

- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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**Schneider
Electric**

TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
80-120kW, 3PH, 400V, SINGLE UNIT
ISOMETRIC VIEW

PROJECT: SUBMITTAL DRAWINGS **SHEET 1 OF 6**

DWG NO: GVSBSU80K120H-WP

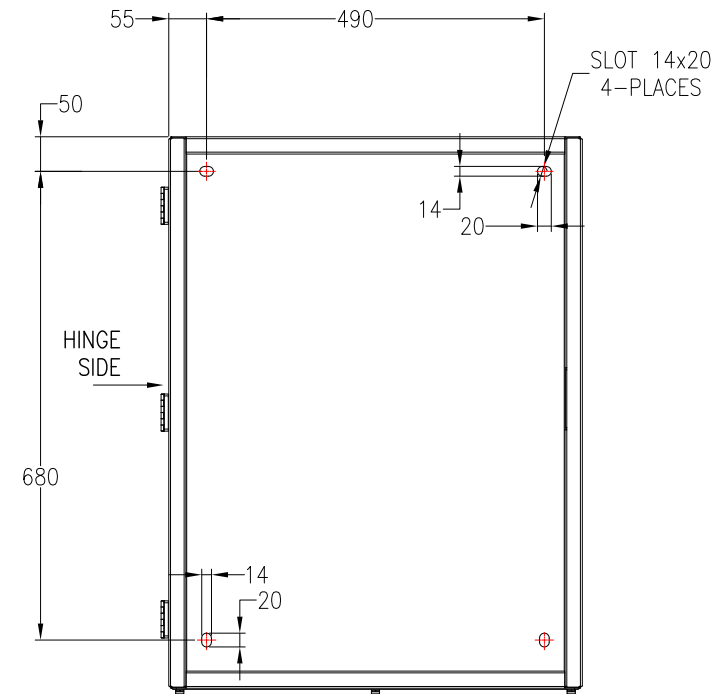
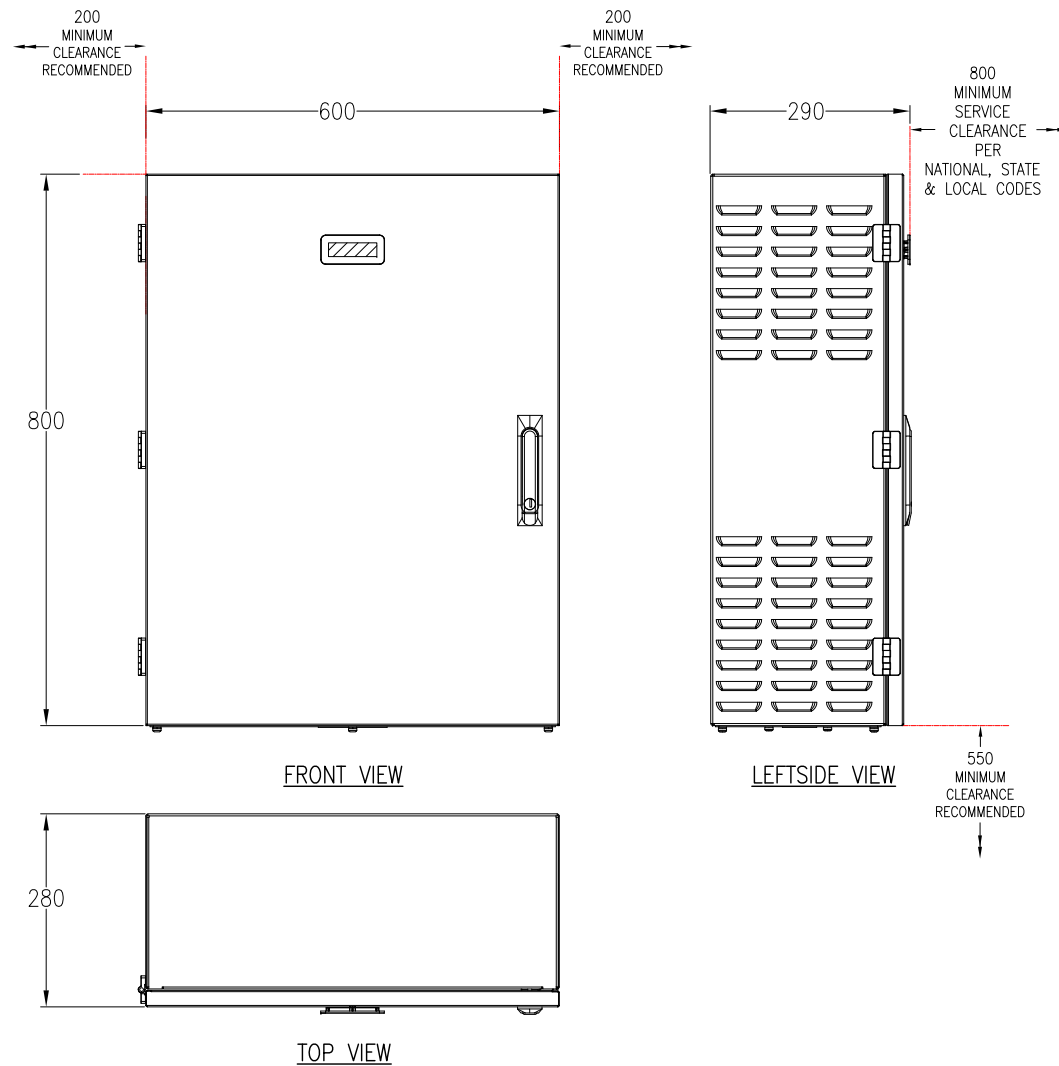
DRAWN: K.NAGENDRA 20-SEP-22

ENGINEER: JIACHEN LIN 20-SEP-22

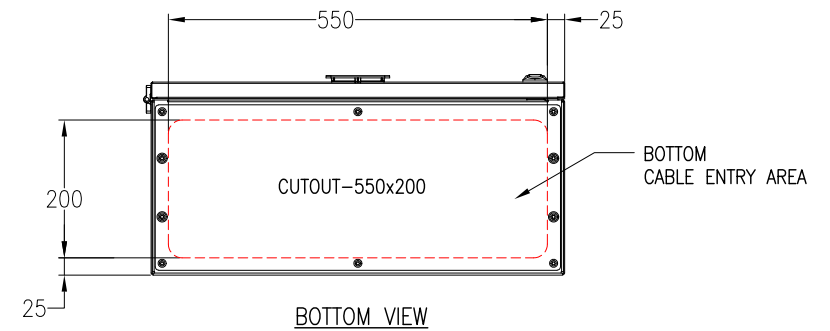
APPROVED: JIACHEN L/RENE I 20-SEP-22

REV. 1

**FIRST
ANGLE
PROJECTION:**



FRONT VIEW-WALLMOUNT DETAILS
(DOOR & INTERNAL DETAILS NOT SHOWN FOR THE PURPOSE OF CONVENIENCE)



- NOTES:**
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 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS.
 4. CABLE ENTRY IS THROUGH THE BOTTOM OF UNIT.
 5. FRONT SERVICE ACCESS IS REQUIRED.
 6. NET WEIGHT OF THE UNIT IS 40kg.

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Schneider Electric

TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
80-120kW, 3PH, 400V, SINGLE UNIT
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS **SHEET 2 OF 6**

DWG NO: GVSFPSU80K120H-WP

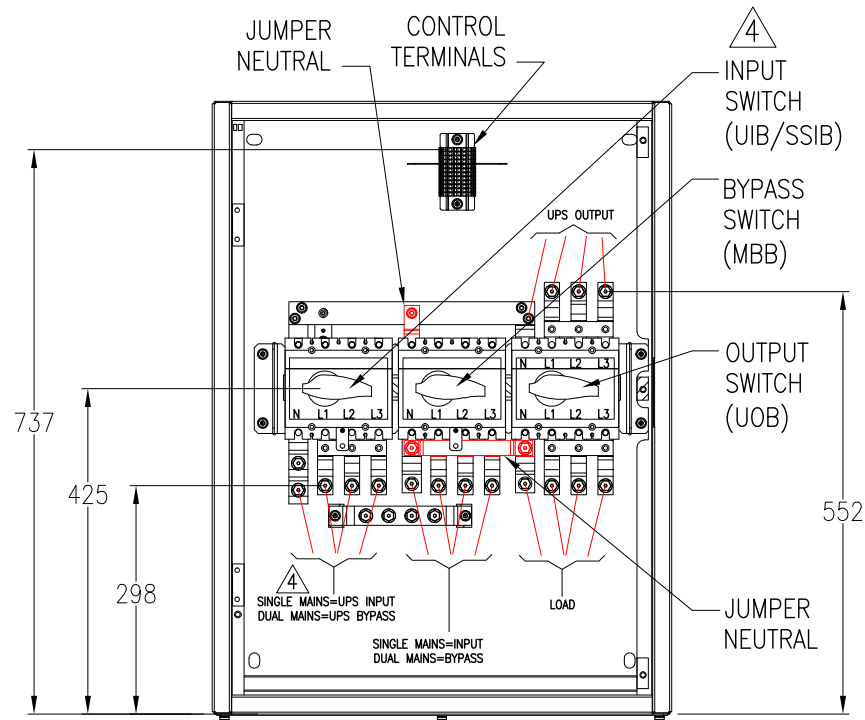
DRAWN: K.NAGENDRA 20-SEP-22

ENGINEER: JIACHEN LIN 20-SEP-22

APPROVED: JIACHEN L/RENE I 20-SEP-22

REV. 1

FIRST ANGLE PROJECTION:

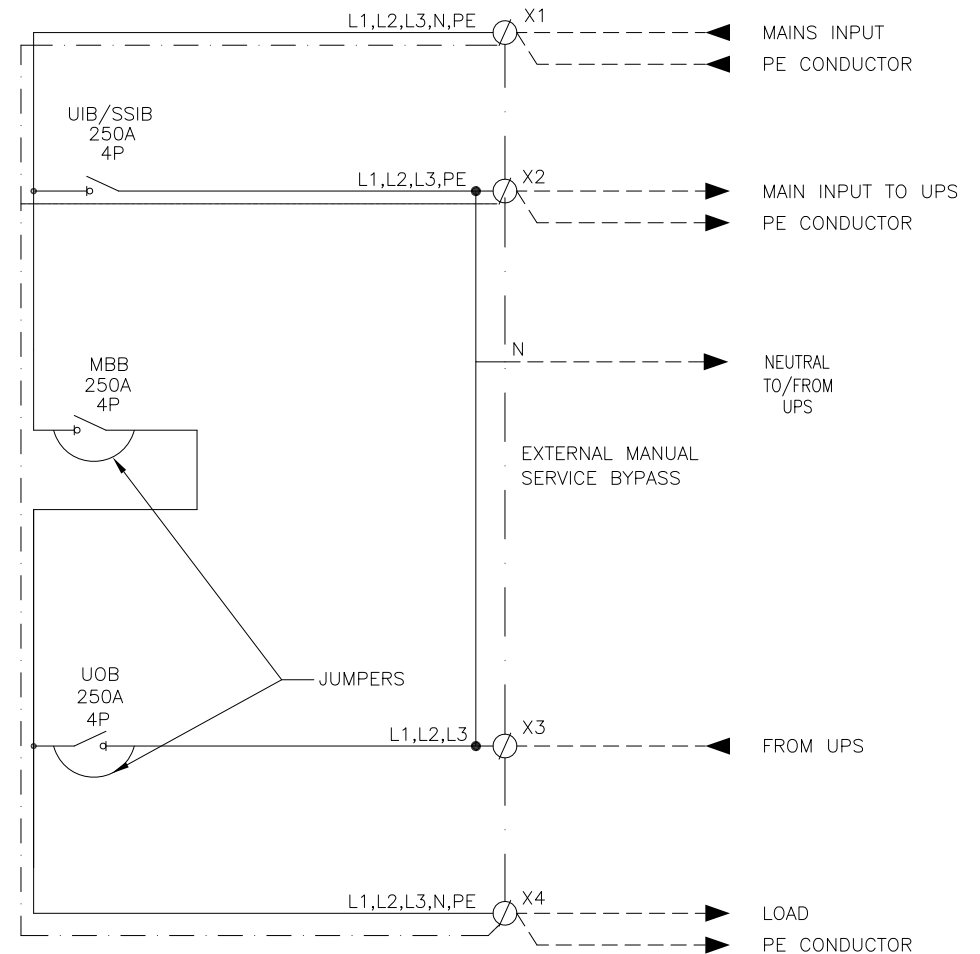


FRONT VIEW
(INTERNAL DETAILS)

NOTES:

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2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS.
- △ 4. CABLE CONNECTIONS:
ONLY FOR SINGLE MAINS – CONNECT UPS INPUT CABLES.
ONLY FOR DUAL MAINS – CONNECT UPS BYPASS CABLES.
5. REFER TO WIRING DIAGRAM FOR CONTROL AND COMMUNICATION INTERFACE DETAILS.
6. THE NEUTRAL BUSBARS MAKES A BOLTED CONNECTION OF THE NEUTRAL SO THAT THE NEUTRAL IS NOT DISCONNECTED WHEN THE 4-POLE BREAKERS ARE OPENED. DO NOT REMOVE THE NEUTRAL BUSBAR UNLESS ALLOWED BY LOCAL REGULATIONS.
7. MBP WILL SUPPORT UPTO 1+1 REDUNDANT SYSTEM. REFER TO MANUAL FOR CONNECTION DETAILS.

POWER CIRCUIT DIAGRAM



NOTES:

1. DASH-DOT (— · — · — ·) LINES INSIDE OF MBP UNIT, REPRESENT PE-CONDUCTOR CONNECTION.
2. DASHED (— — —) LINES OUTSIDE OF MBP UNIT, REPRESENT CABLING PROVIDED BY OTHERS.

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Schneider Electric

TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
80-120KW, 3PH, 400V, SINGLE UNIT
INTERNAL VIEW AND POWER CIRCUIT

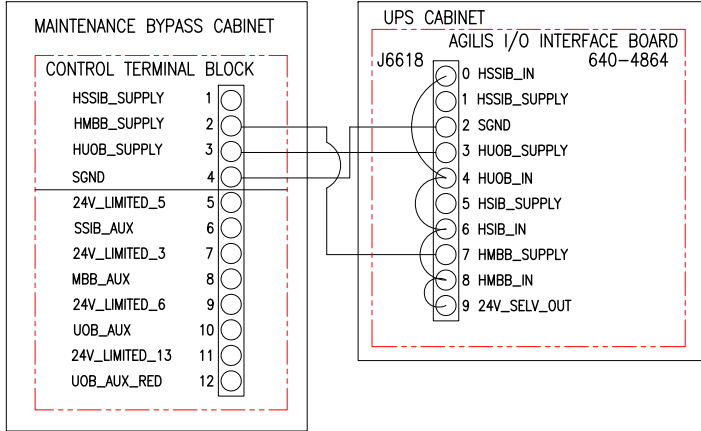
PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 6

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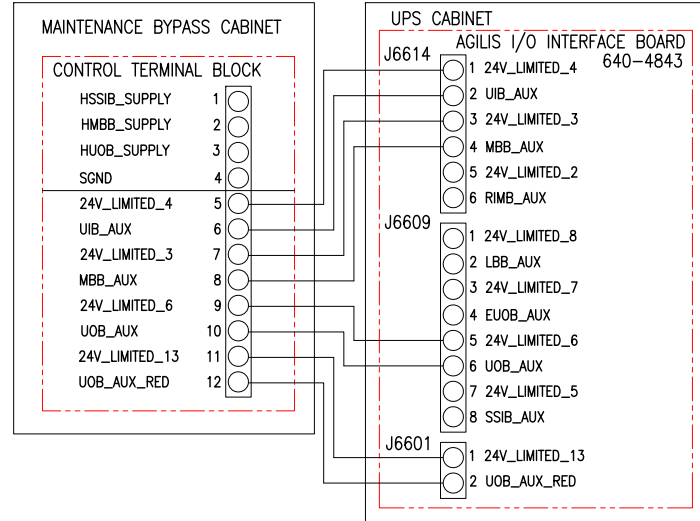
DRAWN: K.NAGENDRA	20-SEP-22
ENGINEER: JIACHEN LIN	20-SEP-22
APPROVED: JIACHEN L/RENE I	20-SEP-22

REV. 1
FIRST ANGLE
PROJECTION

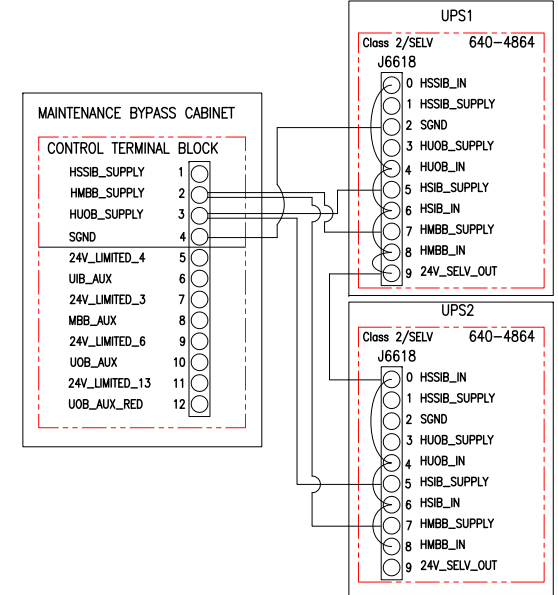
CONNECTION CLASS 2/SELV SIGNAL CABLE
(SINGLE MAINS SYSTEMS)



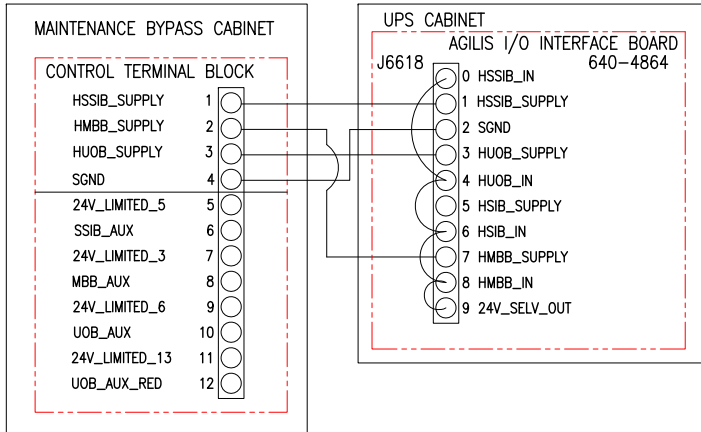
CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE
(SINGLE MAINS SYSTEM)



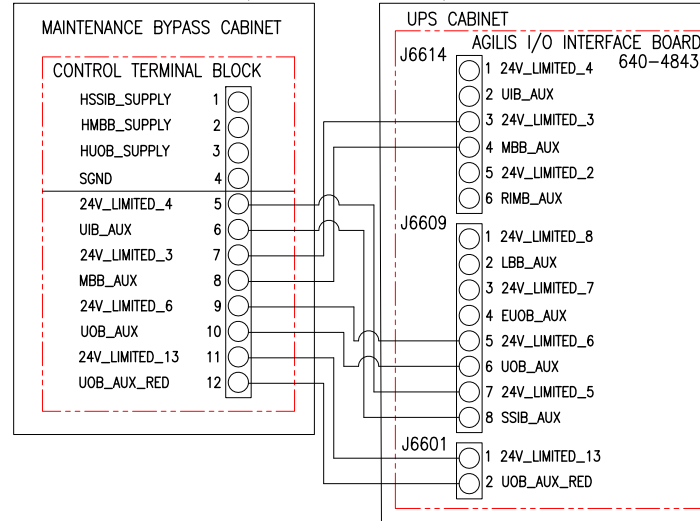
CONNECTION CLASS 2/SELV SIGNAL CABLE
(SIMPLIFIED 1+1 PARALLEL SYSTEM - SINGLE MAINS)



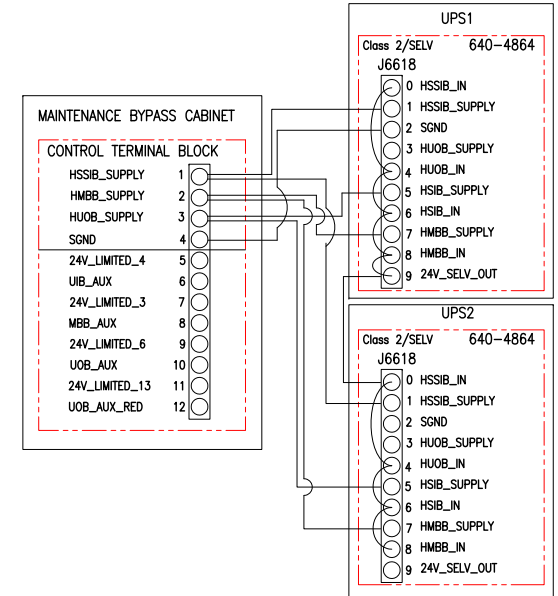
CONNECTION CLASS 2/SELV SIGNAL CABLE
(DUAL MAINS SYSTEMS)



CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE
(DUAL MAINS SYSTEM)



CONNECTION CLASS 2/SELV SIGNAL CABLE
(SIMPLIFIED 1+1 PARALLEL SYSTEM - DUAL MAINS)



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 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. CABLES BETWEEN UPSs AND SYSTEM BYPASS PANEL PROVIDED BY OTHERS.
 4. ROUTE THE SIGNAL CABLES SEPARATELY FROM THE POWER CABLES AND ALSO ROUTE THE CLASS 2/SELV CABLES SEPARATELY FROM THE NON-CLASS 2/NON-SELV CABLES.

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Schneider Electric

TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
80-120KW, 3PH, 400V, SINGLE UNIT
CONTROL CONNECTIONS1

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 6

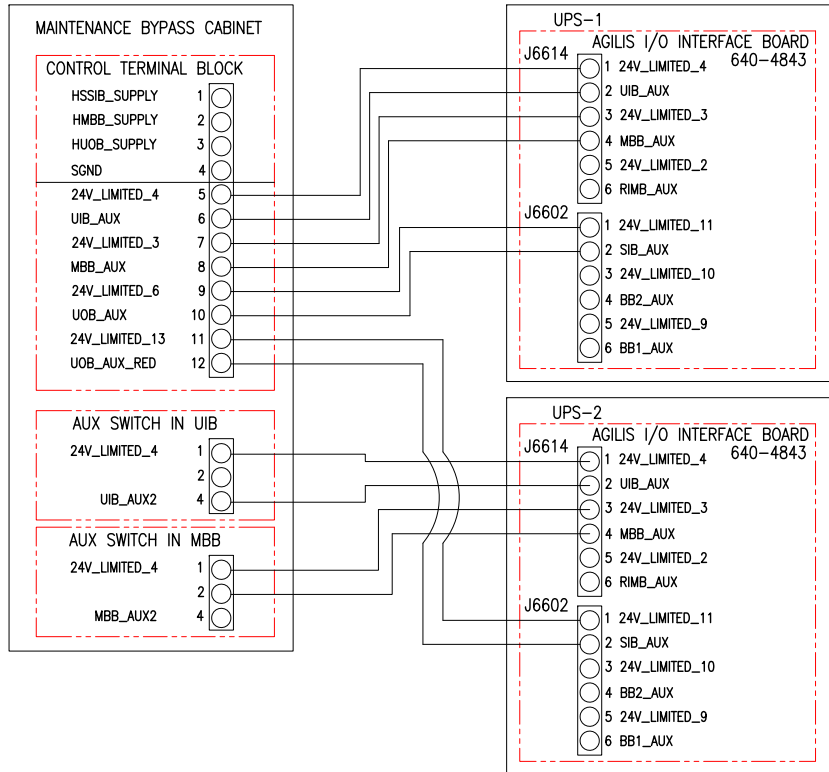
DWG NO: GVSBSU80K120H-WP

DRAWN: K.NAGENDRA/BALA
ENGINEER: JACHEN LIN
APPROVED: JACHEN L/RENE I

REV. 2

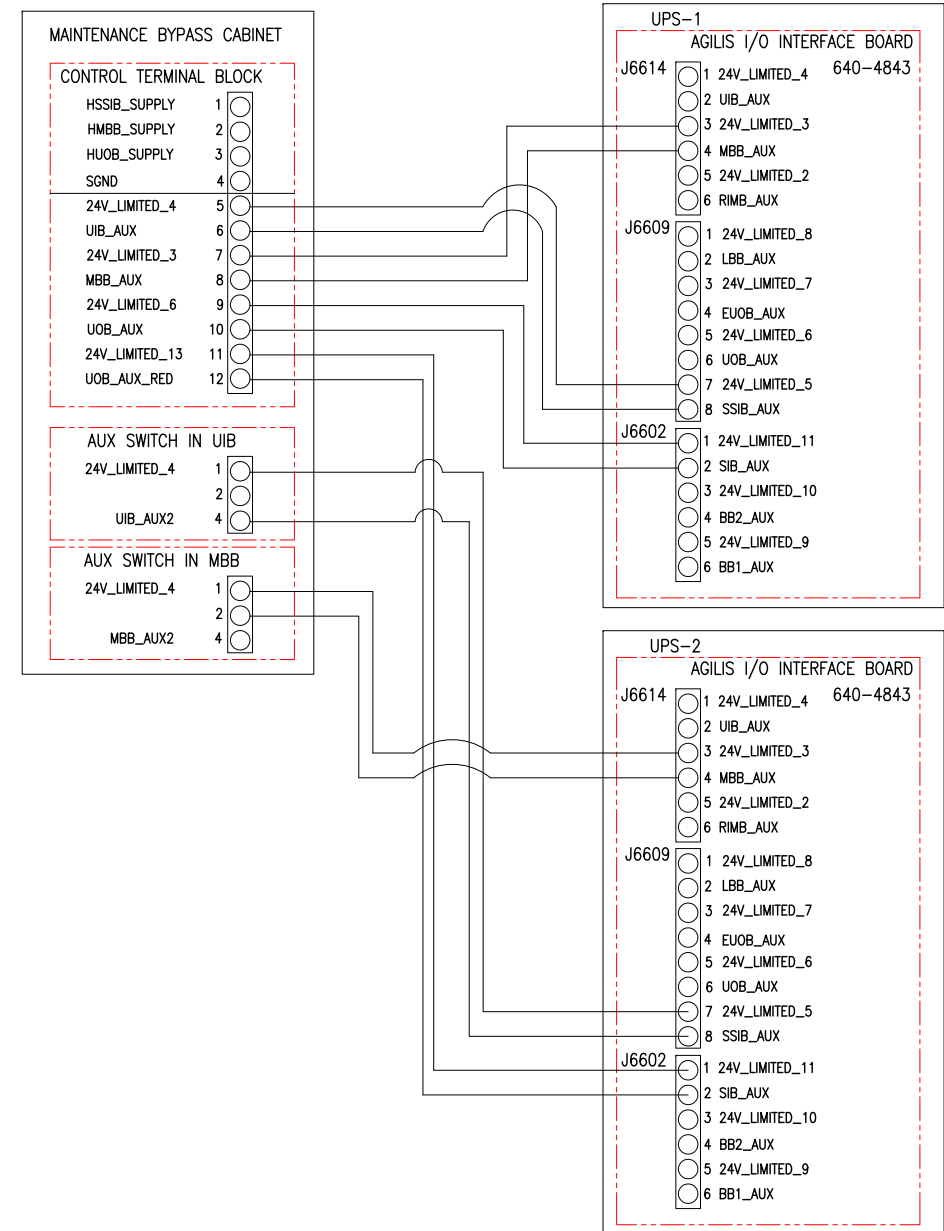
FIRST ANGLE PROJECTION

CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE
(SIMPLIFIED 1+1 PARALLEL SYSTEM – SINGLE MAINS)



- NOTES:
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 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. CABLES BETWEEN UPSs AND SYSTEM BYPASS PANEL PROVIDED BY OTHERS.
 4. ROUTE THE SIGNAL CABLES SEPARATELY FROM THE POWER CABLES AND ALSO ROUTE THE CLASS 2/SELV CABLES SEPARATELY FROM THE NON-CLASS 2/NON-SELV CABLES.

CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE
(SIMPLIFIED 1+1 PARALLEL SYSTEM – DUAL MAINS)



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Schneider Electric

TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
80-120kW, 3PH, 400V, SINGLE UNIT
CONTROL CONNECTIONS2

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 6

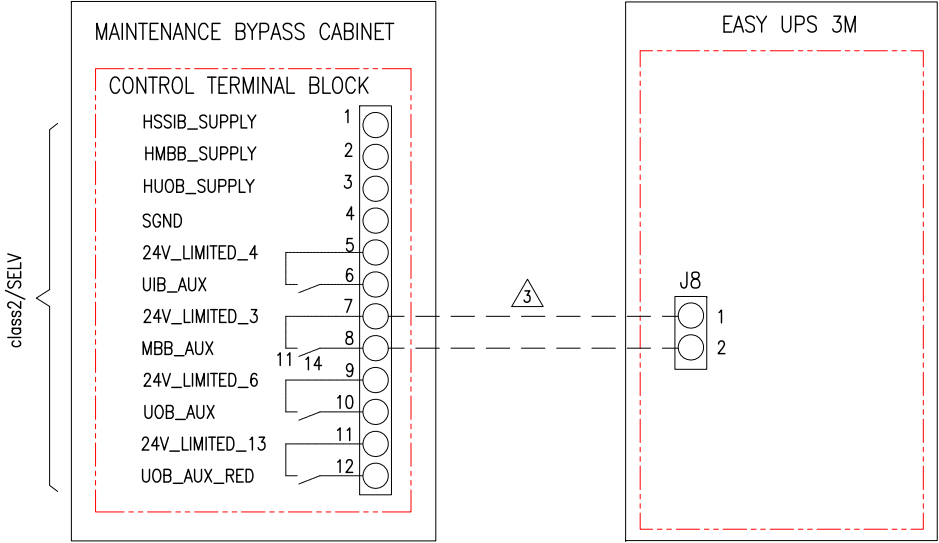
DWG NO: GVSBPUSU80K120H-WP

DRAWN: K.NAGENDRA/BALA	20-SEP-22
ENGINEER: JIACHEN LIN	20-SEP-22
APPROVED: JIACHEN L/RENE I	20-SEP-22

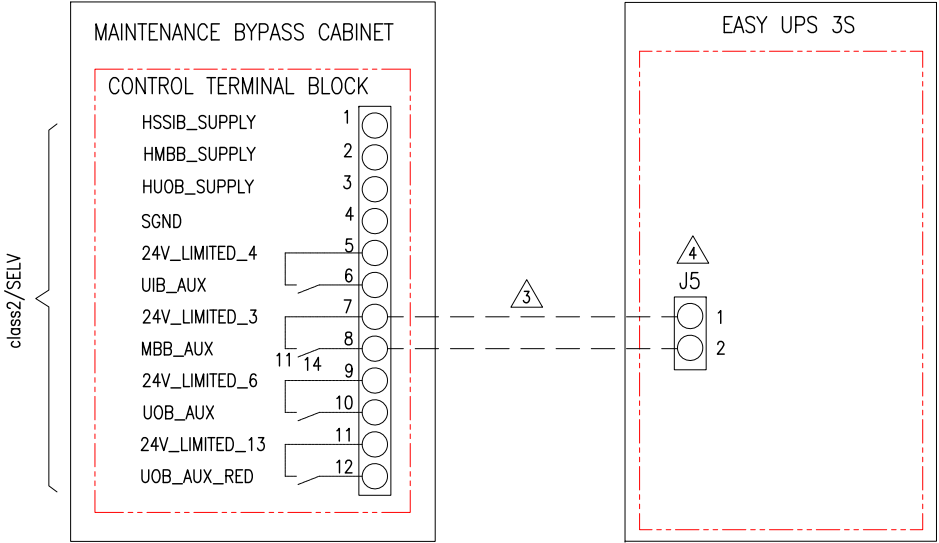
REV. 1
FIRST ANGLE
PROJECTION

INTERFACE DETAILS FOR GVS BYPASS PANEL TO USE WITH UNITARY EASY 3S & 3M UPS

INTERFACE DETAILS—SIGNAL CABLES CONNECTION FOR MBC & E3M UPS 3:3—60kVA/80kVA

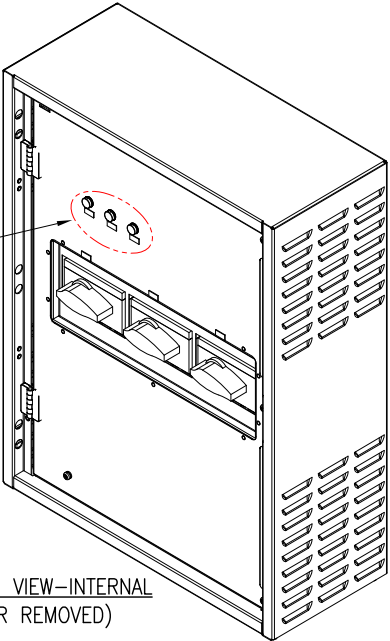


INTERFACE DETAILS—SIGNAL CABLES CONNECTION FOR MBC & E3S UPS 3:1—30kVA



REMOVE 3x INDICATOR LAMPS INTERNAL CONNECTIONS AND CHANGE MBC AUX CONTACT CABLING FROM NC TO NO

REMOVE THESE 3x LAMPS/STICKERS AND PUT PLUGS WHEN USED FOR EASY 3S & 3M UPS (PLUGS NOT PROVIDED)



FRONT ISOMETRIC VIEW—INTERNAL
(FRONT DOOR REMOVED)

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 3. CABLES BETWEEN UPS AND MAINTENANCE BYPASS PANEL ARE PROVIDED BY OTHERS.
 4. THERE IS NO DEDICATED INPUT CONTACT IN EASY 3S UPS FOR MBB. PROGRAMMABLE J5 CONTACT TO BE CONFIGURED AS MAIN CB NO.
 5. ROUTE THE SIGNAL CABLES SEPARATELY FROM THE POWER CABLES AND ALSO ROUTE THE CLASS 2/SELV CABLES SEPARATELY FROM THE NON-CLASS 2/NON-SELV CABLES.

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TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
3PH, 400V, SINGLE UNIT
INTERFACE DETAILS FOR EASY UPS 3M & 3S
PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 6

DWG NO: GVSBPUSU80K120H-WP
DRAWN: JAYAPRAKASH
ENGINEER: Leon DU
APPROVED: HARISH R

REV: 0
FIRST ANGLE
PROJECTION: 20-SEP-22