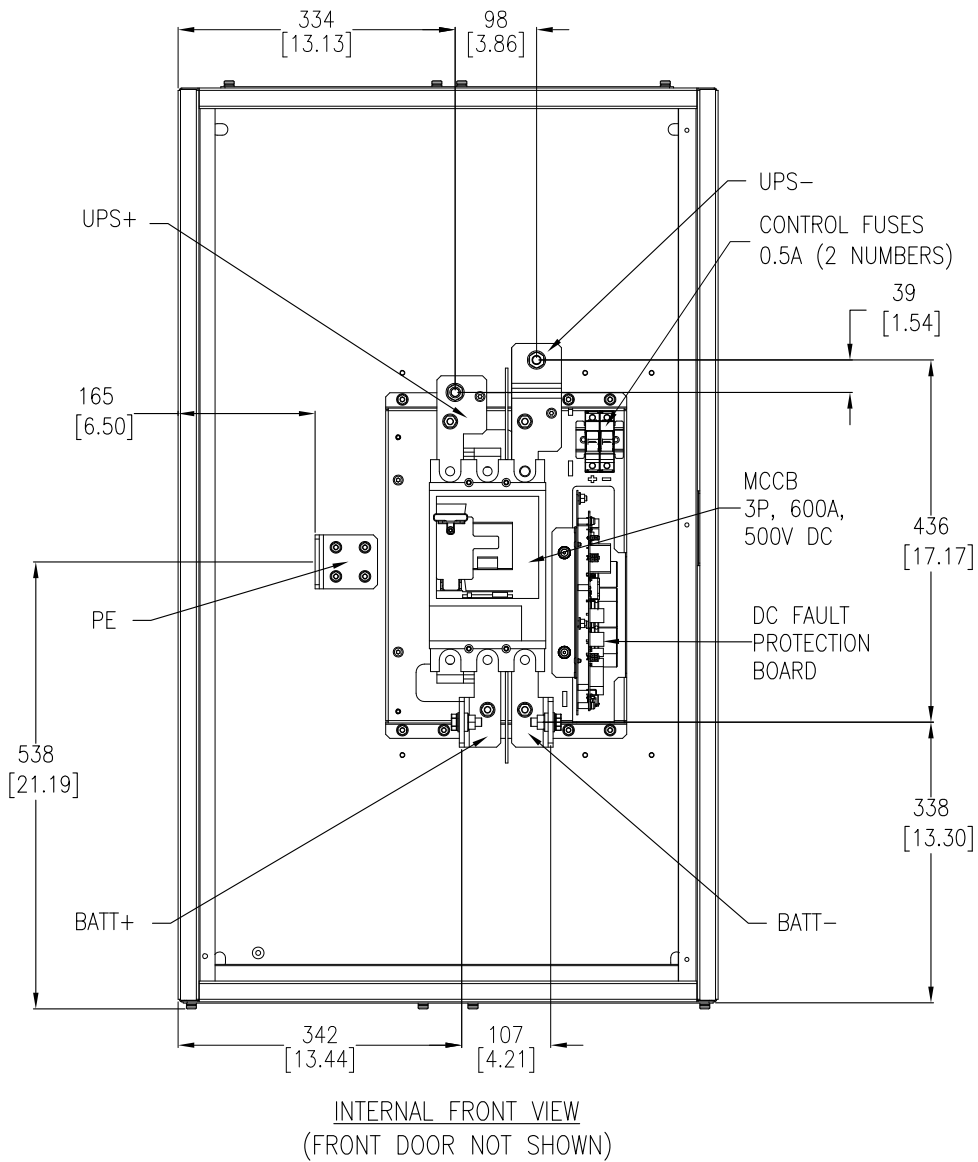
NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- △ 4. FRONT ACCESS REQUIRED FOR SERVICE.
- △ 5. CABLE ENTRY: DRILL/PUNCH HOLES (RECOMMENDED HOLE SIZE FOR POWER: Ø50mm, FOR PE/SIGNAL: CABLE: Ø32mm). USE APPROPRIATE CABLE PROTECTION AROUND HOLE BEFORE CABLING IS INSTALLED.
6. ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
- △ 7. CONNECT UPS CABLE FROM TOP OR BOTTOM, CONNECT BATTERY CABLE ONLY FROM BOTTOM.
8. THE WEIGHT OF THE UNIT IS 55 kg [121 lb].
9. COLOR: RAL 9003 WHITE.
10. PROTECTION CLASS: IP20.

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TITLE:	GALAXY VX BATTERY BREAKER BOX 630AH GENERAL ARRANGEMENT		DWG NO:	GVB3BB630AH	REV.	0
PROJECT:	SUBMITTAL DRAWINGS	SHEET 2 OF 4	DRAWN:	BALAMURUGAN	09-MAR-17	FIRST ANGLE PROJECTION
			ENGINEER:	W HU	09-MAR-17	
			APPROVED:	D M	09-MAR-17	



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
 4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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Schneider Electric

TITLE: GALAXY VX BATTERY BREAKER BOX 630AH
INTERNAL VIEW, BUSBARS & ONE LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

DWG NO: GVXBBB630AH

DRAWN: BALAMURUGAN 09-MAR-17

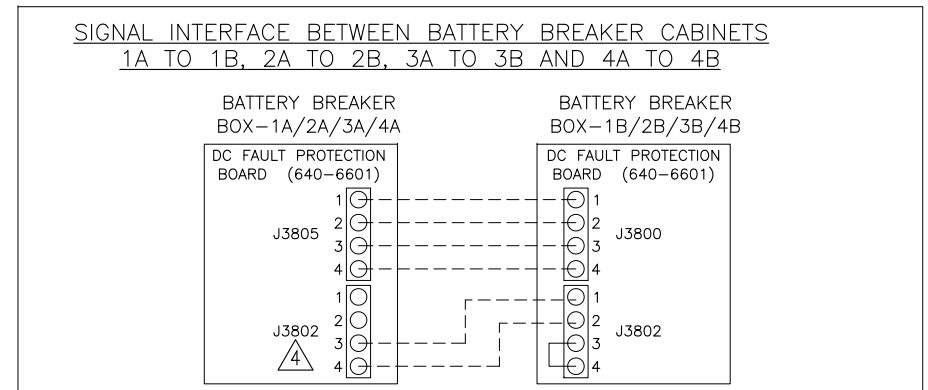
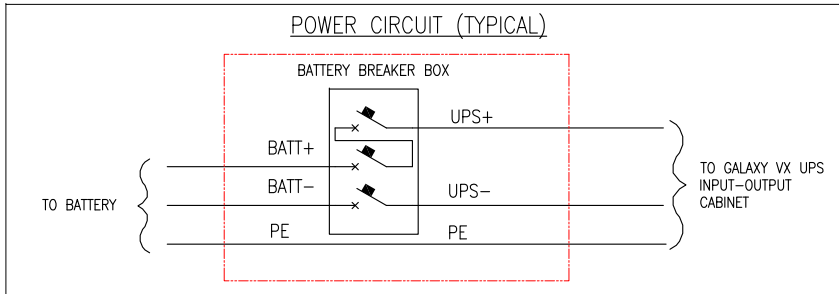
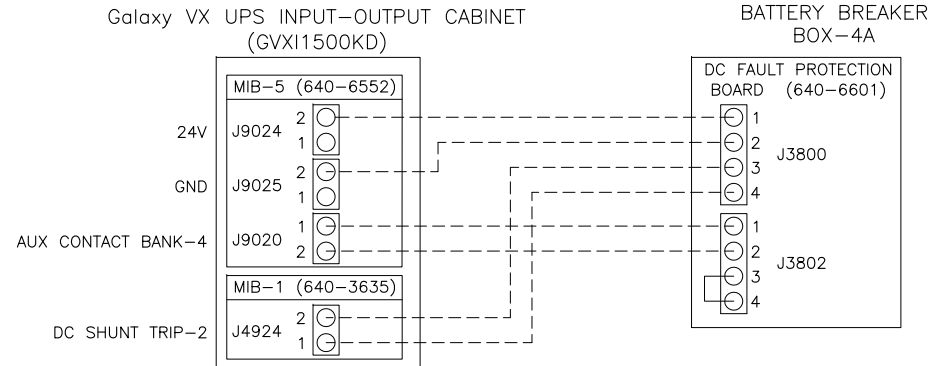
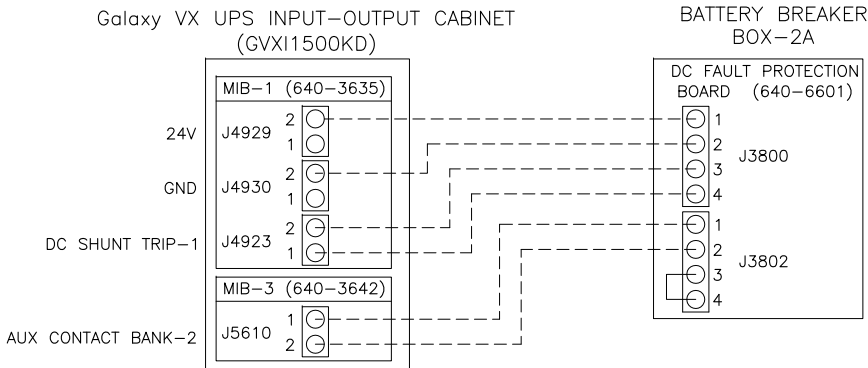
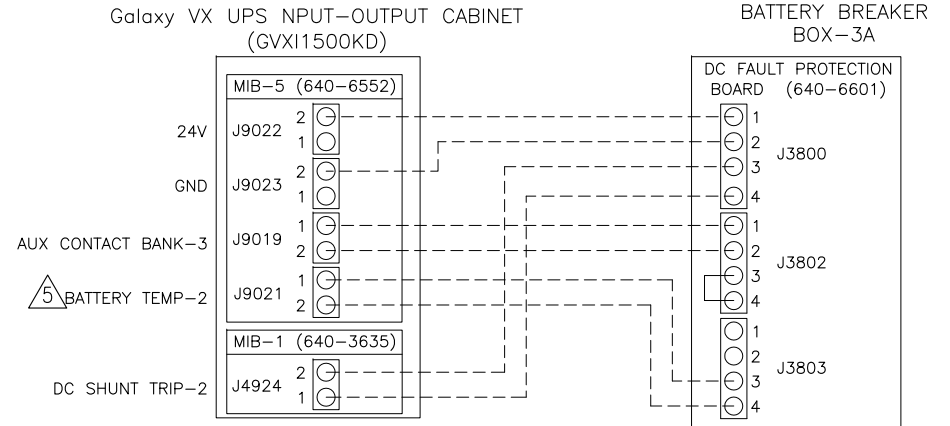
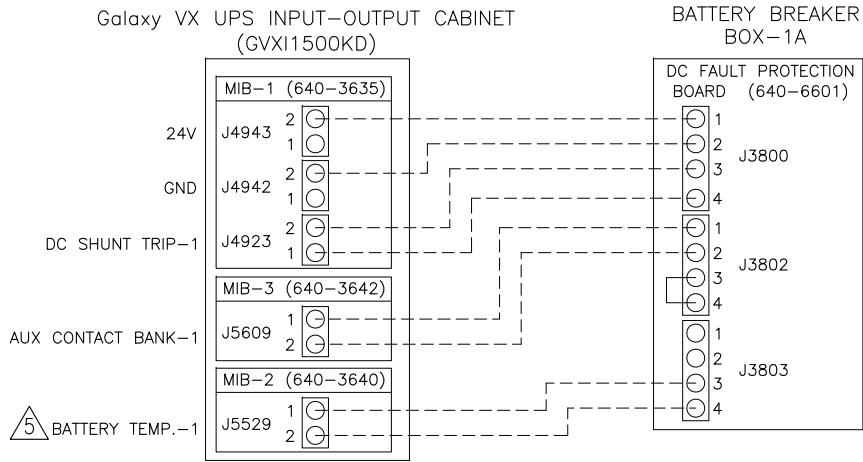
ENGINEER: W HU 09-MAR-17

APPROVED: D M 09-MAR-17

REV: 0

FIRST ANGLE PROJECTION

SIGNAL INTERFACE BETWEEN UPS INPUT-OUTPUT CABINET AND BATTERY BREAKER BOXs.



1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. FOR LATEST REVISION OF BOARD PART NUMBERS CONTACT SCHNEIDER ELECTRIC.
4. REMOVED THE EXISTING JUMPER BETWEEN TERMINALS 3 AND 4.
5. THE TEMPERATURE SENSORS CAN BE INSTALLED IN ANY OF THE BATTERY BREAKER BOX.
6. TEMPERATURE SENSOR CABLE LENGTH: 2.8m AND 2.4m OUT OF CABINET.
7. CABLE SIZES ARE BASED ON INSTALLATION METHOD "F" IN TABLE B.52.12 AND B.52.13 OF IEC 60364-5-52 WITH THE FOLLOWING ASSERTIONS:
 - 90°C CONDUCTORS.
 - AN AMBIENT TEMPERATURE OF 30°C.
 - USE OF COPPER OR ALUMINUM CONDUCTORS.
 - IF THE AMBIENT TEMPERATURE IS GREATER THAN 30°C, LARGER CONDUCTORS ARE TO BE SELECTED IN ACCORDANCE WITH THE CORRECTION FACTORS OF THE IEC.
8. PLACE THE BATTERY BREAKER BOX AS CLOSE TO THE BATTERY BANK AS POSSIBLE TO LIMIT THE LENGTH OF UNPROTECTED BATTERY CABLES.

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TITLE:	GALAXY VX BATTERY BREAKER BOX 630AH INTERFACE DETAILS		DWG NO:	GVXBBB630AH	REV.	0
PROJECT:	SUBMITTAL DRAWINGS	SHEET 4 OF 4	DRAWN:	BALAMURUGAN	09-MAR-17	FIRST ANGLE PROJECTION
			ENGINEER:	W HU	09-MAR-17	
			APPROVED:	D M	09-MAR-17	