

- NOTES:
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
  - REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
  - A MINIMUM OF 1000mm [39.37 Inches] FRONT, 100mm [3.94 Inches] TOP CLEARANCE REQUIRED. 100mm [3.94 Inches] REAR CLEARANCE IS REQUIRED ONLY FOR SEISMIC ANCHORING INSTALLATION. CLEARANCE DIMENSIONS ARE FOR AIRFLOW AND SERVICE ACCESS ONLY.
  - ALL DIMENSIONS EXCLUDES SCREW PROJECTION OUTSIDE THE ENCLOSURE.
  - CABLE ENTRY IS FROM TOP OF THE UNIT.
  - REFER TO TABLE FOR APPLICABLE SKUs & WEIGHT DETAILS. WEIGHT OF ONE BATTERY MODULE IS 16.5 kg [36.38 lb].
  - COLOR: RAL9003, GLOSS LEVEL 85%.
  - PROTECTION CLASS: IP20.
  - OPERATING TEMPERATURE: 18 - 28°C [64 - 82°F].
  - TO OPTIMIZE THE LIFE OF BATTERY, IT IS RECOMMENDED TO MAINTAIN 25°C [77°F].
  - THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
  - BATTERY RACKS CAN BE BAYED SIDE BY SIDE AND BACK TO BACK. REFER TO INSTALLATION MANUAL FOR DETAILS.
  - THIS IS AN OPTIONAL DATA LOG KIT. REFER TO SHEET 4 FOR THE ENLARGED VIEW.

| SKU NUMBER    | WEIGHT IN kg [lb] |                   | COG IN mm [Inch] |                |               |                   |               |               |
|---------------|-------------------|-------------------|------------------|----------------|---------------|-------------------|---------------|---------------|
|               | Empty Rack        | Fully loaded Rack | Empty Rack       |                |               | Fully loaded Rack |               |               |
|               |                   |                   | X-direction      | Y-direction    | Z-direction   | X-direction       | Y-direction   | Z-direction   |
| LIBSESMG16IEC | 211 [465]         | 470 [1036]        | 321.5 [12.66]    | 1031.5 [40.61] | 311.2 [12.25] | 324 [12.76]       | 990.7 [39.00] | 279.9 [11.02] |
| LIBSESMG17IEC |                   | 490 [1080]        | 321.5 [12.66]    | 1031.5 [40.61] | 311.2 [12.25] | 319 [12.56]       | 962.3 [39.89] | 279.2 [10.99] |

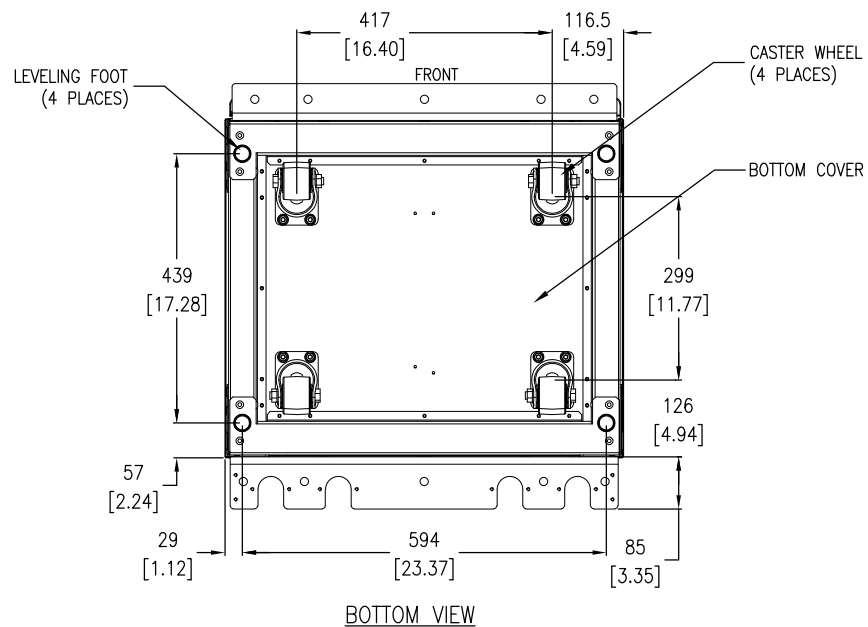
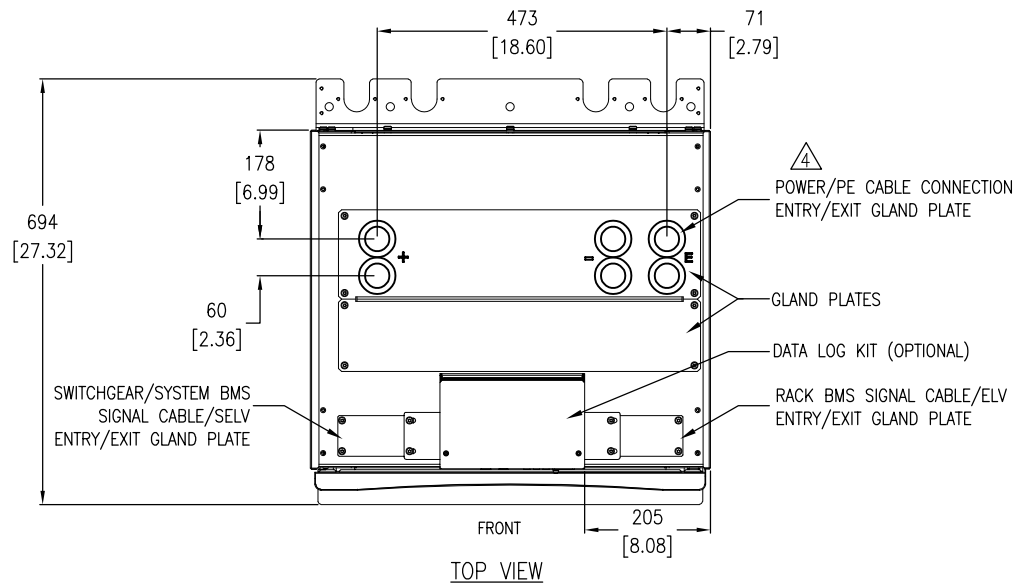
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Schneider Electric

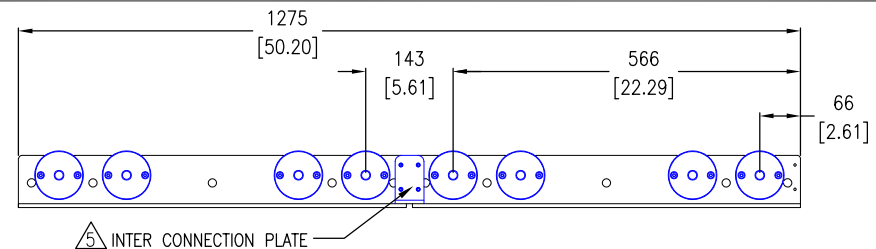
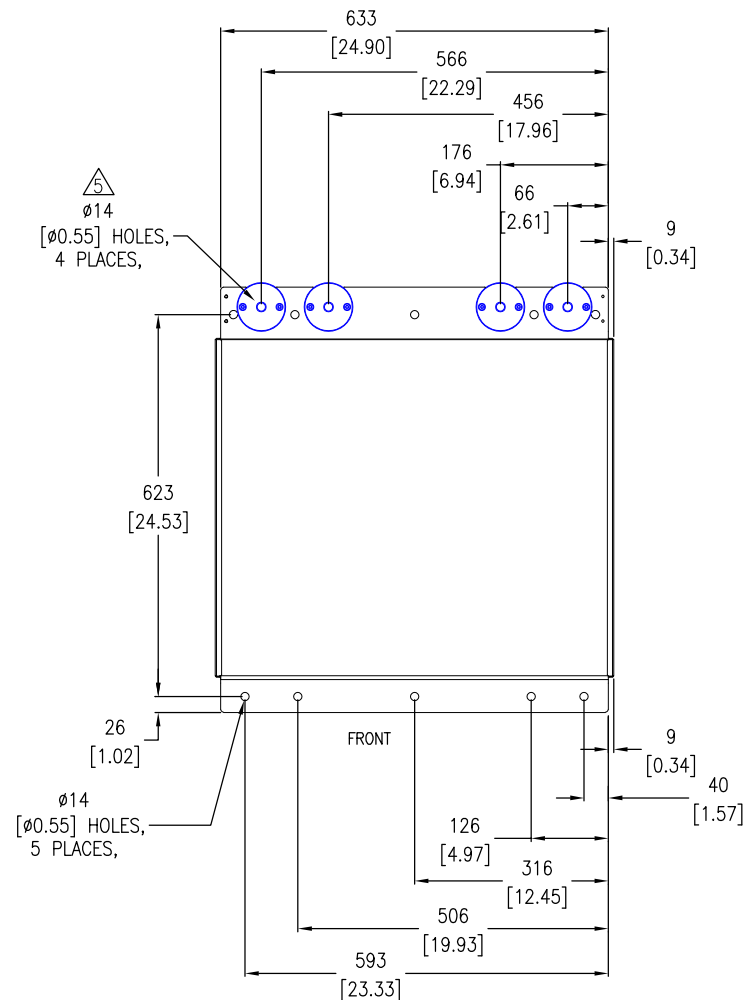
TITLE:  
Galaxy Lithium-ion Battery cabinet, GVXL IEC  
GENERAL ARRANGEMENT  
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 12

DWG NO: LIBSESMGGVXLIEC  
DRAWN: TRASSIA  
ENGINEER: SHERRY LE  
APPROVED: PETER LIN

REV. 2  
FIRST ANGLE PROJECTION



- NOTES:**
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
  4. DO NOT DRILL/PUNCH HOLES WITH THE GLAND PLATES INSTALLED.
  5. REMOVE THE GLAND PLATE FROM BATTERY RACK BEFORE DRILLING/PUNCHING.
  6. DRILL/PUNCH HOLES ACCORDING TO THE LABEL ON THE GLAND PLATE.
  7. USE ACCESSORY KIT (OM-95331) TO ANCHOR THE UNIT IN SEISMIC LOCATION.
  8. FOR SEISMIC ANCHORING, M12 SCREWS OF STRENGTH GRADE 8.8 HARDWARE ARE REQUIRED TO BE USED.



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**Schneider Electric**

**TITLE:**  
Galaxy Lithium-ion Battery cabinet, GVXL IEC  
TOP/BOTTOM VIEW & ANCHORING DETAILS

**PROJECT:** SUBMITTAL DRAWINGS **SHEET 2 OF 12**

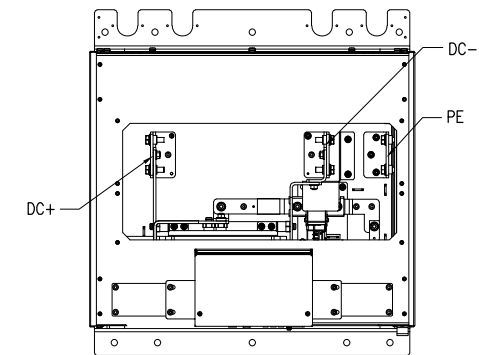
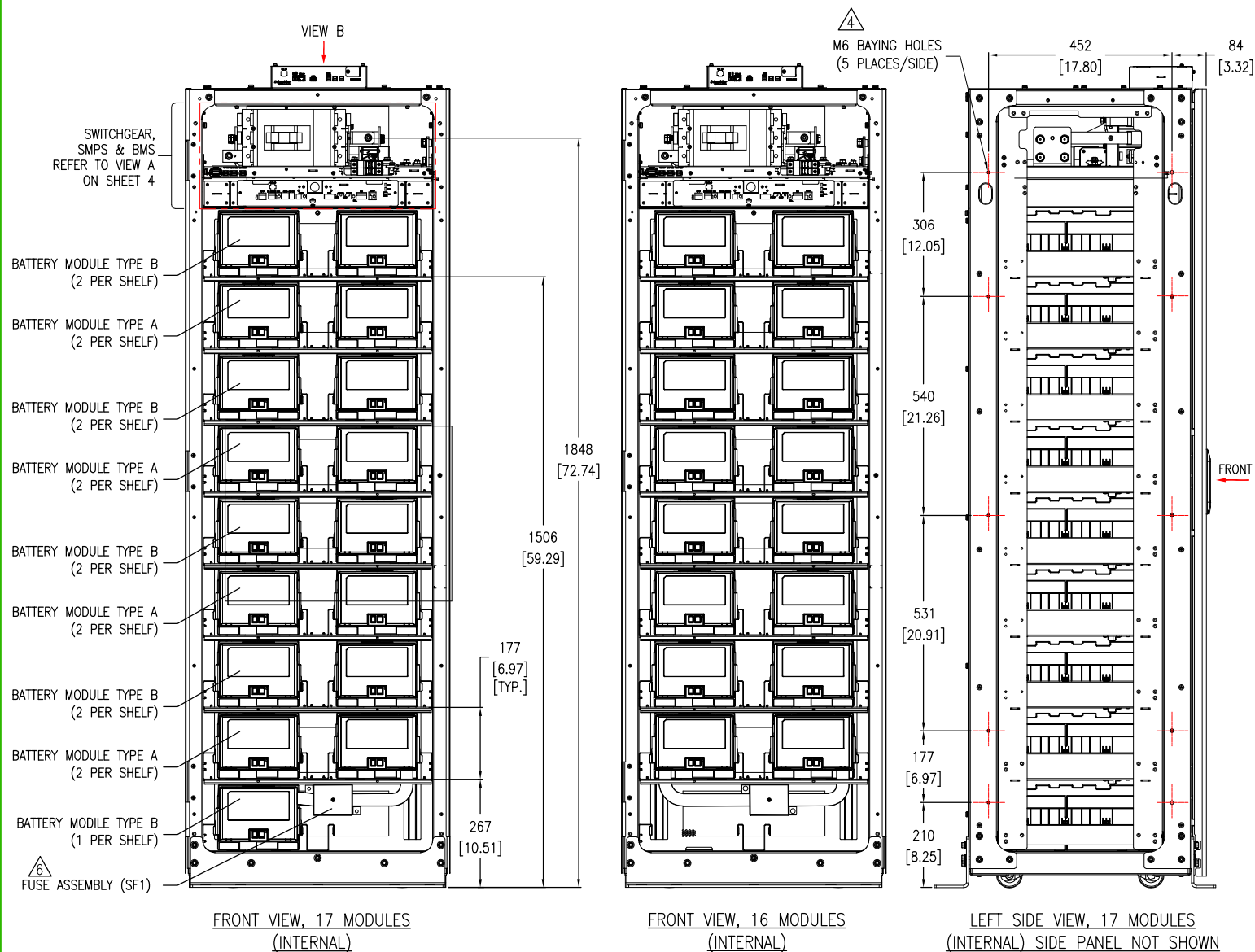
**DWG NO:** LIBSESMGGVXLIEC

**DRAWN:** TRASSIA  
**ENGINEER:** SHERRY LE  
**APPROVED:** PETER LIN

**17-DEC-25**  
**19-DEC-25**  
**19-DEC-25**

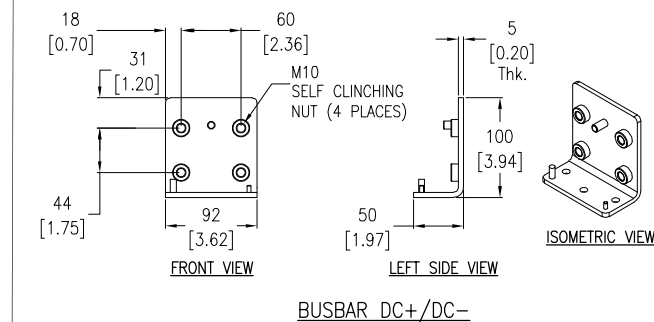
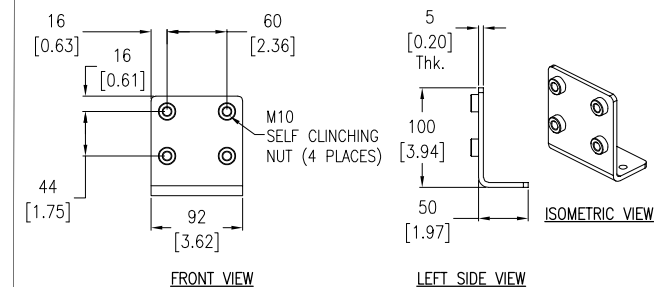
**REV. 2**

**FIRST ANGLE PROJECTION**



**VIEW B**  
GLAND PLATES NOT SHOWN

### BUSBAR DETAILS



**NOTE:** BOLT AND NUTS ARE PROVIDED WITH THE TERMINALS.  
RECOMMENDED TORQUE FOR M10 BOLTS IS 30Nm [22.13 lb-ft].

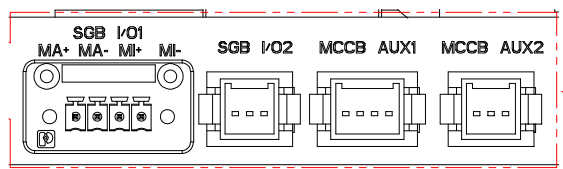
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  3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
  4. USE M6x16 SCREWS FOR MOUNTING MULTIPLE RACKS SIDE BY SIDE.  
REMOVE SIDE PANELS OF ADJACENT BATTERY RACKS WHILE BAYING.
  5. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.
  6. FUSE TYPE: Merson MPN PC33UD69V500TF OR LITTLEFUSE MPN PSR033FL0500Z WITH 500A 600Vdc 100KAIC.
  7. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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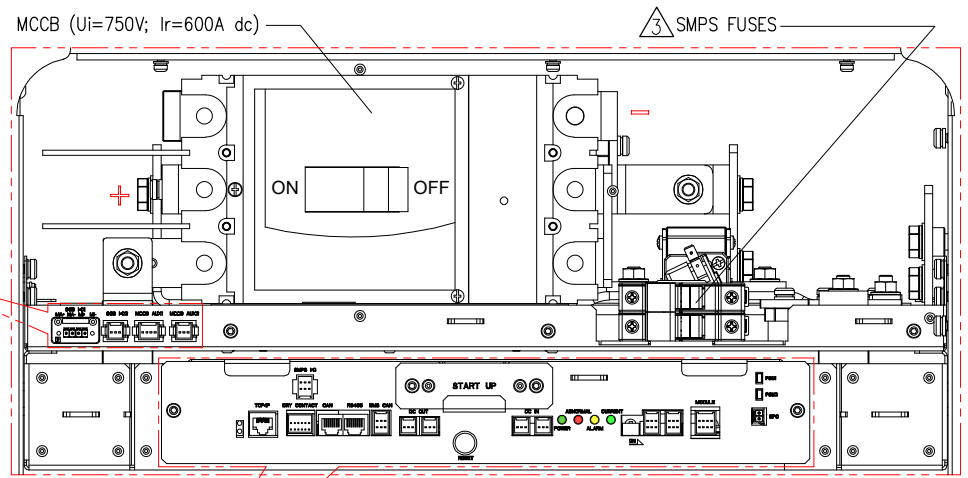
**Schneider Electric**

|   |                     |                        |
|---|---------------------|------------------------|
| TITLE:  | DWG NO:             | REV:                   |
| Galaxy Lithium-ion Battery cabinet, GVXL IEC<br>INTERNAL VIEW | LIBSESMGGVXLIEC     | 1                      |
| PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 12                     | DRAWN: TRASSIA      | 17-DEC-25              |
|   | ENGINEER: SHERRY LE | 19-DEC-25              |
|   | APPROVED: PETER LIN | 19-DEC-25              |
|   |                     | FIRST ANGLE PROJECTION |

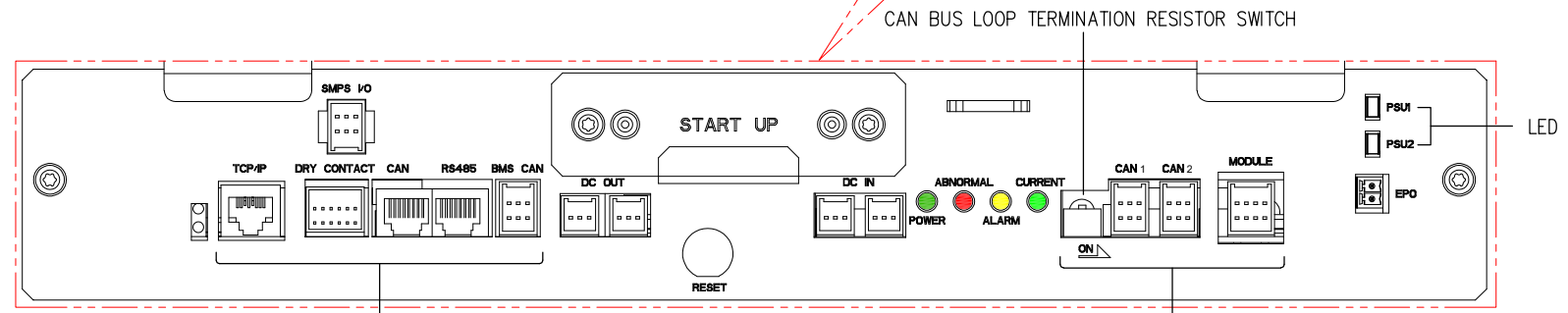
MCCB SETTINGS:  
Im = 1500A  
APPLY TO ALL CONFIGURATIONS.



SWITCHGEAR PORTS



VIEW A (ENLARGED)  
SWITCHGEAR SMPS AND BMS

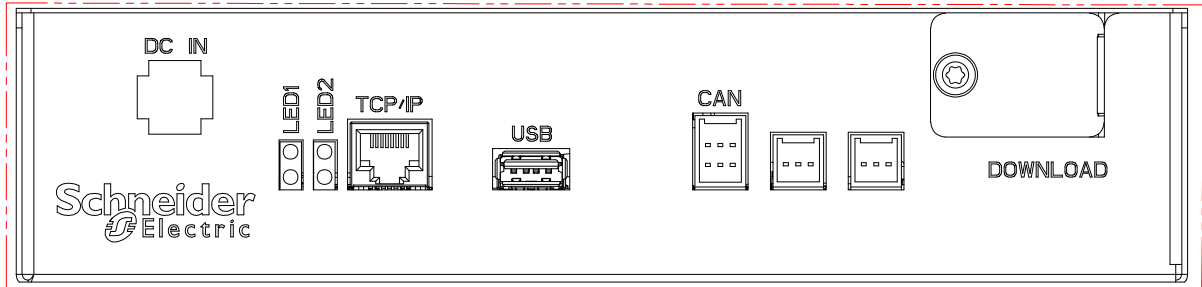


SYSTEM BMS PORTS

SMPS AND BMS

RACK BMS PORTS

**CABLING NOTES:**  
CANBUS COMMUNICATIONS BETWEEN RACKS IS SUPPLIED AND INSTALLED BY SCHNEIDER ELECTRIC.



DATA LOG KIT

- NOTES:**
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - △ FUSE TYPE: LITTLEFUSE MPN OSPF003.T OR EQUIVALENT WITH 3A 1000Vdc 20KAIC.
  4. THE SYSTEM BMS IS LOCATED IN RACK 1 ONLY.

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**TITLE:**  
Galaxy Lithium-ion Battery cabinet, GVXL IEC  
DETAIL VIEWS

**PROJECT:** SUBMITTAL DRAWINGS **SHEET 4 OF 12**

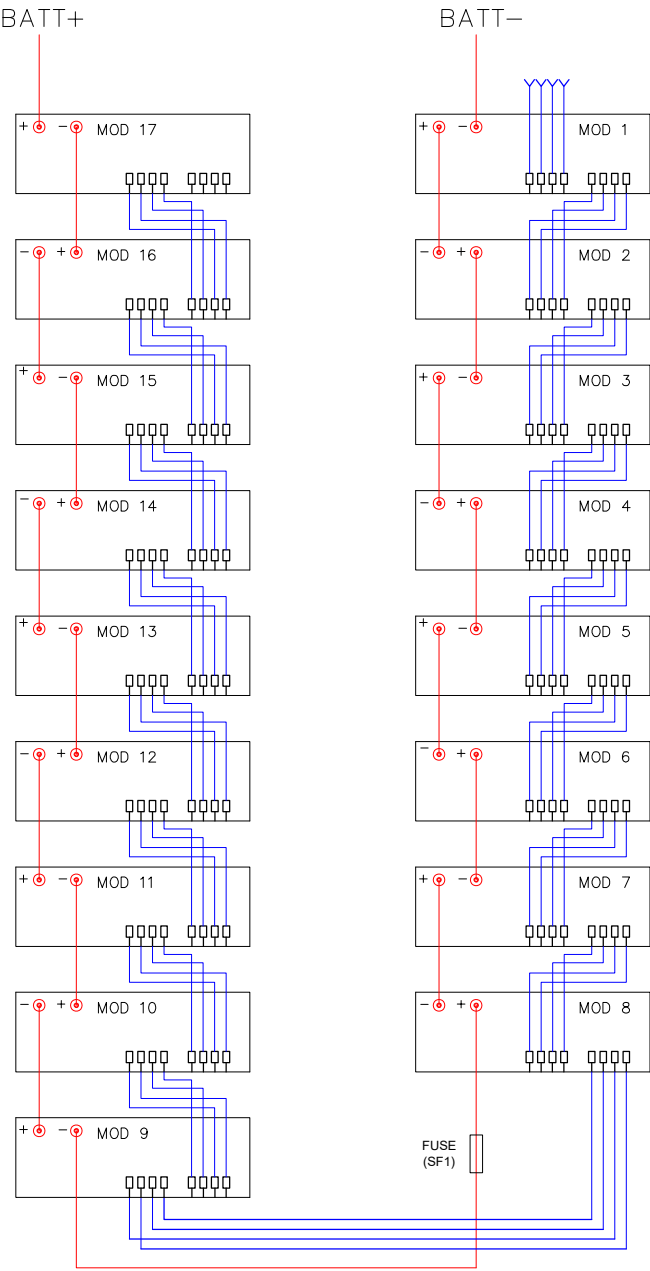
**DWG NO:** LIBSESMGGVXLIEC

| DRAWN:    | TRASSIA   | 17-DEC-25 |
|-----------|-----------|-----------|
| ENGINEER: | SHERRY LE | 19-DEC-25 |
| APPROVED: | PETER LIN | 19-DEC-25 |

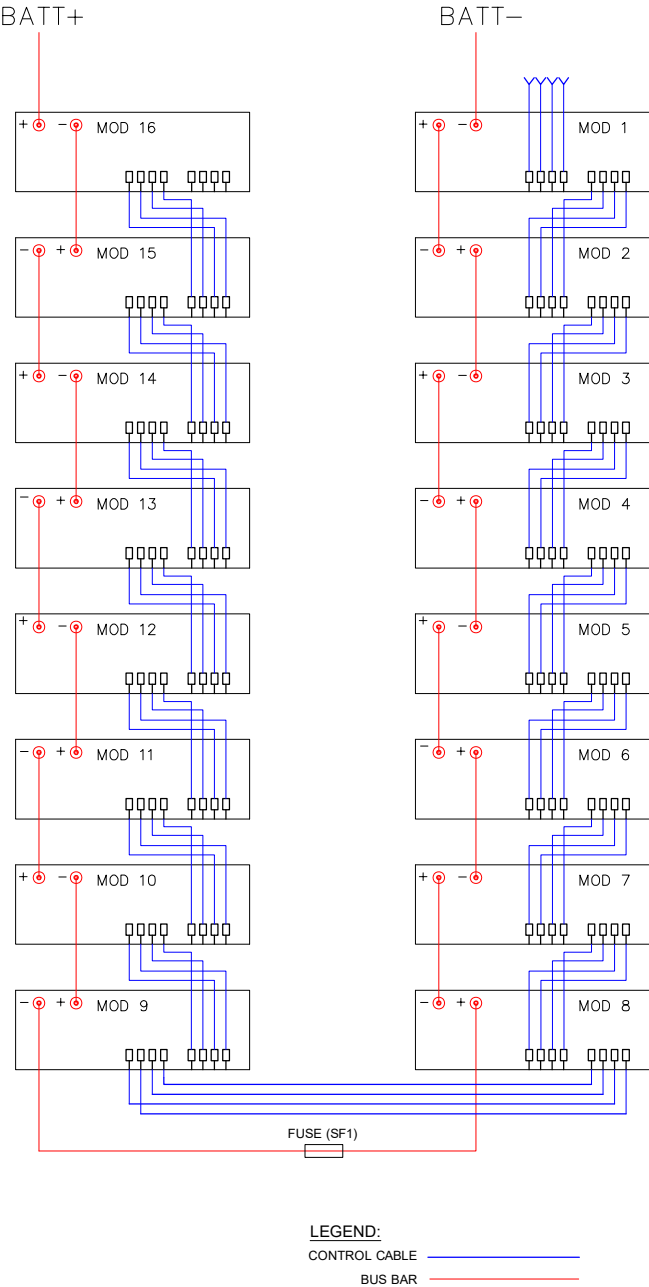
**REV.** 2

**FIRST ANGLE PROJECTION**

17 MODULES/STRING



16 MODULES/STRING



LEGEND:  
CONTROL CABLE ————  
BUS BAR ————

| ELECTRICAL DATA  |               |               |
|--|---------------|---------------|
| SKU Number/Model   | LIBSESMG16IEC | LIBSESMG17IEC |
| Number of Battery Modules                                  | 16            | 17            |
| Number of Type-A Battery Modules                           | 8             | 8             |
| Number of Type-B Battery Modules                           | 8             | 9             |
| Number of Battery cells in a string                        | 128           | 136           |
| Nominal Energy (kWh)                                       | 32.6          | 34.6          |
| Nominal Battery Voltage (VDC)                              | 486           | 517           |
| Nominal capacity (Ah)                                      | 67            | 67            |
| Charge current rate (CA rate)                              | 0.7           | 0.7           |
| Float charge Voltage (VDC)                                 | 537           | 571           |
| End of discharge Voltage (VDC)                             | 384           | 408           |
| Maximum continuous discharge power (kW)                    | 173           | 184           |
| Peak current at end of discharge (A)                       | 450           | 450           |
| Short circuit rating RMS value (kA)                        | 2.9           | 2.9           |
| The recommended cable size is 185mm <sup>2</sup> /350kcmil |               |               |

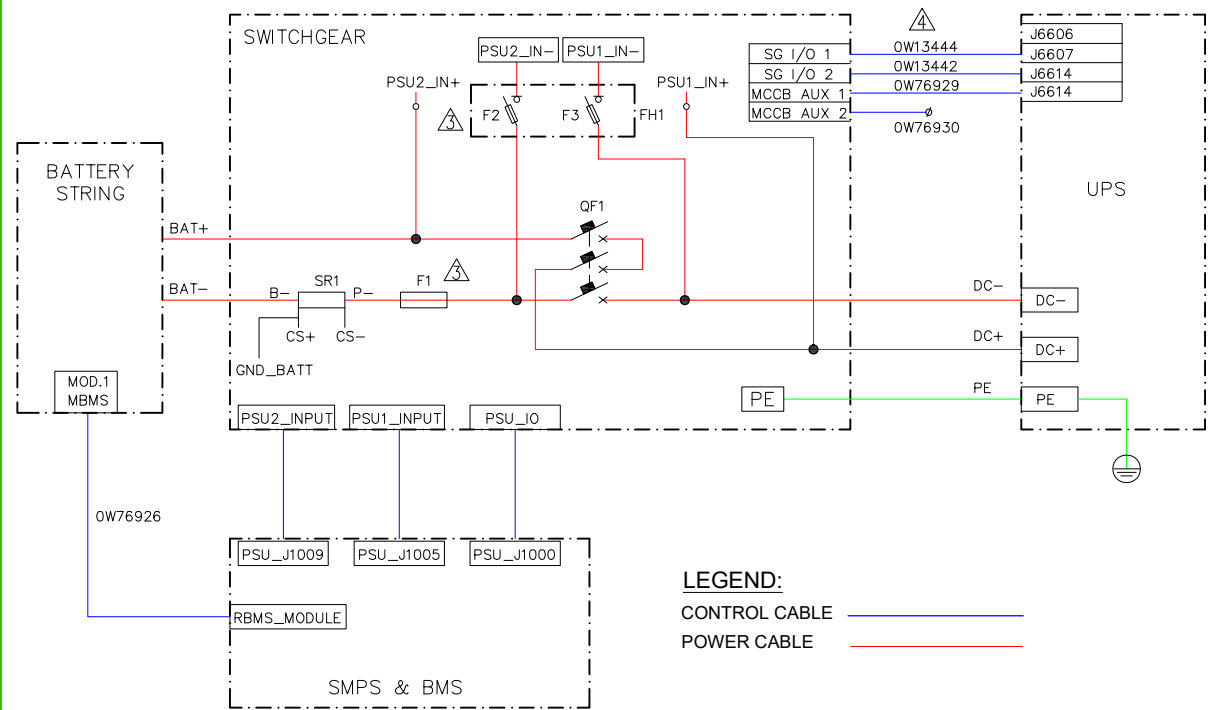
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|   |                            |                        |
|---|----------------------------|------------------------|
| TITLE:<br>Galaxy Lithium-ion Battery cabinet, GVXL IEC<br>CABLING DIAGRAM | DWG NO:<br>LIBSESMGGVXLIEC | REV. 1                 |
| PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 12                                 | ENGINEER:<br>SHERRY LE     | 17-DEC-25              |
|   | APPROVED:<br>PETER LIN     | 19-DEC-25              |
|   |                            | FIRST ANGLE PROJECTION |

SYSTEM DIAGRAM



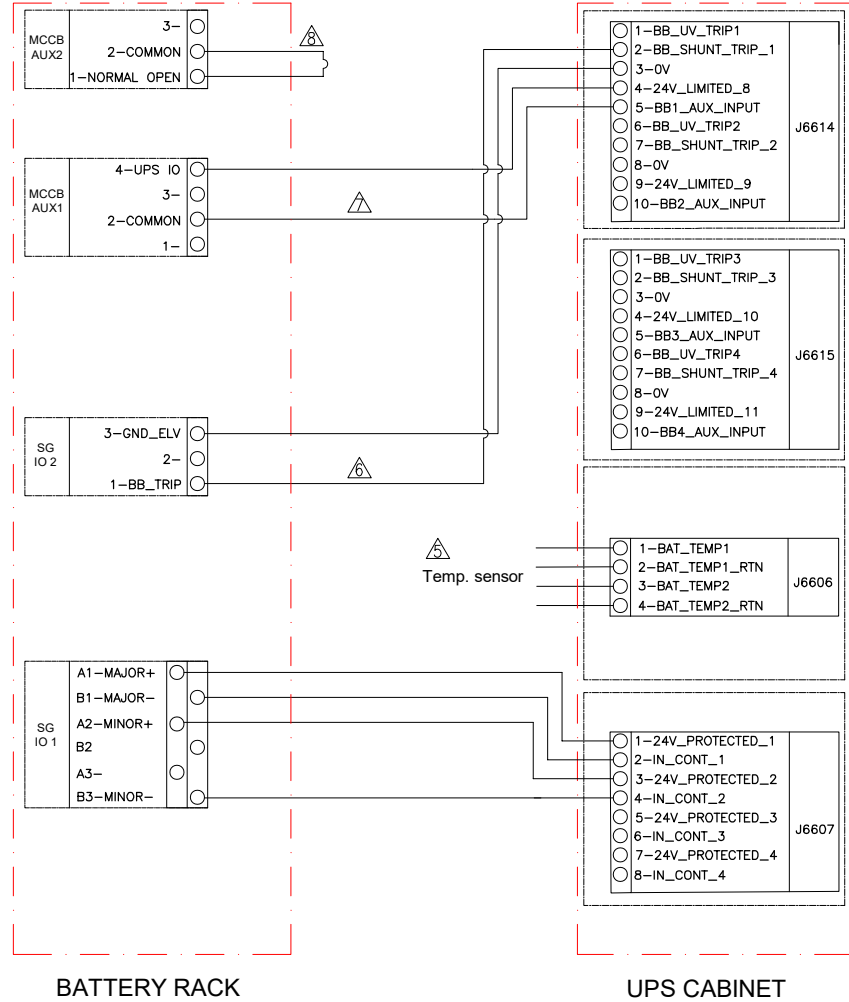
LEGEND:  
CONTROL CABLE  
POWER CABLE

| UPS  | Cable Tray Installation                                       |  |
|------|---|--|
|      | Recommended Cable Size  | Max Number of LIB Racks connected directly |
| GVXL | 185mm <sup>2</sup> [350kcmil]<br>(Positive, Negative, Ground) | 8 Racks(*)                                 |

\*Pullbox is required when more than 8 Battery Racks are connected directly.  
(Contact Application Engineering Team for more than 8 battery racks configuration)  
Li-ion Battery rack's short circuit rating RMS value is 2.9kA per rack and GVXL limit is 100kA, the fuse protection shall cover the UPS short circuit limit.

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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - ⚠ F1 FUSE TYPE: Merson MPN PC33UD69V500A or LITTLEFUSE MPN PSR033DS0500X WITH 500A 600Vdc 100KAIC.
  - F2 & F3 FUSE TYPE: LITTLEFUSE MPN OSPF003.T OR EQUIVALENT WITH 3A 1000Vdc 20KAIC.
  - ⚠ COMMUNICATION CABLES OF 5 Meter LENGTH ARE PROVIDED WITH THE BATTERY RACK.  
FOR REQUIREMENT OF ANY ADDITIONAL LENGTH OF CABLES, OPTIONAL COMMUNICATION CABLE KIT LIBSEOPT001 WITH 25 Meter CABLE LENGTH IS AVAILABLE FOR PROCUREMENT.
  - ⚠ INSTALL THE TEMPERATURE SENSOR 0M-1160 PROVIDED WITH THE UPS IN THE BATTERY ROOM.
  - ⚠ USE THE PROVIDED 0W13442 TO CONNECT UPS BB\_TRIP CONTACT.
  - ⚠ USE THE PROVIDED 0W76929 TO CONNECT MCCB AUX 1 TO UPS.
  - ⚠ USE THE PROVIDED 0W76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
  9. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

INTERFACE DETAILS FOR GALAXY VXL WHEN ONE BATTERY RACK CONNECTED TO UPS

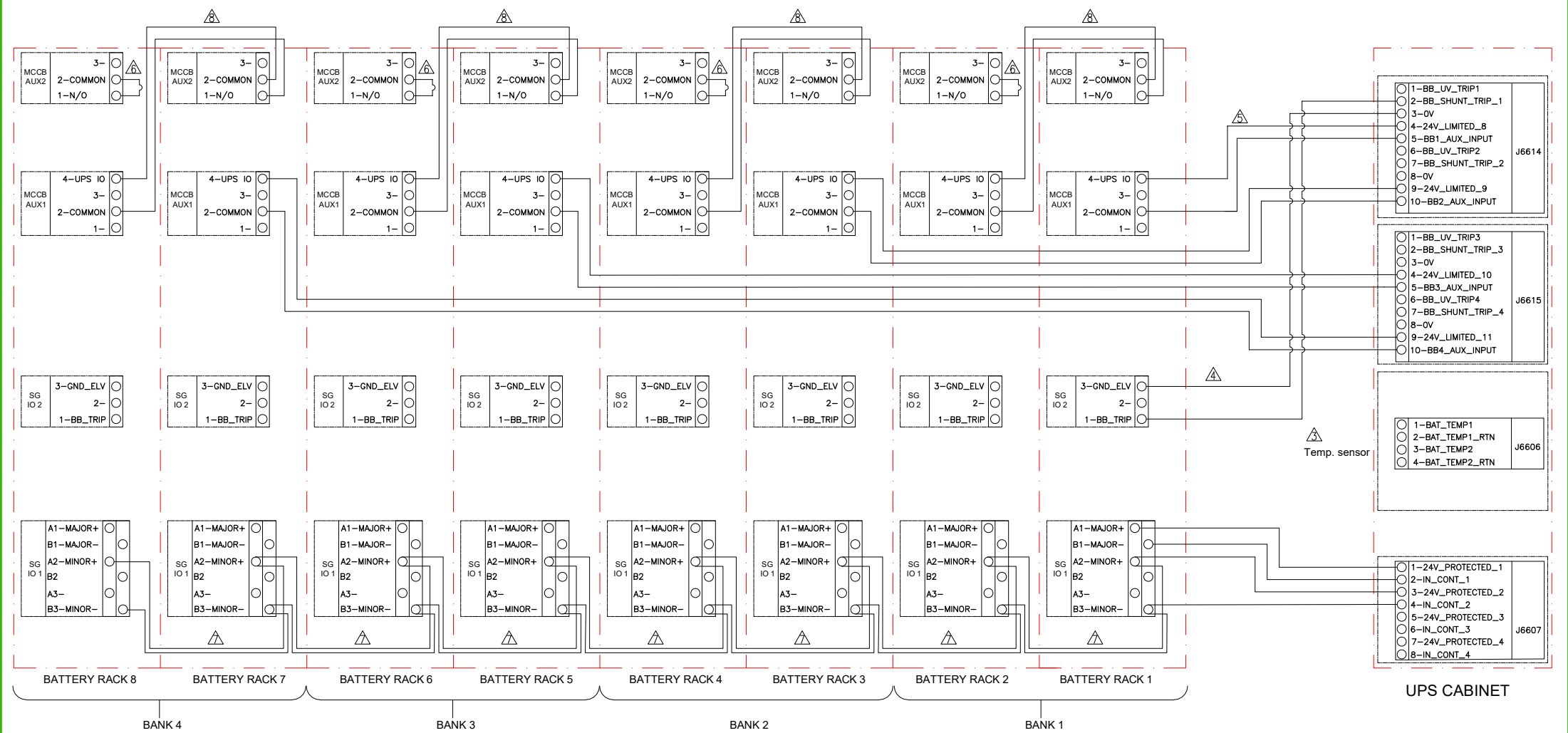


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|  |  |  |               |  |                 |  |           |  |                           |  |
|--|--|--|---------------|--|-----------------|--|-----------|--|---------------------------|--|
| TITLE:   |  |  | DWG NO:       |  | LIBSESMGGVXLIEC |  | REV.      |  | 1                         |  |
| Galaxy Lithium-ion Battery cabinet, GVXL IEC<br>SYSTEM DIAGRAM &<br>INTERFACE DETAILS-1 RACK |  |  | DRAWN:        |  | TRASSIA         |  | 17-DEC-25 |  | FIRST ANGLE<br>PROJECTION |  |
|  |  |  | ENGINEER:     |  | SHERRY LE       |  | 19-DEC-25 |  |                           |  |
| PROJECT: SUBMITTAL DRAWINGS  |  |  | SHEET 6 OF 12 |  | APPROVED:       |  | PETER LIN |  | 19-DEC-25                 |  |

INTERFACE DETAILS FOR GALAXY VXL WHEN EIGHT BATTERY RACKS CONNECTED TO UPS



CONFIGURATION WITH 8 BATTERY RACKS (2 RACK/BANK) SHOWN FOR ILLUSTRATION

- NOTES:
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  - 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - 3. INSTALL THE TEMPERATURE SENSOR OM-1160 PROVIDED WITH THE UPS IN THE BATTERY ROOM.
  - 4. USE THE PROVIDED OW13442 TO CONNECT UPS BB\_TRIP CONTACT.
  - 5. USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS.
  - 6. USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
  - 7. USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS.
  - 8. USE THE PROVIDED OW76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
  - 9. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

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TITLE:  
Galaxy Lithium-ion Battery cabinet, GVXL IEC  
INTERFACE DETAILS-8 RACKS

PROJECT: SUBMITTAL DRAWINGS

DWG NO: LIBSESMGGVXLIEC

DRAWN: TRASSIA 17-DEC-25

ENGINEER: SHERRY LE 19-DEC-25

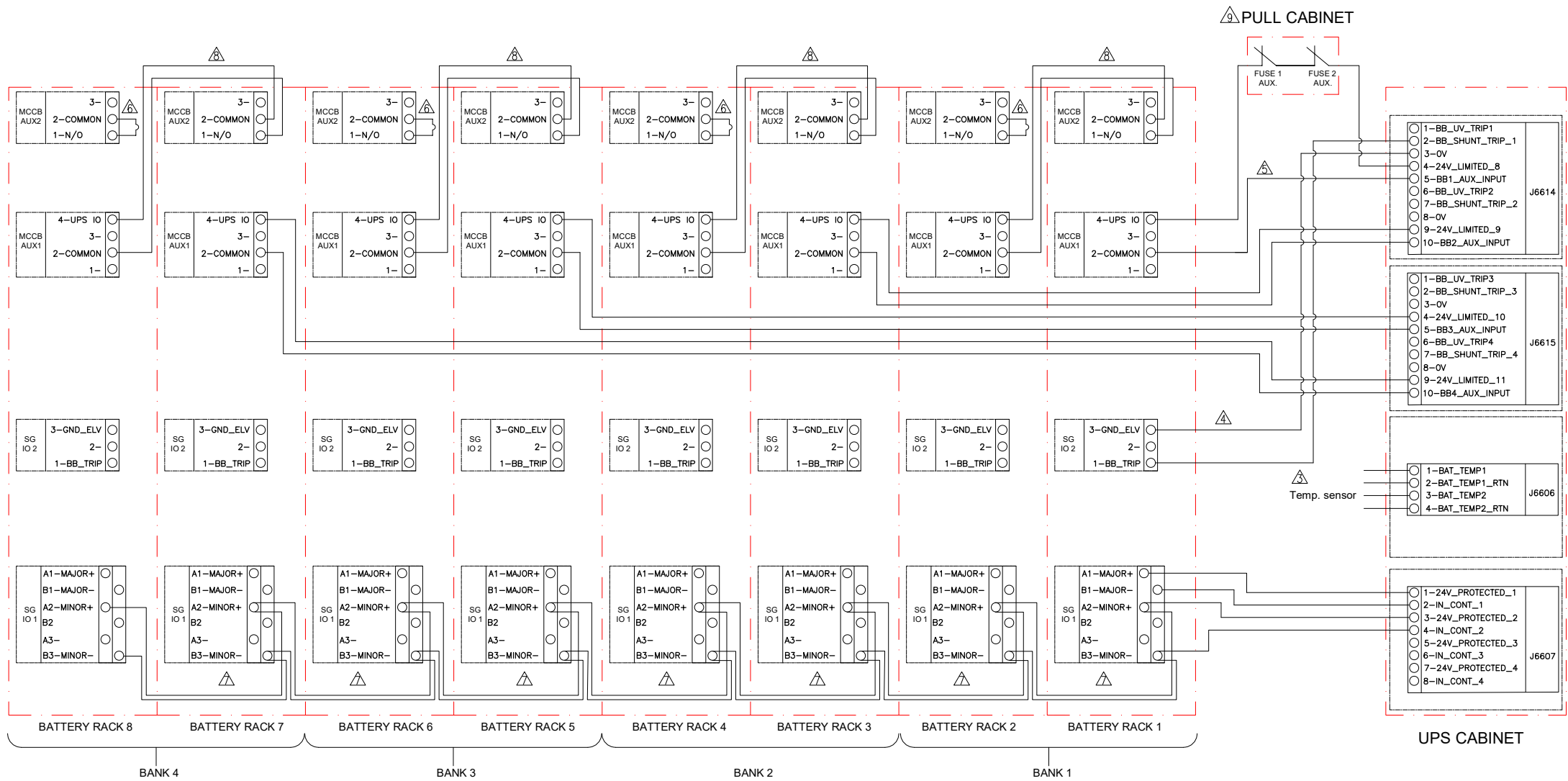
APPROVED: PETER LIN 19-DEC-25

REV. 1

ANGLE PROJECTION N.A



INTERFACE DETAILS FOR GALAXY VXL WHEN 8 BATTERY RACKS CONNECTED TO FUSED PULL CABINET & UPS



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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. INSTALL THE TEMPERATURE SENSOR OM-1160 PROVIDED WITH THE UPS IN THE BATTERY ROOM.
  4. USE THE PROVIDED OW13442 TO CONNECT UPS BB\_TRIP CONTACT.
  5. USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS.
  6. USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
  7. USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS.
  8. USE THE PROVIDED OW76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
  9. FOR MORE THAN 8 RACKS, PLEASE CONTACT APPLICATION ENGINEERING TEAM FOR THE REQUIRED CONNECTION METHODS  
i.e PULL BOX, FUSED PULL BOX AND etc)
  10. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

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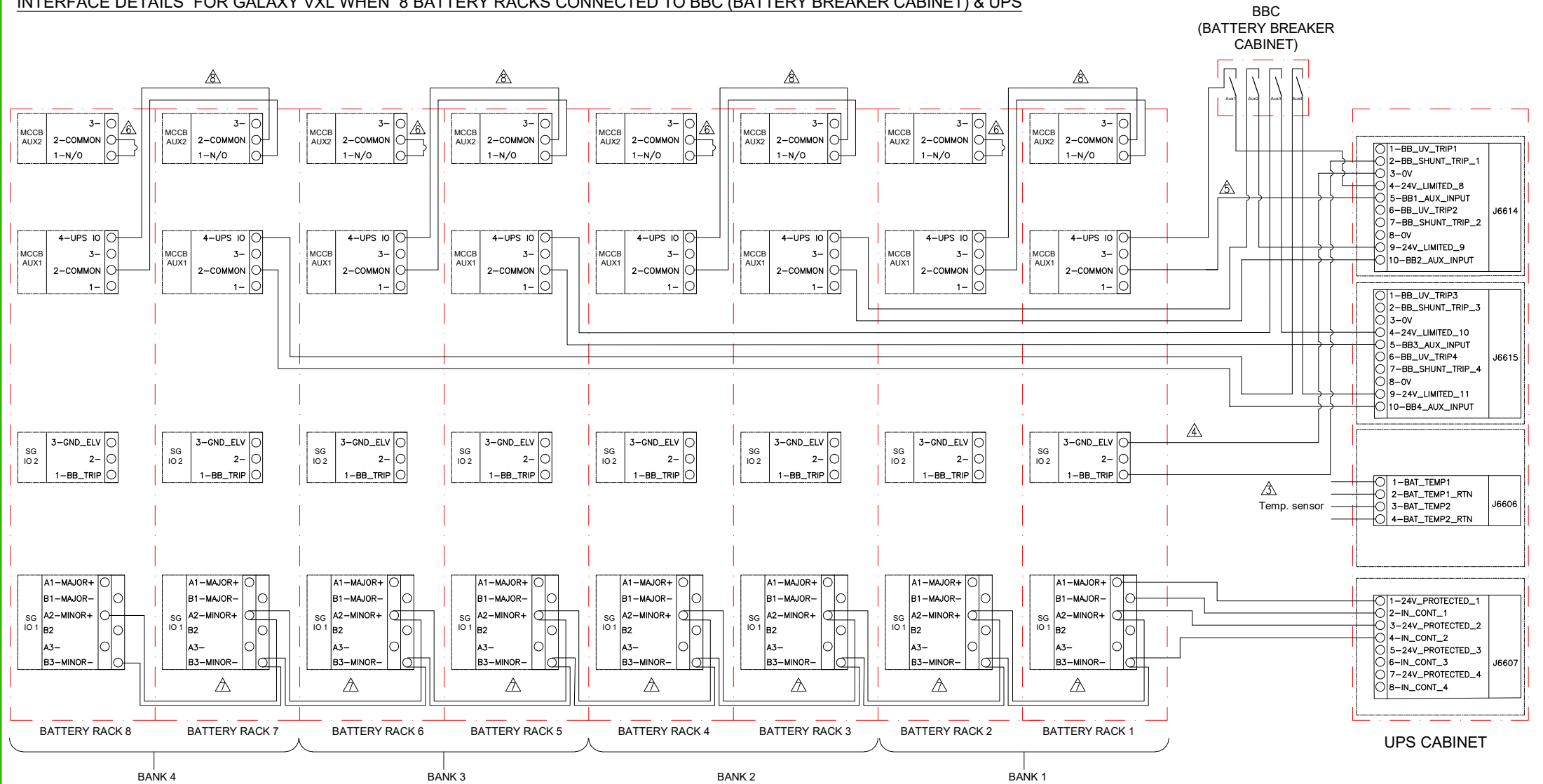
TITLE: Galaxy Lithium-ion Battery cabinet, GVXL IEC INTERFACE DETAILS-WITH PULL CABINET  
PROJECT: SUBMITTAL DRAWINGS | SHEET 8 OF 12

DWG NO: LIBSESMGGVXLIEC  
DRAWN: TRASSIA  
ENGINEER: SHERRY LE  
APPROVED: PETER LIN

REV: 1  
ANGLE PROJECTION  
N.A.



INTERFACE DETAILS FOR GALAXY VXL WHEN 8 BATTERY RACKS CONNECTED TO BBC (BATTERY BREAKER CABINET) & UPS



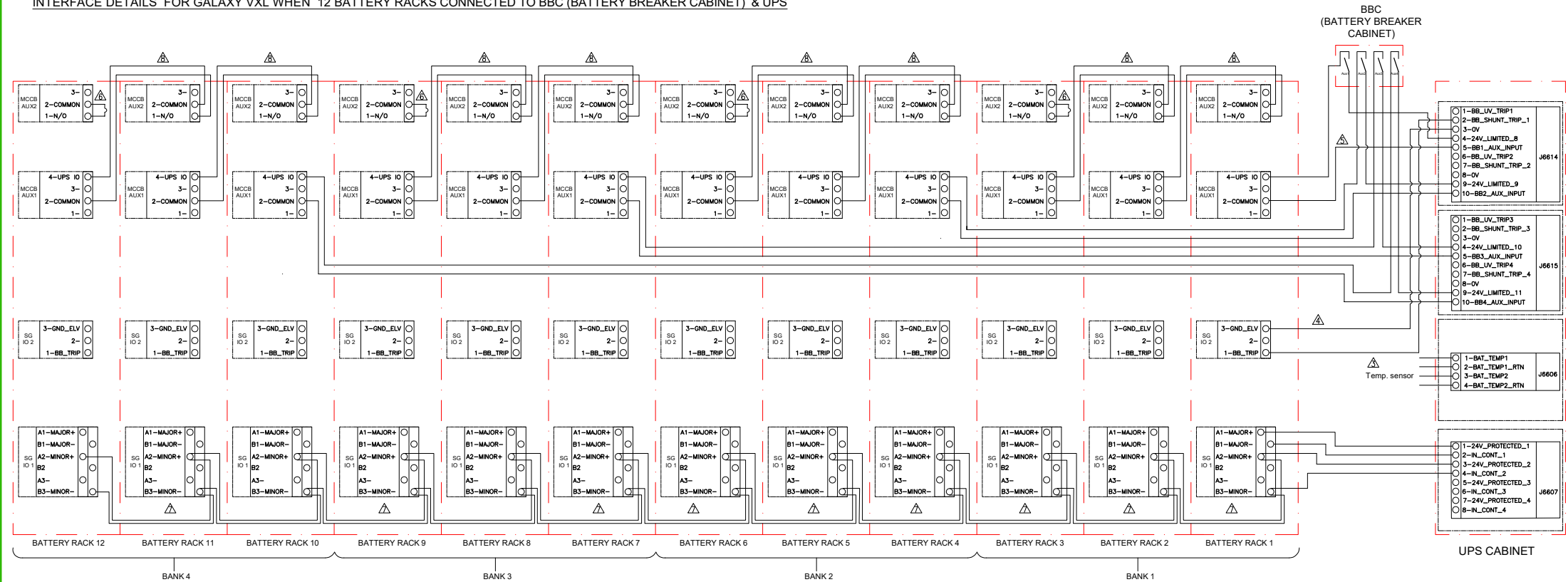
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  3. INSTALL THE TEMPERATURE SENSOR OM-1160 PROVIDED WITH THE UPS IN THE BATTERY ROOM.
  4. USE THE PROVIDED OW13442 TO CONNECT UPS BB\_TRIP CONTACT.
  5. USE THE PROVIDED OW76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS.
  6. USE THE PROVIDED OW76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
  7. USE THE PROVIDED OW13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS.
  8. USE THE PROVIDED OW76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
  9. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

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|                             |  |  |  |           |                 |           |       |            |
|-----------------------------|--|--|--|-----------|-----------------|-----------|-------|------------|
| TITLE:                      | Galaxy Lithium-ion Battery cabinet, GVXL IEC |  |  | DWG NO:   | LIBSESMGGVXLIEC |           | REV:  | 0          |
| PROJECT: SUBMITTAL DRAWINGS | SHEET 9 OF 12                                |  |  | DRAWN:    | TRASSIA         | 17-DEC-25 | ANGLE | PROJECTION |
|                             |  |  |  | ENGINEER: | SHERRY LE       | 19-DEC-25 |       |            |
|                             |  |  |  | APPROVED: | PETER LIN       | 19-DEC-25 |       |            |

INTERFACE DETAILS FOR GALAXY VXL WHEN 12 BATTERY RACKS CONNECTED TO BBC (BATTERY BREAKER CABINET) & UPS



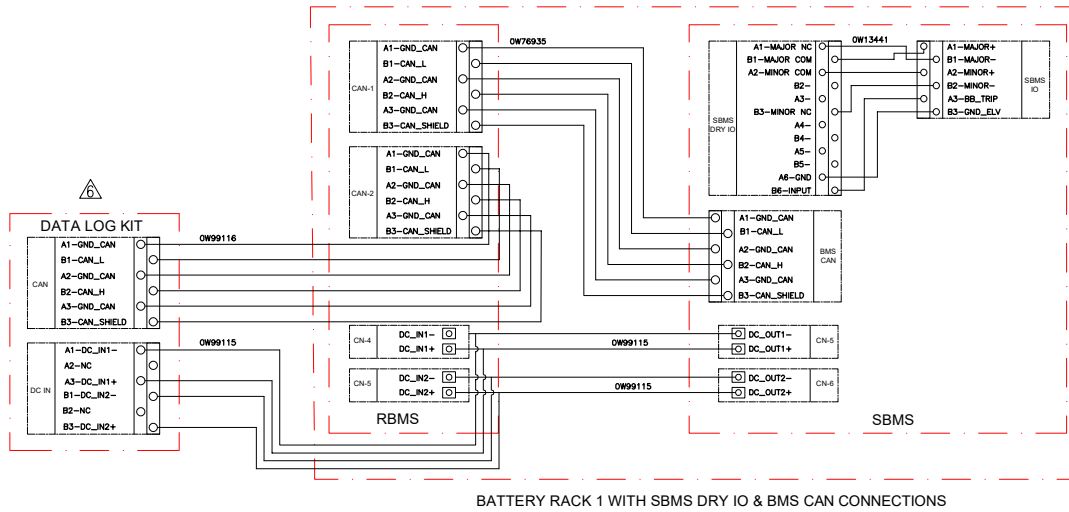
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. INSTALL THE TEMPERATURE SENSOR OM-1160 PROVIDED WITH THE UPS IN THE BATTERY ROOM.
  4. USE THE PROVIDED 0W13442 TO CONNECT UPS BB\_TRIP CONTACT.
  5. USE THE PROVIDED 0W76929 TO CONNECT MCCB AUX 1 (THE FIRST ONE RACK OF A BANK) TO UPS.
  6. USE THE PROVIDED 0W76930 TO CONNECT MCCB AUX 2 CONTACT FOR LAST RACK IN A BANK.
  7. USE THE PROVIDED 0W13444 TO CONNECT MAJOR AND MINOR FAULT CONTACTS.
  8. USE THE PROVIDED 0W76934 TO CONNECT MCCB AUX SIGNALS IN SERIES.
  9. THE SYSTEM BMS IS LOCATED IN BATTERY RACK 1 ONLY.

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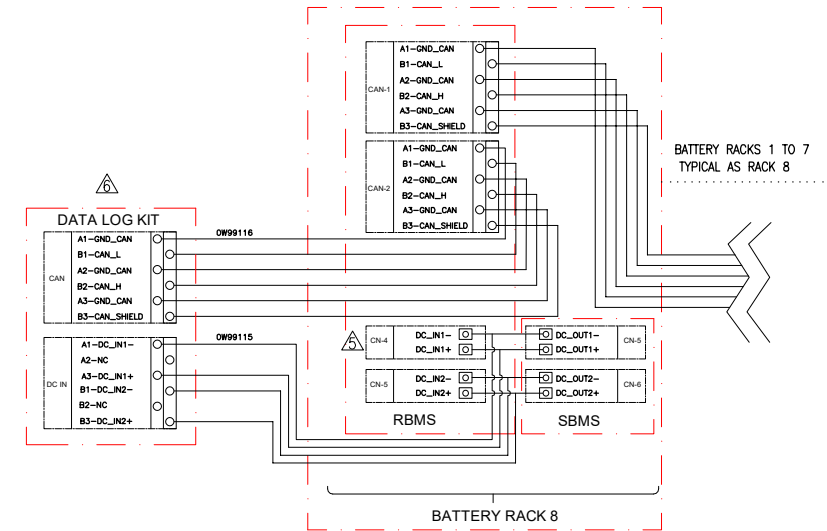


|  |  |           |                 |           |            |
|--|--|-----------|-----------------|-----------|------------|
| TITLE:                                       |  | DWG NO:   | LIBSESMGGVXLIEC | REV:      | 0          |
| Galaxy Lithium-ion Battery cabinet, GVXL IEC |  | DRAWN:    | TRASSIA         | 17-DEC-25 | ANGLE      |
| INTERFACE DETAILS-12 RACKS WITH BBC          |  | ENGINEER: | SHERRY LE       | 19-DEC-25 | PROJECTION |
| PROJECT: SUBMITTAL DRAWINGS                  |  | APPROVED: | PETER LIN       | 19-DEC-25 | N.A        |
| SHEET 10 OF 12                               |  |           |                 |           |            |

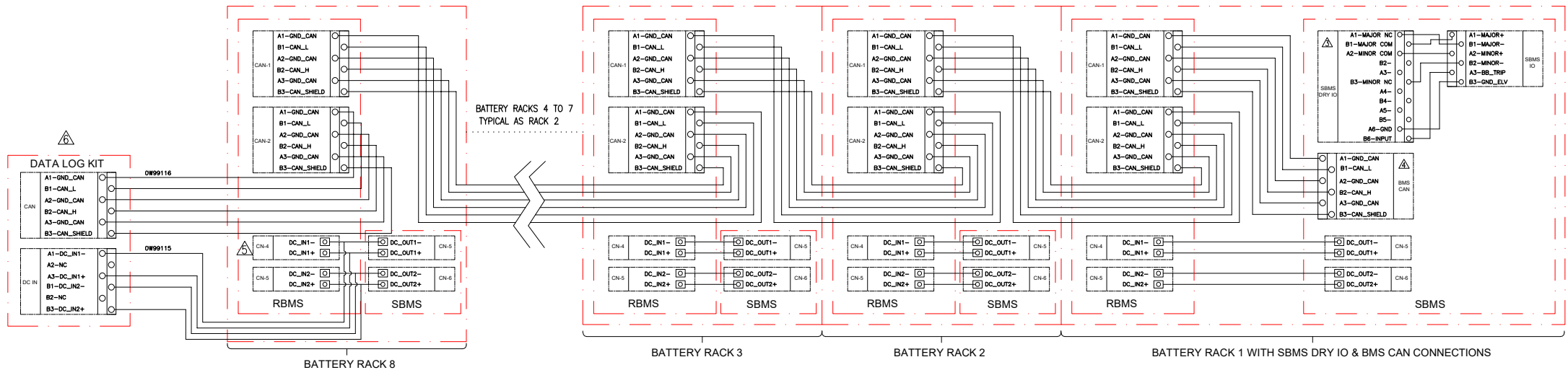
## BMS WIRING DETAILS FOR ONE BATTERY RACK



## BMS WIRING DETAILS UP TO EIGHT BATTERY RACKS WITH OPIONAL DATA KIT



## BMS WIRING DETAILS UP TO EIGHT BATTERY RACKS



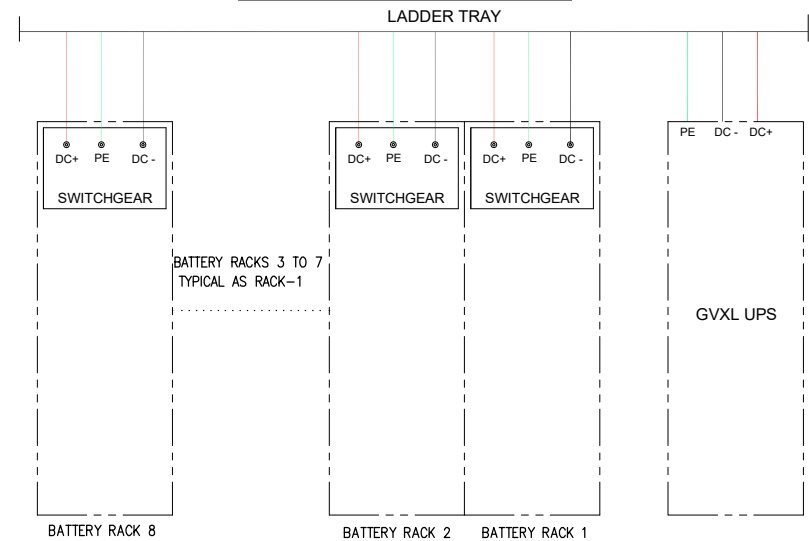
- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. **SBMS DRY IO** IS CONNECTED IN BATTERY RACK 1 ONLY.
  4. **BMS CAN** IS CONNECTED IN BATTERY RACK 1 ONLY.
  5. SLIDE THE **CAN BUS LOOP TERMINATION RESISTOR SWITCH** TO **ON** POSITION IN THE LAST ONE BATTERY RACK.
  6. DATA LOG KIT IS OPTIONAL, THE KIT NUMBER IS LIBDATBSIEC, FOR MORE THAN ONE LIB CABINET CONNECTION DATA KIT MUST BE IN THE LAST RACK ONLY.



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**Schneider Electric**

|                                |  |           |                 |           |                  |
|--------------------------------|--|-----------|-----------------|-----------|------------------|
| TITLE:                         | Galaxy Lithium-ion Battery cabinet, GVXL IEC | DWG NO:   | LIBSESMGGVXLIEC | REV:      | 2                |
| INTERFACE DETAILS-SBMS TO RBMS |  | DRAWN:    | TRASSIA         | 17-DEC-25 | ANGLE PROJECTION |
|                                |  | ENGINEER: | SHERRY LE       | 19-DEC-25 | N.A              |
| PROJECT: SUBMITTAL DRAWINGS    | SHEET 11 OF 12                               | APPROVED: | PETER LIN       | 19-DEC-25 |                  |

SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN 8 BATTERY RACKS  
CONNECTED WITH LADDER TRAY TO UPS



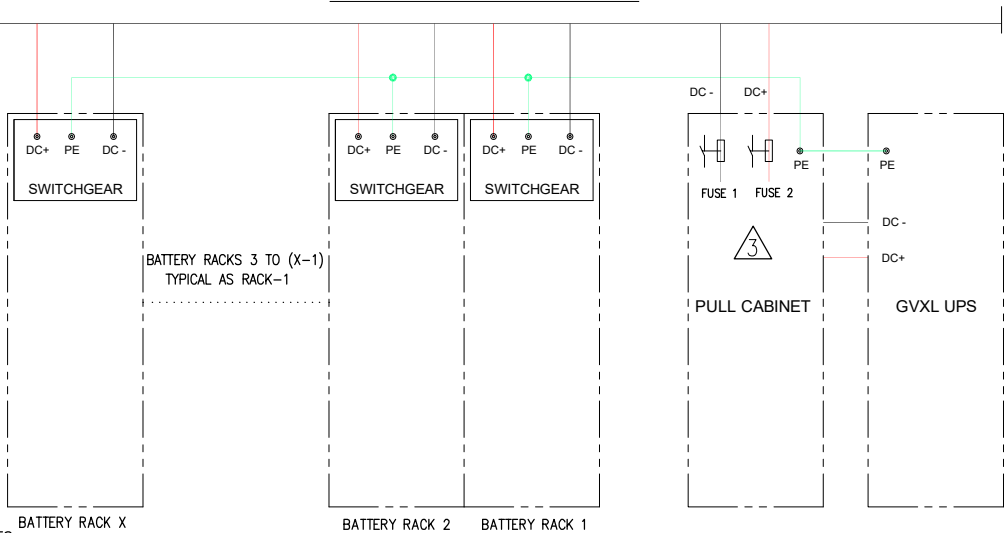
| LIB configuration |                                     |   |   |
|-------------------|-------------------------------------|---|---|
| UPS Rating (kW)   | Applicable Li-on Battery Pack (CR#) | Minimum number of Battery Racks  | Maximum number of Battery Racks  |
| 500               | LBISESMG16IEC                       | 3   | 8   |
|                   | LBISESMG17IEC                       | 3   | 8   |
| 600               | LBISESMG16IEC                       | 4   | 8   |
|                   | LBISESMG17IEC                       | 4   | 8   |
| 625               | LBISESMG16IEC                       | 4   | 8   |
|                   | LBISESMG17IEC                       | 4   | 8   |
| 750               | LBISESMG16IEC                       | 5   | 8   |
|                   | LBISESMG17IEC                       | 5   | 8   |
| 875               | LBISESMG16IEC                       | 6   | 8   |
|                   | LBISESMG17IEC                       | 5   | 8   |
| 1000              | LBISESMG16IEC                       | 6   | 8   |
|                   | LBISESMG17IEC                       | 6   | 8   |
| 1125              | LBISESMG16IEC                       | 7   | 8   |
|                   | LBISESMG17IEC                       | 7   | 8   |
| 1250              | LBISESMG16IEC                       | 8   | 8   |
|                   | LBISESMG17IEC                       | 7   | 8   |

Aux contacts of MCCB are wired in series when there are more than 4 strings and distributed according to the table below

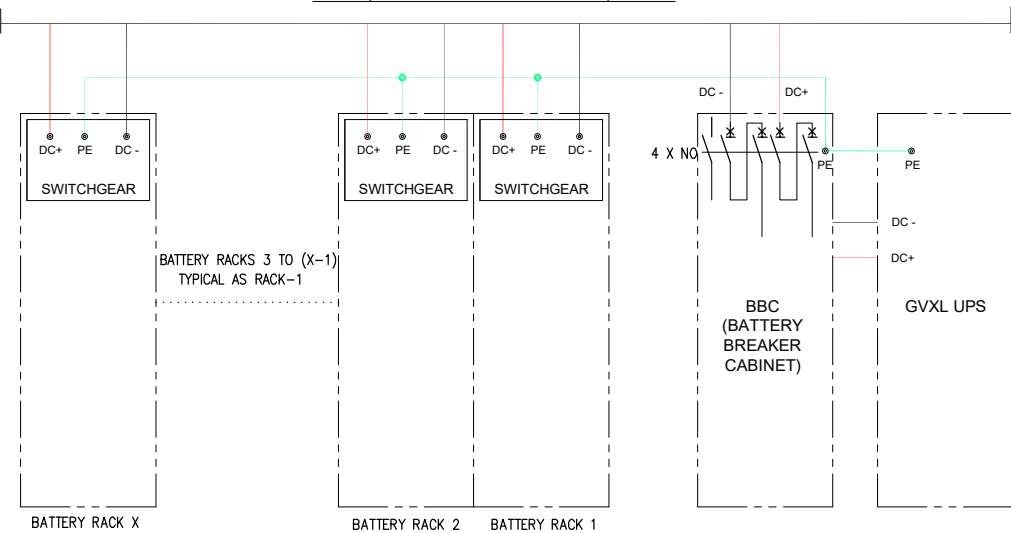
| Number of Strings | Strings per Bank                              |   |   |   |
|-------------------|---|---|---|---|
|                   | MCCB's AUX Contact serialized on AUX in Bank1 | MCCB's AUX Contact serialized on AUX in Bank2 | MCCB's AUX Contact serialized on AUX in Bank3 | MCCB's AUX Contact serialized on AUX in Bank4 |
| 5                 | 2   | 1   | 1   | 1   |
| 6                 | 2   | 2   | 1   | 1   |
| 7                 | 2   | 2   | 2   | 1   |
| 8                 | 2   | 2   | 2   | 2   |
| 9                 | 3   | 2   | 2   | 2   |
| 10                | 3   | 3   | 2   | 2   |
| 11                | 3   | 3   | 3   | 2   |
| 12                | 3   | 3   | 3   | 3   |
| 13                | 4   | 3   | 3   | 3   |
| 14                | 4   | 4   | 3   | 3   |
| 15                | 4   | 4   | 4   | 3   |
| 16                | 4   | 4   | 4   | 4   |
| 17                | 5   | 4   | 4   | 4   |

CONTACT APPLICATION TEAM FOR CONFIGURATION WITH MORE THAN 17 RACKS

SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN MORE THAN 8 BATTERY RACKS CONNECTED WITH LADDER TRAY & PULL CABINET TO UPS LADDER TRAY



SCHEMATIC DIAGRAM - POWER, FOR GALAXY VXL WHEN MORE THAN 8 BATTERY RACKS CONNECTED WITH LADDER TRAY & BBC (BATTERY BREAKER CABINET) TO UPS



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. REFER TO PAGE-6 FOR MORE DETAILS REGARDING CONNECTIONS, CONFIGURATIONS AND RACK'S SHORT CIRCUIT RATING RMS VALUE.
4. WHEN PARTIAL DISCHARGE IS NOT CONSIDERED.
5. WHEN LIB RACKS ARE CONNECTED DIRECTLY TO UPS (GVXL).
6. WHEN MORE THAN 8 RACKS ARE CONNECTED PULL CABINET OR BATTERY BREAKER CABINET IS USED BETWEEN LIB RACKS & UPS (GVXL).

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|   |  |                            |           |
|---|--|----------------------------|-----------|
| TITLE:<br>Galaxy Lithium-ion Battery cabinet, GVXL IEC<br>SCHEMATIC DIAGRAM |  | DWG NO:<br>LIBSESMGGVXLIEC | REV. 1    |
| PROJECT: SUBMITTAL DRAWINGS SHEET 12 OF 12                                  |  | DRAWN:<br>TRASSIA          | 17-DEC-25 |
|   |  | ENGINEER:<br>SHERRY LE     | 19-DEC-25 |
|   |  | APPROVED:<br>PETER LIN     | 19-DEC-25 |

ANGLE  
PROJECTION  
N.A.