

- 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.
  3. ALL DIMENSIONS ARE IN MILLIMETERS.
  4. CABLE ENTRY IS THROUGH THE BOTTOM OF UNIT.
  5. FRONT AND BOTTOM SERVICE ACCESS REQUIRED, RIGHT,LEFT SIDE VENTILATION CLEARANCES RECOMMENDED.
  6. NET WEIGHT OF THE UNIT IS 12kg.
  7. PROTECTION CLASS: IP20.
  8. PANEL COLOR: RAL 9003, GLOSS LEVEL 85%.
  9. OPERATING TEMPERATURE: 0°C TO 40°C.

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**Schneider Electric**

**TITLE:** GALAXY VS  
WALLMOUNT MAINTENANCE BYPASS PANEL  
10/20KW, 3PH 400V SINGLE UNIT  
GENERAL ARRANGEMENT

**PROJECT:** SUBMITTAL DRAWINGS **SHEET 1 OF 5**

**DWG NO:** GVSbpsu10k20H

**DRAWN:** K NAGENDRA

**ENGINEER:** ChenLei BAO

**APPROVED:** JiaChen LIN

**REV.** 1

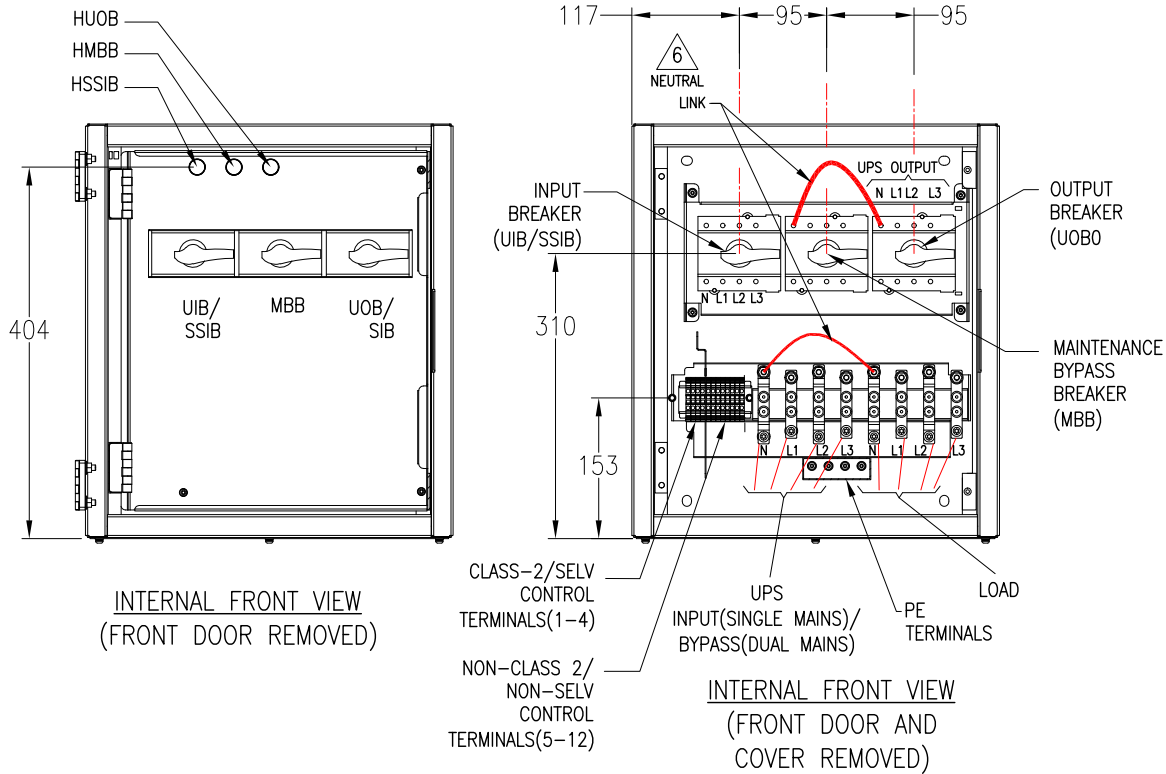
**20-SEP-22**

**22-SEP-22**

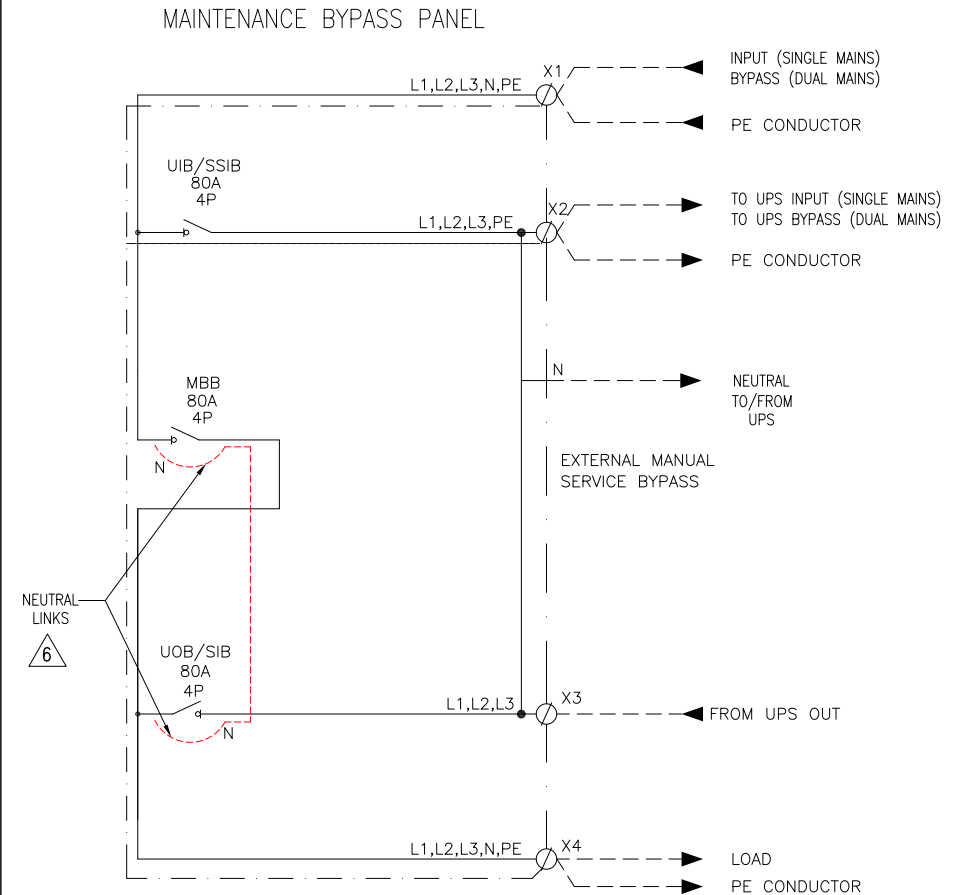
**22-SEP-22**

**FIRST ANGLE PROJECTION:**

## INTERNAL DETAILS



## POWER CIRCUIT DIAGRAM



### NOTES:

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3. ALL DIMENSIONS ARE IN MILLIMETERS.
4. DASH-DOT (---) LINES INSIDE OF MBP UNIT, REPRESENT PE-CONDUCTOR CONNECTION.
5. DASHED (---) LINES OUTSIDE OF MBP UNIT, REPRESENT CABLING PROVIDED BY OTHERS.
- △ 6. THE NEUTRAL JUMPERS 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 JUMPERS UNLESS ALLOWED BY LOCAL REGULATIONS.
7. MAXIMUM ALLOWABLE INPUT, BYPASS CABLE, LOAD AND OUTPUT CABLE SIZE IS 16 Sqmm.
8. MBP WILL SUPPORT UPTO 1+1 REDUNDANT SYSTEM. REFER TO MANUAL FOR CONNECTION DETAILS.

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**Schneider Electric**

TITLE: GALAXY VS  
WALLMOUNT MAINTENANCE BYPASS PANEL  
10/20kW, 3PH 400V SINGLE UNIT  
INTERNAL VIEW AND POWER CIRCUIT

DWG NO: GVSBPUSU10K20H

REV. 1

DRAWN: K NAGENDRA 20-SEP-22

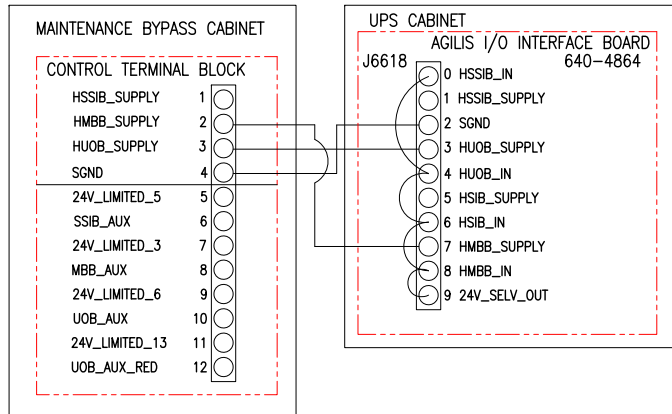
ENGINEER: ChenLei BAO 22-SEP-22

APPROVED: JiaChen LIN 22-SEP-22

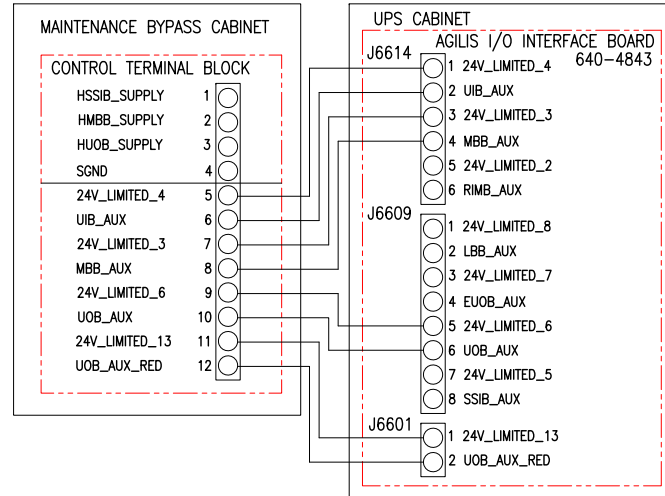
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 5

FIRST ANGLE PROJECTION

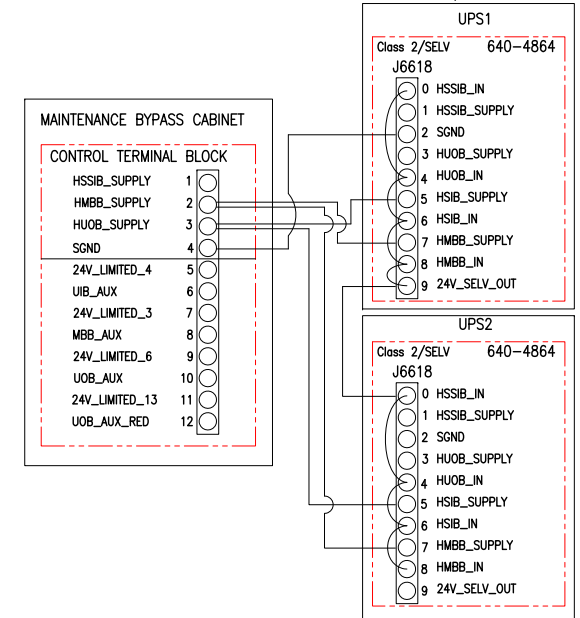
### CONNECTION CLASS 2/SELV SIGNAL CABLE (SINGLE MAINS SYSTEMS)



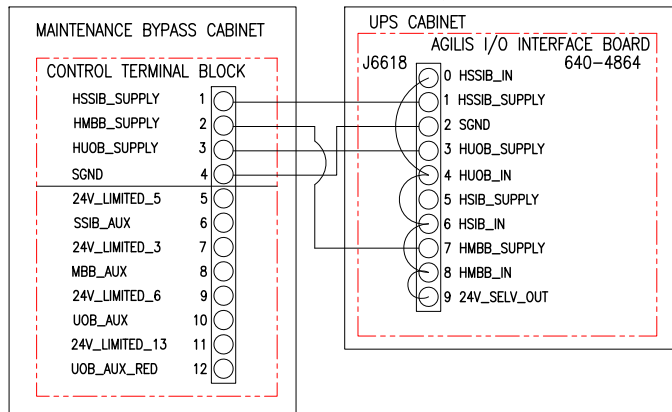
### CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE (SINGLE MAINS SYSTEM)



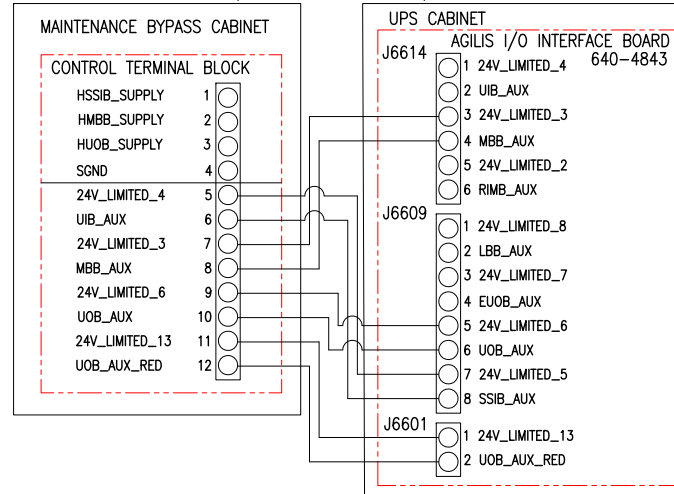
### CONNECTION CLASS 2/SELV SIGNAL CABLE (SIMPLIFIED 1+1 PARALLEL SYSTEM - SINGLE MAINS)



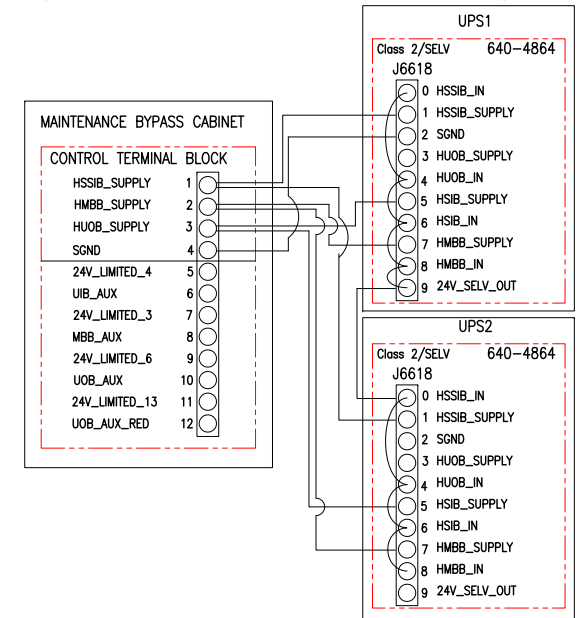
### CONNECTION CLASS 2/SELV SIGNAL CABLE (DUAL MAINS SYSTEMS)



### 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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  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  
10/20KW, 3PH 400V SINGLE UNIT  
CONTROL CONNECTIONS-1

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 5

DWG NO: GVSBU10K20H

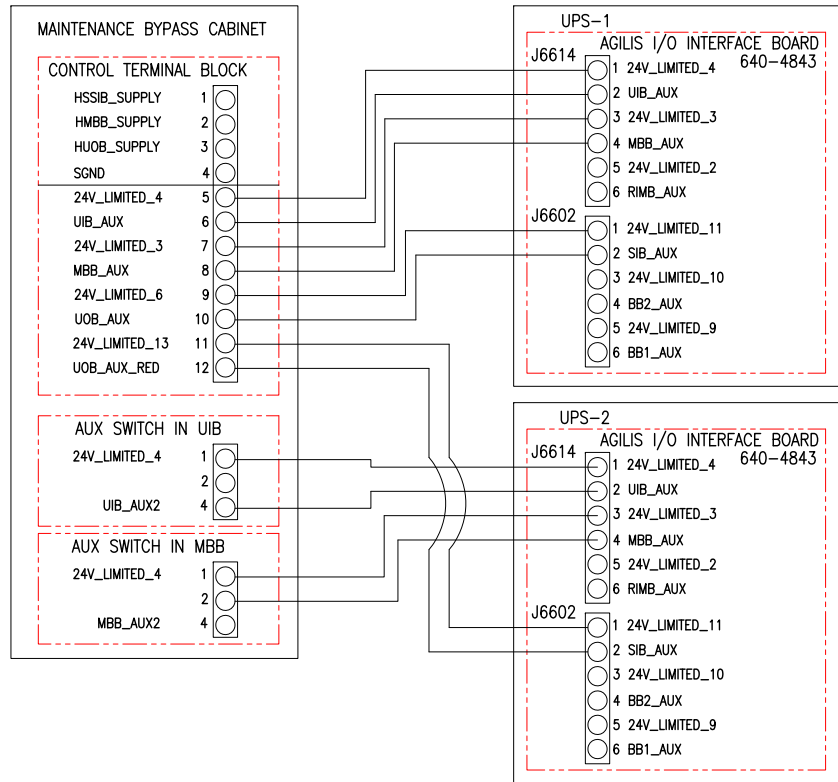
DRAWN: K NAGENDRA 20-SEP-22

ENGINEER: ChenLei BAO 22-SEP-22

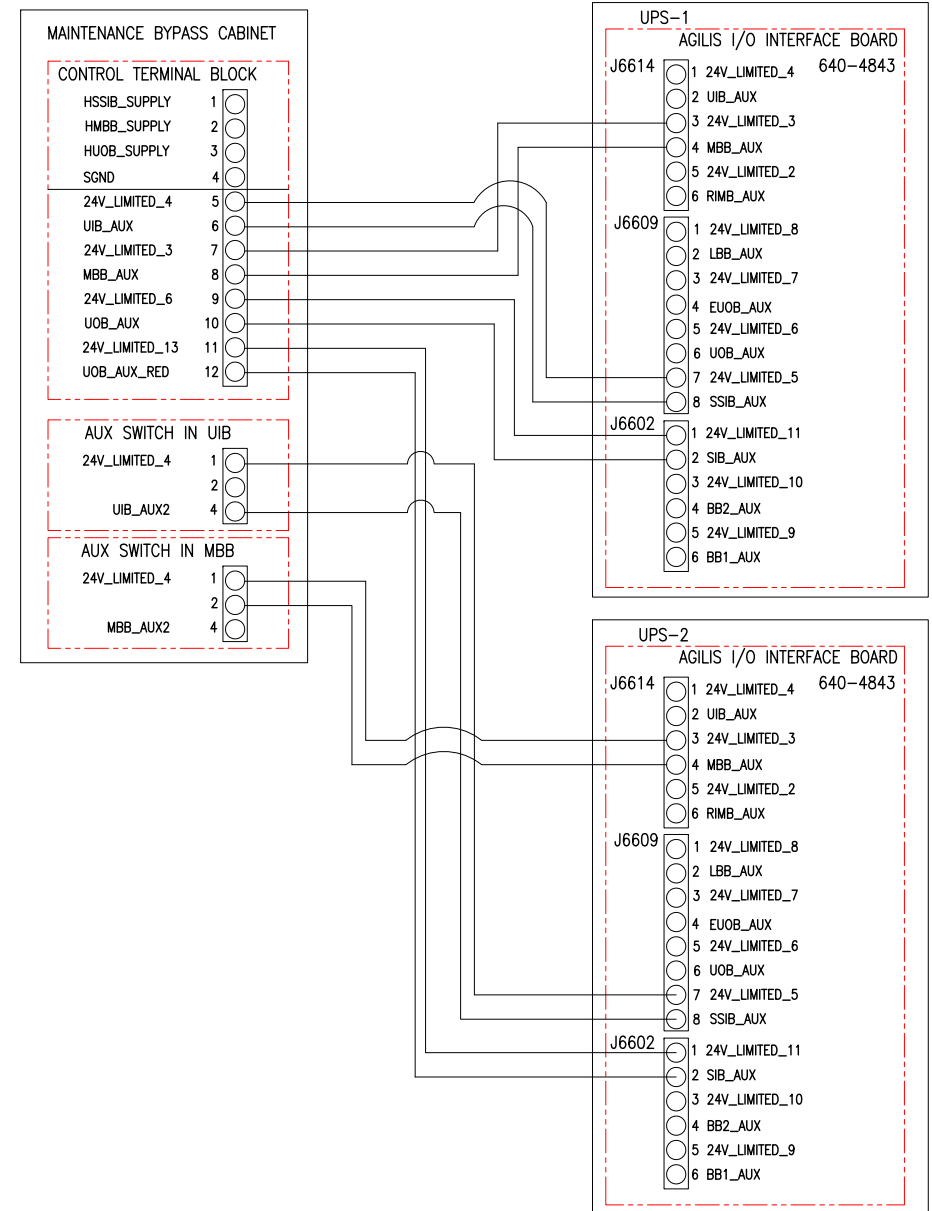
APPROVED: JiaChen LIN 22-SEP-22

REV. 1  
ANGLE OF PROJECTION  
N

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



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



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  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  
10/20kW, 3PH 400V SINGLE UNIT  
CONTROL CONNECTIONS-2

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 5

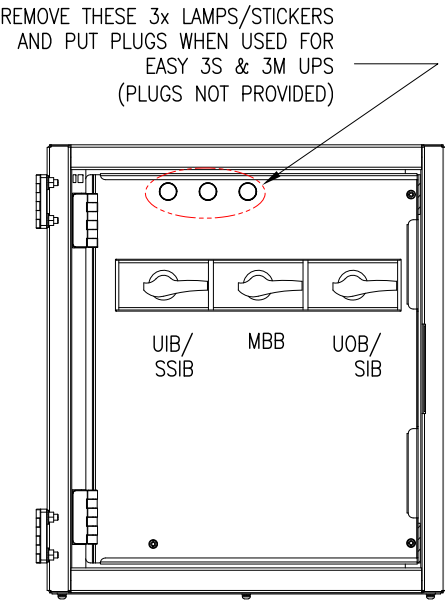
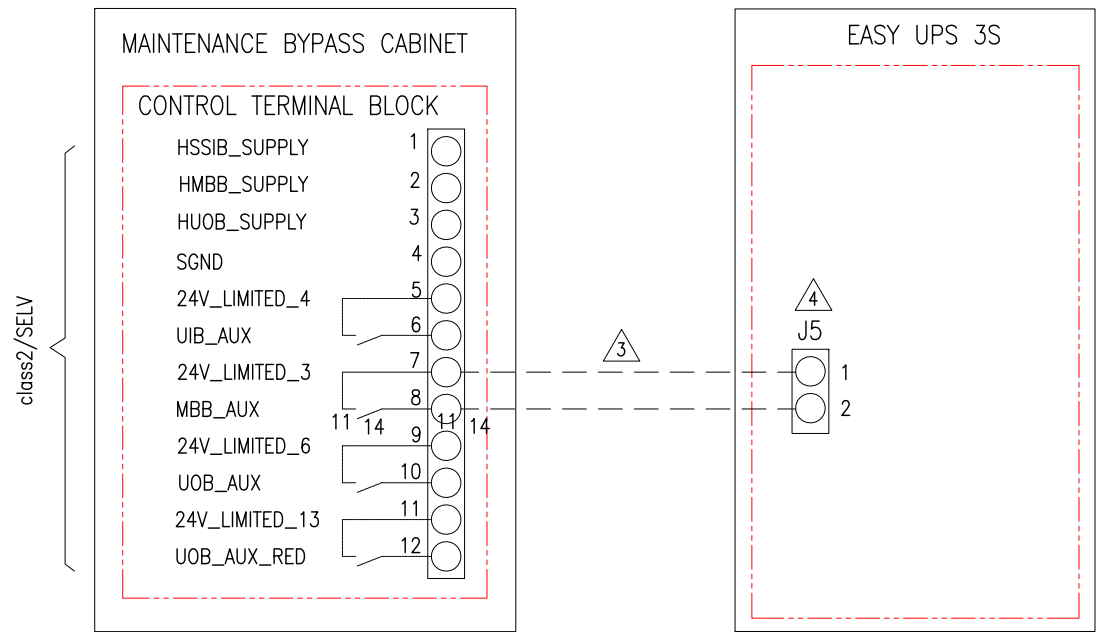
DWG NO: GVSBPUSU10K20H

DRAWN: K NAGENDRA	20-SEP-22
ENGINEER: ChenLei BAO	22-SEP-22
APPROVED: JiaChen LIN	22-SEP-22

REV. 1  
ANGLE OF PROJECTION  
N/A

INTERFACE DETAILS FOR GVS BYPASS PANELS UNITARY WITH EASY 3S UPS

INTERFACE DETAILS–SIGNAL CABLES CONNECTION FOR MBC & E3S UPS 3:3–10kVA/15kVA



INTERNAL FRONT VIEW  
(FRONT DOOR REMOVED)

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

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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 CONTROL CONNECTIONS FOR EASY 3S UPS		DWG NO: GVSbpsu10k20H	REV. 0
PROJECT: SUBMITTAL DRAWINGS	SHEET 5 OF 5	DRAWN: JAYAPRAKASH	20-SEP-22
		ENGINEER: Leon DU	22-SEP-22
		APPROVED: HARISH R	22-SEP-22
			ANGLE OF PROJECTION N/A