

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]. ALL DIMENSIONS ARE TO OUTSIDE EDGE OF THE CABINET, EXCLUDING DOOR LOCK AND ALL HARDWARE.
- △ 4. FRONT ACCESS REQUIRED FOR SERVICE. MINIMUM REQUIRED FRONT CLEARANCE IS 31.5 [800]. REAR CLEARANCE 4.0 [100] REQUIRED FOR VENTILATION. NO SIDE CLEARANCE REQUIRED.
5. RECOMMENDED CLEARANCE IS SUBJECT TO NATIONAL AND LOCAL CODES.
6. INPUT POWER CABLE ENTRY IS THROUGH TOP ENTRY CABINET ONLY.
7. FOR WEIGHT AND CENTER OF GRAVITY OF THE UNIT REFER TO THE TABLE-1.
8. OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C].
9. DOOR SWING-ROTATES FREELY 180°.
10. COLOR: GRAY RAL7035.
11. A TORX (T-30) TYPE SCREW DRIVER IS REQUIRED TO REMOVE PANELS.
12. POWER CABLES SHALL BE IN SEPARATE CONDUITS FROM CONTROL AND COMMUNICATION CABLES.
13. ALL CABLE CONNECTIONS ARE BASED ON CUSTOMER SUPPLIED COPPER WIRE RATED 167°F(75°C).
14. FOR NEMA 12 CONFIGURATIONS, REAR FILTERS REQUIRED.
TO INSTALL FILTER KIT, GUPXC50F, OPEN EACH REAR VENTILATION GRILL TO ADD THE FILTER (ALL FILTERS FOR REAR OF THE UPS ARE INCLUDED IN THE KIT).
15. PROPER GASKETING FOR NEMA 12 APPLICATION REQUIRED, NOT PROVIDED BY SCHNEIDER ELECTRIC.
- △ 16. UPS AND TOP ENTRY CABINET SHIPPED SEPARATELY.

TABLE-1

WEIGHT AND CENTER OF GRAVITY DETAILS						
UPS Rating (kVA/kW)	SKU NUMBER	Weight lb[kg]	X-Distance inch[mm]	Y-Distance inch[mm]	Z-Distance inch[mm]	
25	GUPXC25F+GUPXCAT	925 [420]	16 [406]	40 [1016]	15 [381]	
37.5	GUPXC37F+GUPXCAT	1100 [500]	16 [406]	45 [1143]	15 [381]	
50	GUPXC50F+GUPXCAT	1200 [545]	16 [406]	45 [1143]	15 [381]	

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TITLE: GUTOR PXC
UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
Output: 208/220V, 3PH, 60Hz
GENERAL ARRANGEMENT

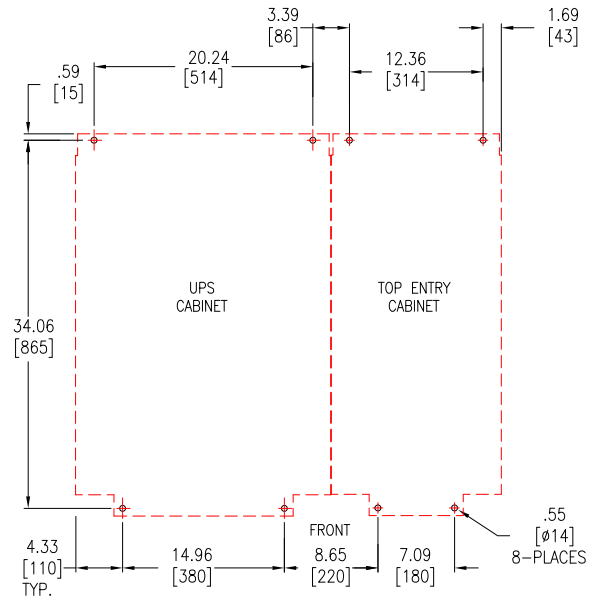
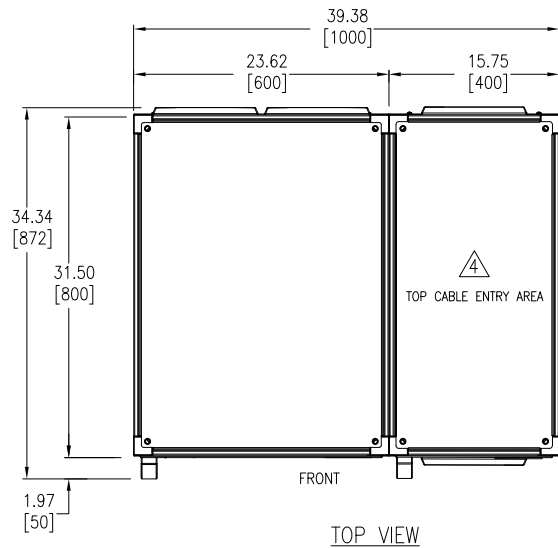
PROJECT: DRAWINGS **SHEET** 1 OF 7

DWG NO: GUPXC25K50F+GUPXCAT **REV.** 2

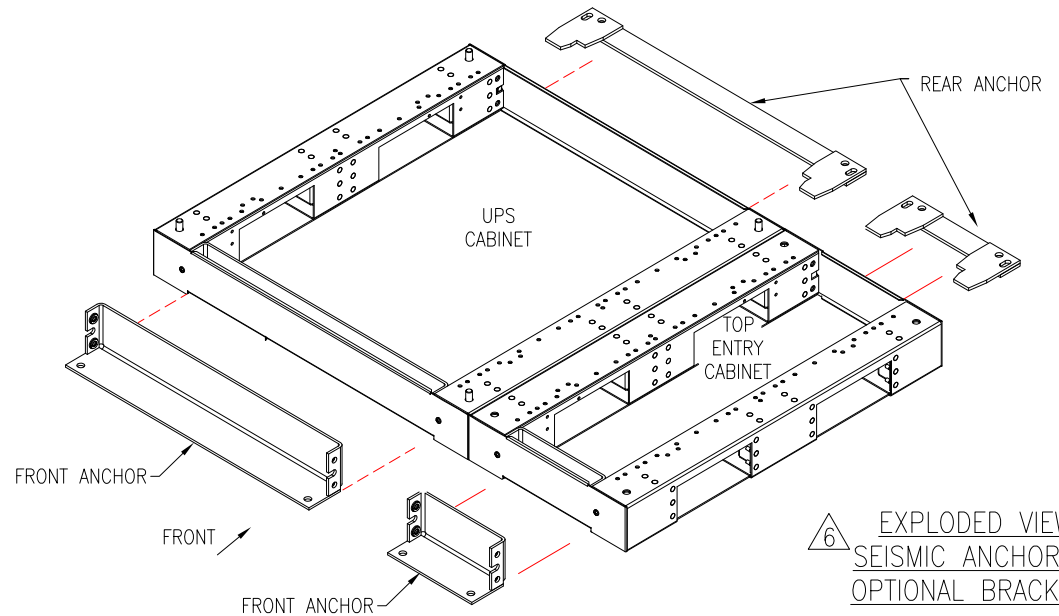
DRAWN BY: K.NAGENDRA 16-JAN-18 **THIRD**

ENGINEER: I KENNEDY 16-JAN-18 **ANGLE**

APPROVED BY: W WATKINS 16-JAN-18 **PROJECTION**



△ 6 SEISMIC ANCHORING DETAILS
BASE TOP VIEW



△ 6 EXPLODED VIEW
SEISMIC ANCHORING
OPTIONAL BRACKETS

NOTES:

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3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- △ 4. DRILL/PUNCH HOLES IN PLATE AS PER THE REQUIREMENT. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
5. FLOOR ANCHORING BOLTS NOT PROVIDED.
- △ 6. SEISMIC ANCHORING WITH OPTIONAL BRACKET KITS GUPXCK50F AND GUPXCKTS.

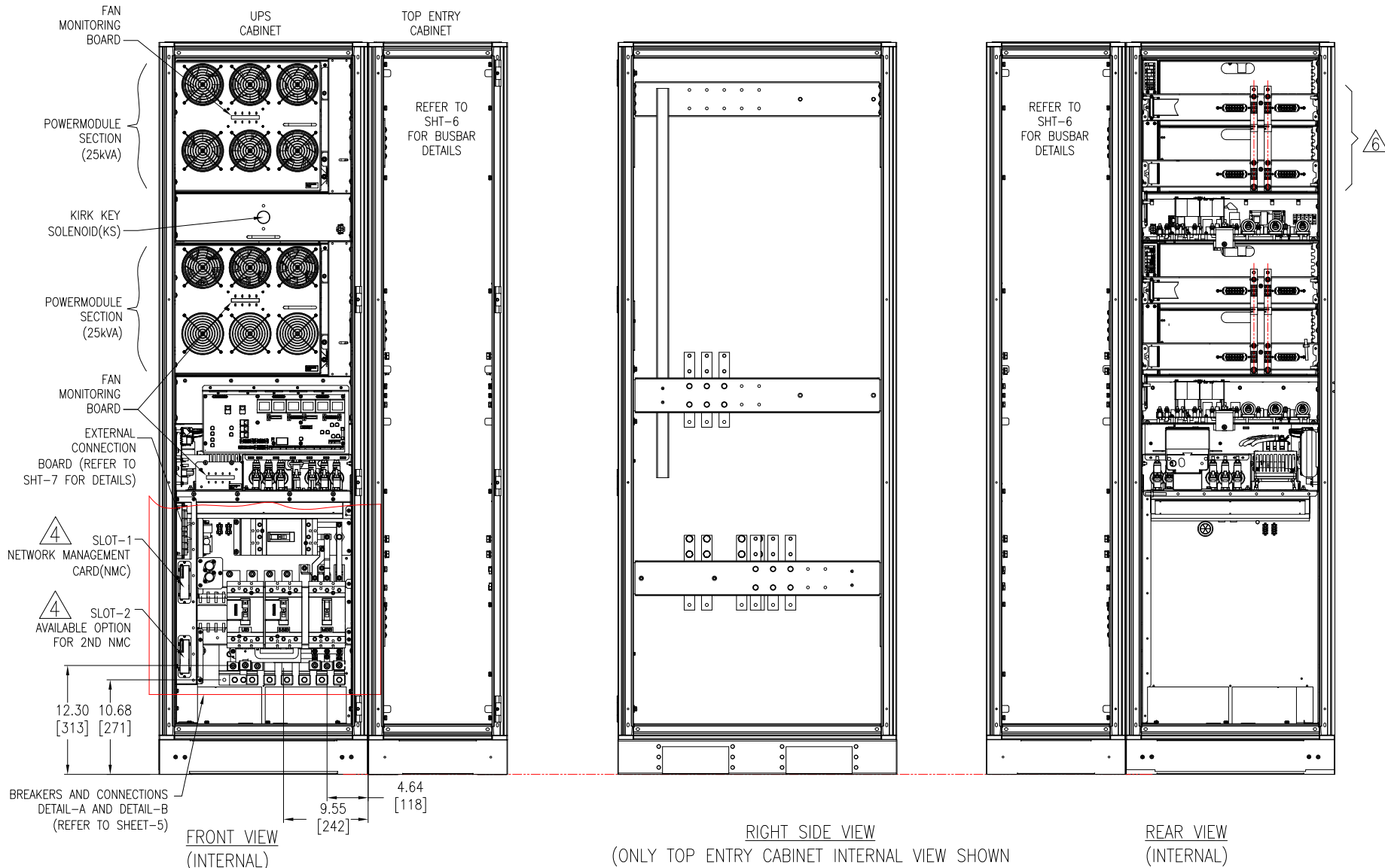
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TITLE: GUTOR PXC
UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
Output: 208/220V, 3PH, 60Hz
TOP & BOTTOM VIEW, ANCHORING
PROJECT: DRAWINGS SHEET 2 OF 7

DWG NO:	GUPXC25K50F+GUPXCAT	REV:	3
DRAWN BY:	K.NAGENDRA	19-JUN-18	THIRD
ENGINEER:	I KENNEDY	19-JUN-18	ANGLE
APPROVED BY:	W WATKINS	19-JUN-18	PROJECTION

TYPICAL 50kW WITH TOP ENTRY CABINET CONFIGURATION



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2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
4. SMART SLOT-1 IS POPULATED WITH A NETWORK MANAGEMENT CARD (NMC) 0M-9635CHGUTOR FROM THE FACTORY. THE SECOND SMART SLOT CAN BE POPULATED WITH ANOTHER NMC AP9635. CONFIGURE BY DOWNLOADING THE LATEST GUTOR PXC FIRMWARE ON THE SCHNEIDER ELECTRIC WEBSITE. FOR DETAILS, REFER TO THE INSTALLATION MANUAL.
5. STANDARD CONFIGURATION (FROM FACTORY) IS DUAL MAINS. KIT (0M-99058) IS PROVIDED TO CHANGE THE CONFIGURATION TO SINGLE MAINS. FOR DUAL TO SINGLE CONVERSION DETAILS, REFER TO THE INSTALLATION MANUAL.
6. NOT PROVIDED FOR 25kW CONFIGURATION.

50kW UPS BREAKER RATINGS

UIB	225A,240V	3 POLE MCCB
SSIB/MBB/UOB	175A,240V	3 POLE MCCB

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TITLE: GUTOR PXC
 UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
 Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
 Output: 208/220V, 3PH, 60Hz
 INTERNAL DETAILS-1
 PROJECT: DRAWINGS SHEET 3 OF 7

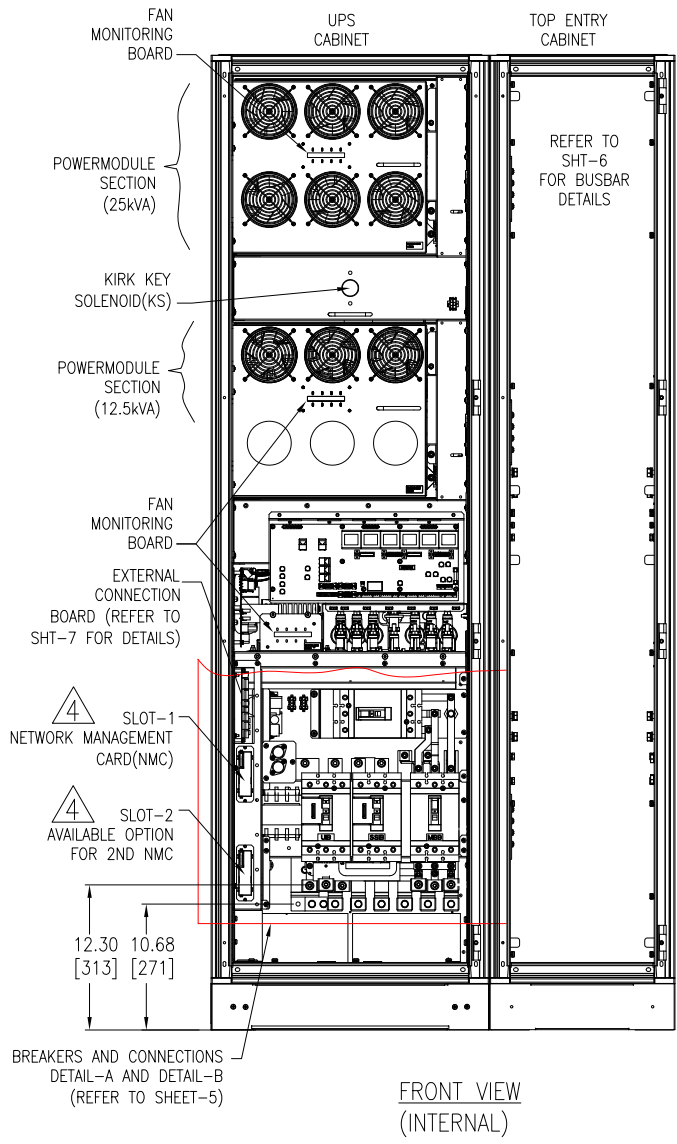
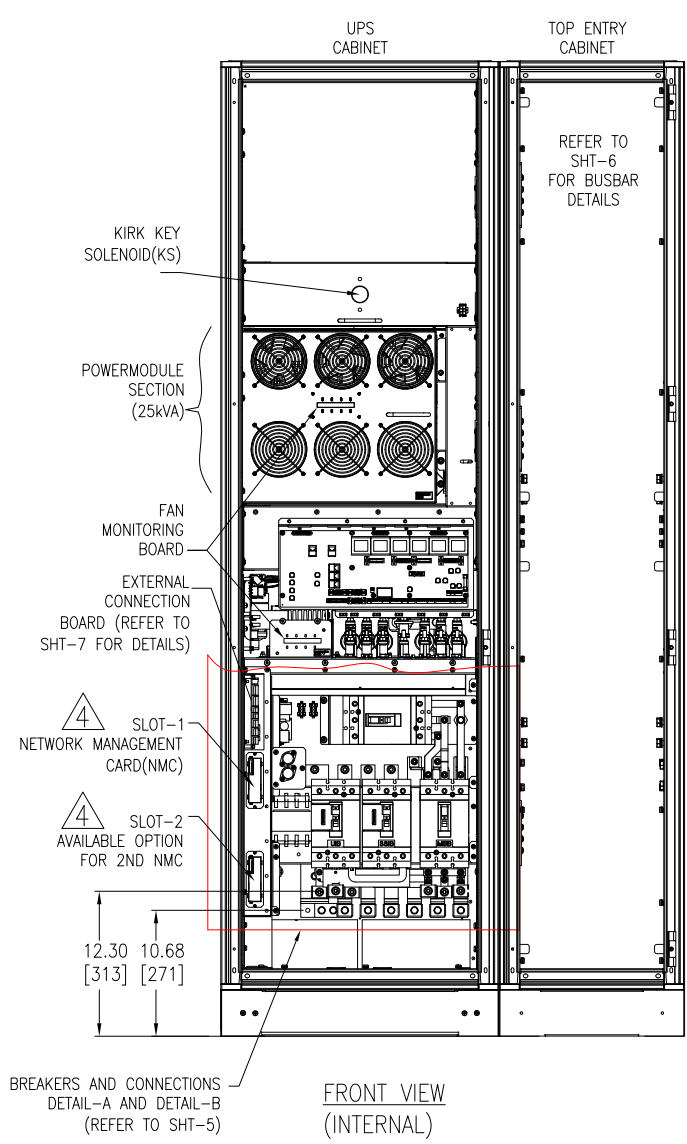
DWG NO: GUPXC25K50F+GUPXCAT
 DRAWN BY: K.NAGENDRA 16-JAN-18
 ENGINEER: I KENNEDY 16-JAN-18
 APPROVED BY: W WATKINS 16-JAN-18

REV. 2
 THIRD ANGLE PROJECTION

TYPICAL 25kW WITH TOP ENTRY CABINET CONFIGURATION

TYPICAL 37.5kW WITH TOP ENTRY CABINET CONFIGURATION

{ONLY FRONT VIEW SHOWN FOR CONVENIENCE. OTHER DETAILS REFER TO 50kW CONFIGURATION With Top entry Cabinet}



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 INCHES [MILLIMETERS].
4. SMART SLOT-1 IS POPULATED WITH A NETWORK MANAGEMENT CARD (NMC) 0M-9635CHGUTOR FROM THE FACTORY. THE SECOND SMART SLOT CAN BE POPULATED WITH ANOTHER NMC AP9635. CONFIGURE BY DOWNLOADING THE LATEST GUTOR PXC FIRMWARE ON THE SCHNEIDER ELECTRIC WEBSITE. FOR DETAILS, REFER TO THE INSTALLATION MANUAL.
5. STANDARD CONFIGURATION (FROM FACTORY) IS DUAL MAINS. KIT (0M-99058) IS PROVIDED TO CHANGE THE CONFIGURATION TO SINGLE MAINS. FOR DUAL TO SINGLE CONVERSION DETAILS, REFER TO THE INSTALLATION MANUAL.

25kW

UPS BREAKER RATINGS

DEVICE	RATING	TYPE
UIB	125A,240V	3 POLE MCCB
SSIB/MBB/UOB	90A,240V	3 POLE MCCB

37.5kW

UPS BREAKER RATINGS

DEVICE	RATING	TYPE
UIB	175A,240V	3 POLE MCCB
SSIB/MBB/UOB	150A,240V	3 POLE MCCB

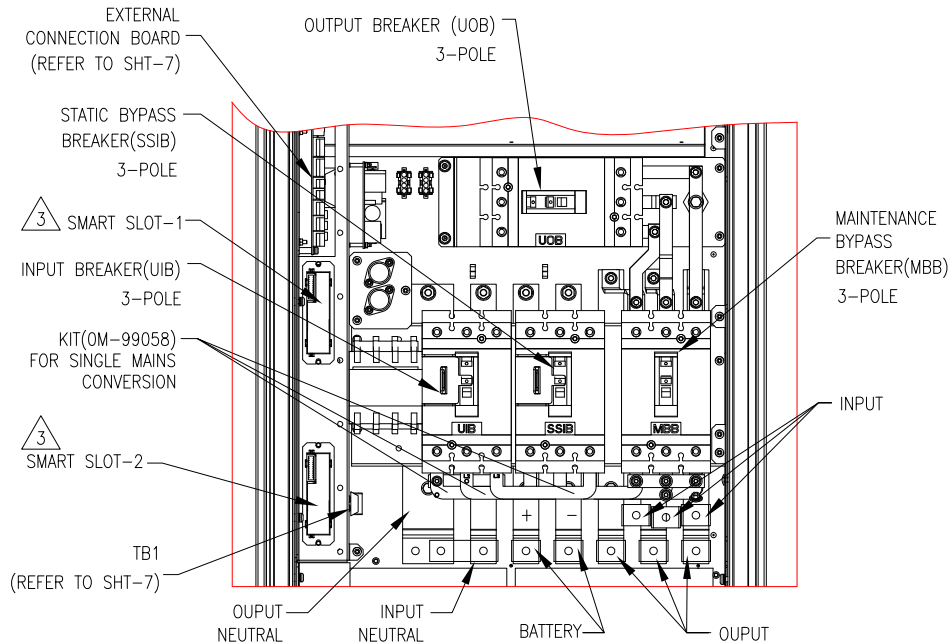
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TITLE: GUTOR PXC UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
 Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
 Output: 208/220V, 3PH, 60Hz
 INTERNAL DETAILS-2
 PROJECT: DRAWINGS SHEET 4 OF 7

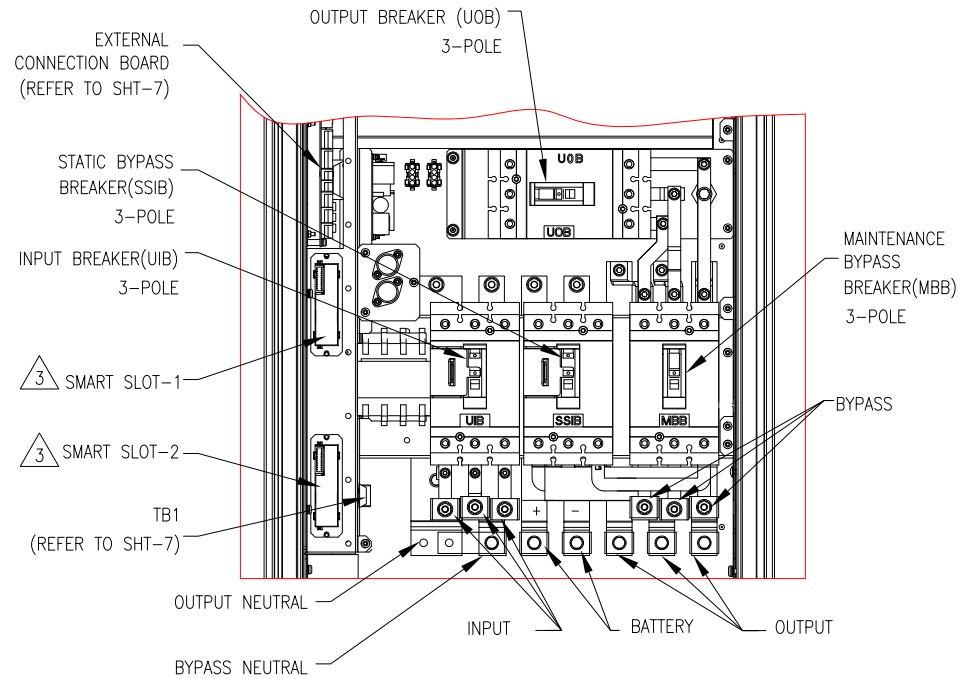
DWG NO: GUPXC25K50F+GUPXCAT REV. 2
 DRAWN BY: K.NAGENDRA 16-JAN-18 THIRD
 ENGINEER: I KENNEDY 16-JAN-18 ANGLE
 APPROVED BY: W WATKINS 16-JAN-18 PROJECTION

SINGLE MAINS CONNECTION DETAILS 4 5

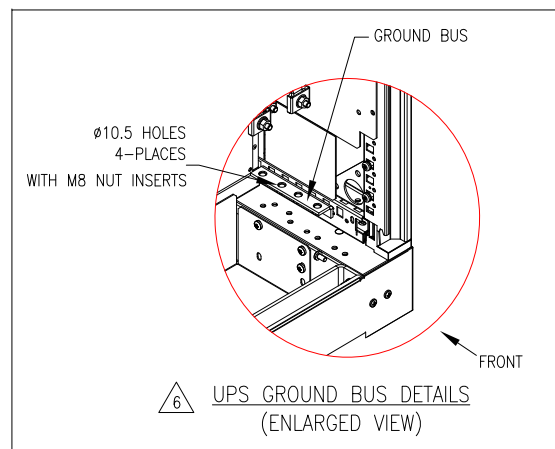


DETAIL-A
(ENLARGED VIEW)

DUAL MAINS CONNECTION DETAILS 4 5



DETAIL-B
(ENLARGED VIEW)



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- 3 SMART SLOT-1 IS POPULATED WITH A NETWORK MANAGEMENT CARD (NMC) OM-9635CHGUTOR FROM THE FACTORY. THE SECOND SMART SLOT CAN BE POPULATED WITH ANOTHER NMC AP9635. CONFIGURE BY DOWNLOADING THE LATEST GUTOR PXC FIRMWARE ON THE SCHNEIDER ELECTRIC WEBSITE. FOR DETAILS, REFER TO THE INSTALLATION MANUAL.
- 4 STANDARD CONFIGURATION (FROM FACTORY) IS DUAL MAINS. KIT (OM-99058) IS PROVIDED TO CHANGE THE CONFIGURATION TO SINGLE MAINS. FOR DUAL TO SINGLE CONVERSION DETAILS, REFER TO THE INSTALLATION MANUAL.
- 5 ALL THE CABLES FROM TOP ENTRY CABINET BUSBARS ARE TO BE CONNECTED TO CORRESPONDING BUSBARS INSIDE THE UPS CABINET, EXCEPT FOR SINGLE MAINS WHERE BYPASS CABLES ARE TO BE REMOVED.
- 6 TOP ENTRY GROUND BUSBAR CABLES ARE TO BE CONNECTED TO CORRESPONDING GROUND BUSBARS INSIDE THE UPS CABINET.

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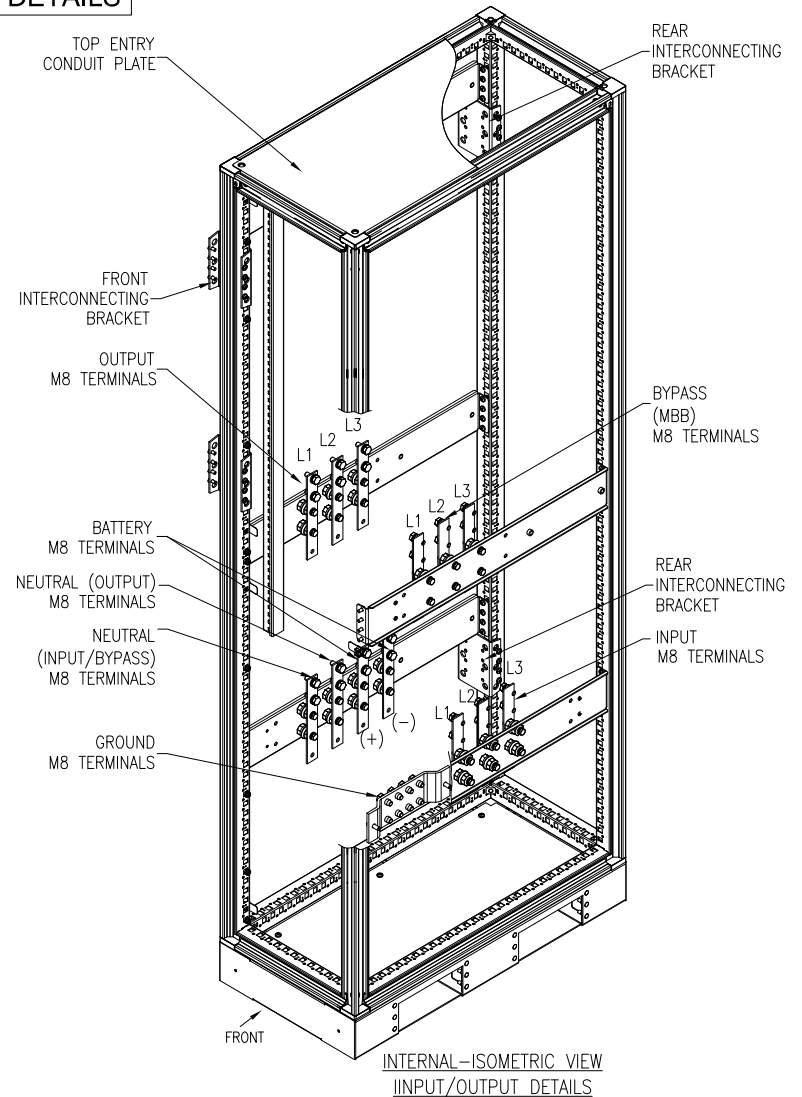
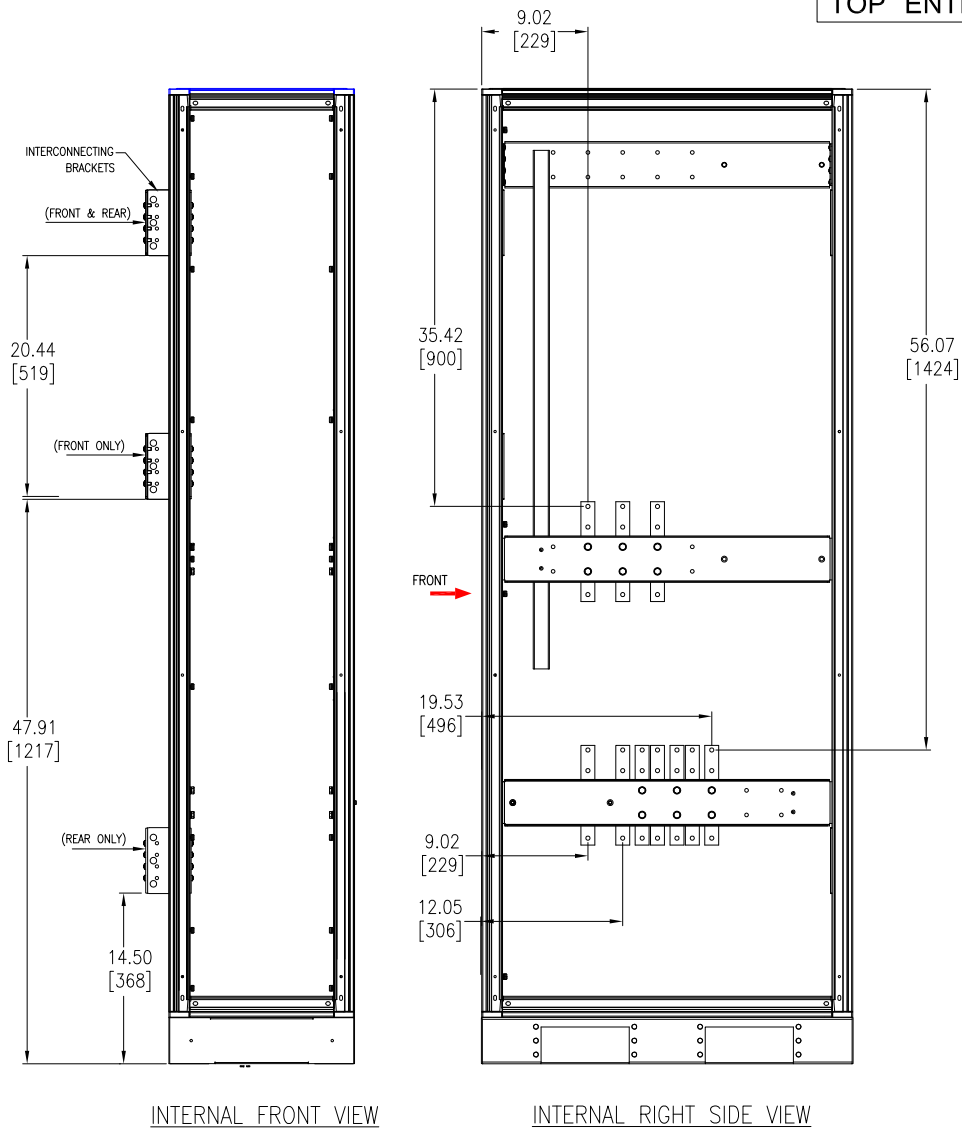


TITLE: GUTOR PXC
UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
Output: 208/220V, 3PH, 60Hz
INTERNAL DETAILS-3

PROJECT: DRAWINGS **SHEET 5 OF 7**

DWG NO: GUPXC25K50F+GUPXCAT	REV. 2
DRAWN BY: K.NAGENDRA	16-JAN-18
ENGINEER: I KENNEDY	16-JAN-18
APPROVED BY: W WATKINS	16-JAN-18
THIRD ANGLE PROJECTION	

TOP ENTRY CABINET DETAILS



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4. FOR THE TOP ENTRY CABINET CABLE CONNECTIONS, REFER TO CONNECTION DETAILS TO THE UPS ON SHEET-5.

INSTALLATION PROCEDURE

1. REMOVE UPS RIGHT SIDE PANEL, THEN LINE-UP CABINETS WITH TOP ENTRY CABINET ON THE RIGHT.
2. REMOVE REAR PANEL FROM EACH OF THE CABINETS.
3. REMOVE DEAD FRONT PANELS FROM TOP ENTRY CABINET.
4. INSTALL CABINET INTERCONNECT BRACKETS, TWO IN FRONT AND TWO IN REAR WHERE SHOWN, USE C-CLAMPS TO HOLD CABINETS TOGETHER. THIS WILL ENABLE THE BRACKETS TO BE INSTALLED MORE EASILY. USE FOUR SCREWS ON EACH SIDE OF THE BRACKETS TO SECURE TO FRAME.
5. RE-INSTALL REAR PANELS. INSTALL SIDE PANEL ON TOP ENTRY CABINET.
6. REMOVE TOP ENTRY CONDUIT PANEL FOR KNOCKOUTS. INSTALL KNOCKOUTS AND RE-INSTALL PANEL.
7. OPTION: CONVERT THE UNIT FROM DUAL TO SINGLE INPUT. REFER TO DETAIL-A FOR SINGLE INPUT TO CONNECT THE CABLES TO THE UPS CABINET.
8. REFER TO DETAIL-B FOR DUAL INPUT TO CONNECT THE CABLES TO THE UPS CABINET.
9. RE-INSTALL DEAD FRONTS.

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Schneider Electric

TITLE: GUTOR PXC
UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
Output: 208/220V, 3PH, 60Hz
INTERNAL DETAILS-3

PROJECT: DRAWINGS **SHEET** 6 OF 7

DWG NO: GUPXC25K50F+GUPXCAT **REV.** 2

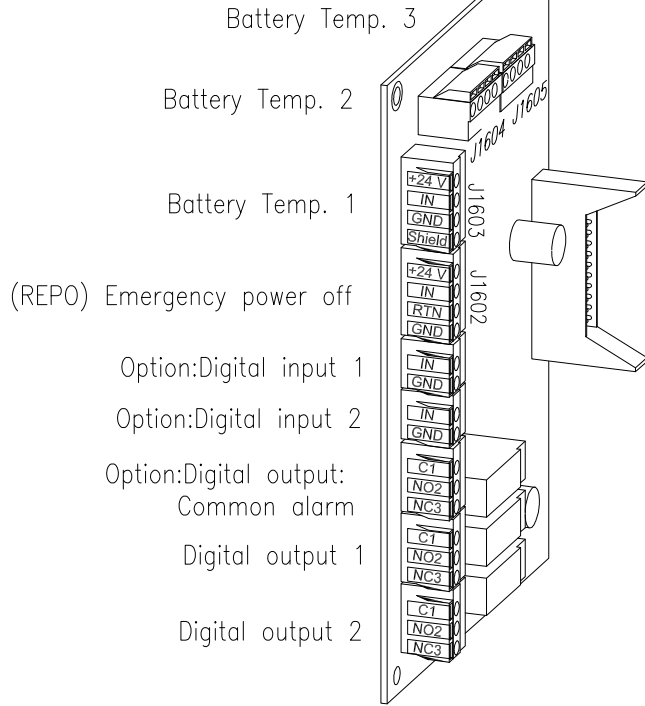
DRAWN BY: K.NAGENDRA 16-JAN-18 **THIRD**

ENGINEER: I KENNEDY 16-JAN-18 **ANGLE**

APPROVED BY: W WATKINS 16-JAN-18 **PROJECTION**

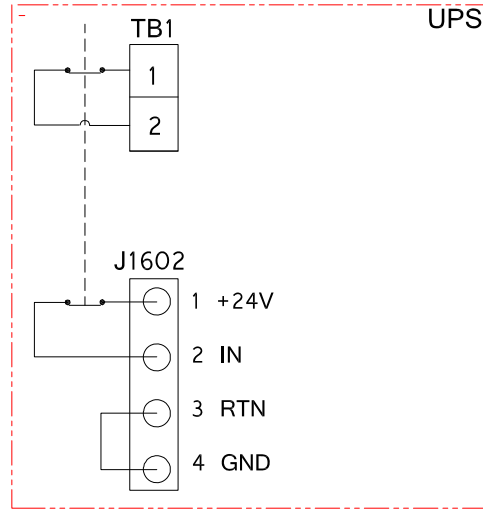
EXTERNAL CONNECTION BOARD

THE DIGITAL INPUTS IN THE EXTERNAL CONNECTED BOARDS ARE DESIGNED FOR CONNECTION TO EQUIPMENT INSIDE THE CABINET AND SIGNAL CABLES FROM THESE BOARDS MUST NOT BE ROUTED OUT OF THE CABINET.

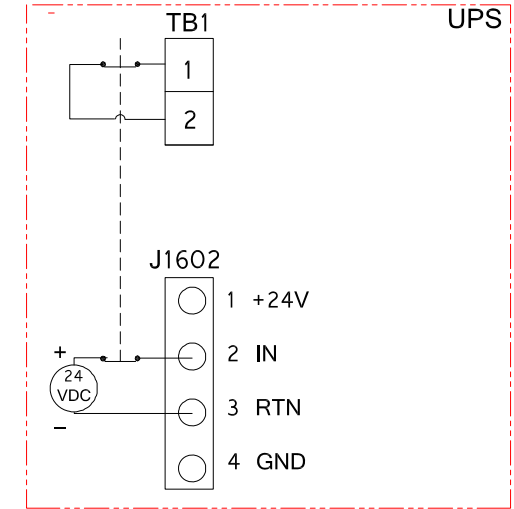


REPO AND SHUNT TRIP DETAILS

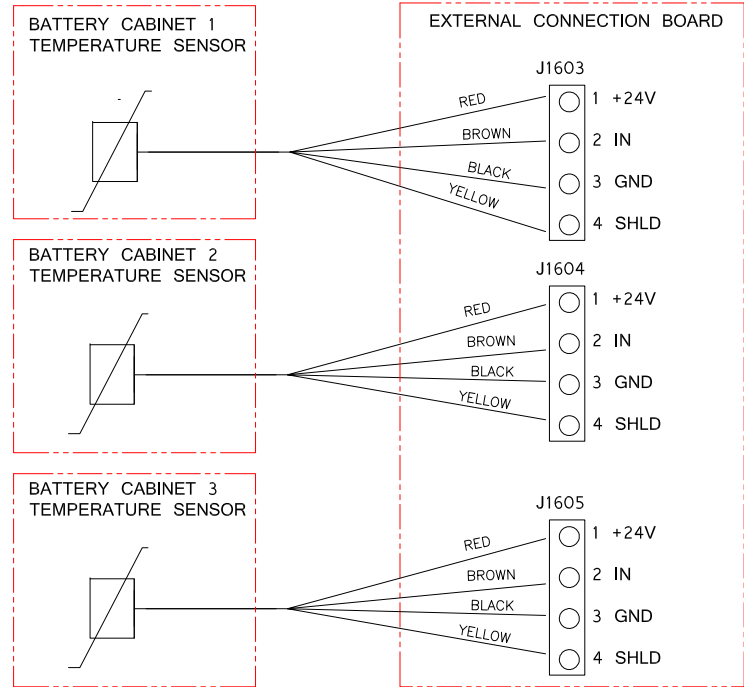
REPO WITH INTERNAL SUPPLY UPS



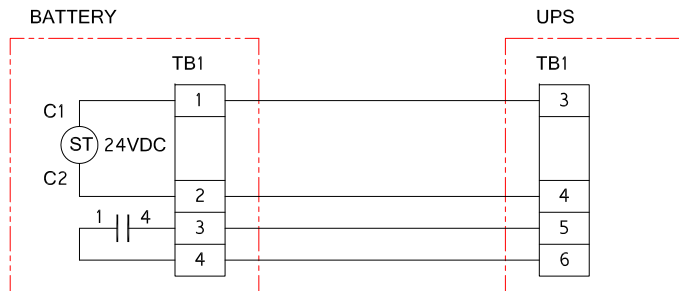
REPO WITH EXTERNAL SUPPLY UPS



CABLE CONNECTIONS FOR TEMPERATURE SENSORS IN BATTERY CABINETS



BATTERY BREAKER WIRING DETAILS



NOTES:

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- △ 3. FOR MORE THAN ONE BATTERY CABINET, REFER TO THE BATTERY CABINET DRAWINGS GUPXCB-1 AND GUPXCB-2.

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Schneider Electric

TITLE: GUTOR PXC
 UPS 25kW, 37.5kW & 50kW With TOP ENTRY CABINET
 Input: 208/220V, 3PH, 60Hz, Single/Dual Mains
 Output: 208/220V, 3PH, 60Hz
 EXTERNAL CONNECTIONS, REPO & SHUNT TRIP DETAILS
 PROJECT: DRAWINGS SHEET 7 OF 7

DWG NO: GUPXC25K50F+GUPXCAT
 REV. 2
 DRAWN BY: K.NAGENDRA 16-JAN-18
 ENGINEER: I KENNEDY 16-JAN-18
 APPROVED BY: W WATKINS 16-JAN-18

THIRD ANGLE PROJECTION