

SPECIFICATIONS:

Circuit breaker	NSX250S DC (LV438990)
Maximum configuration	4 hour runtime
Battery Type	Lead-acid
Maximum short circuit level (kA)	20

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.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider Electric

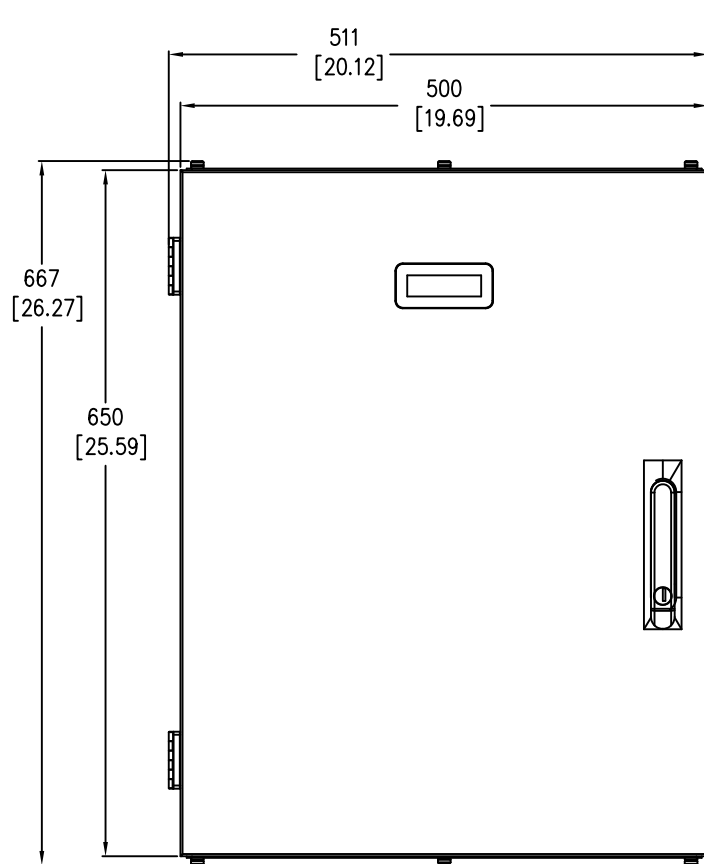
TITLE: EASY UPS 3M
BATTERY BREAKER BOX
ISOMETRIC VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 4

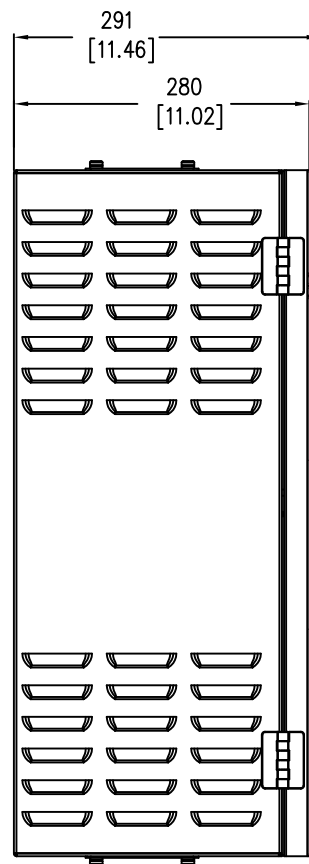
DWG NO: E3MBBB60K80H

DRAWN: C KRISHNA	30-APR-19
ENGINEER: COMPELL BAI	30-APR-19
APPROVED: FRANK ZHANG	30-APR-19

REV. 0
FIRST ANGLE PROJECTION

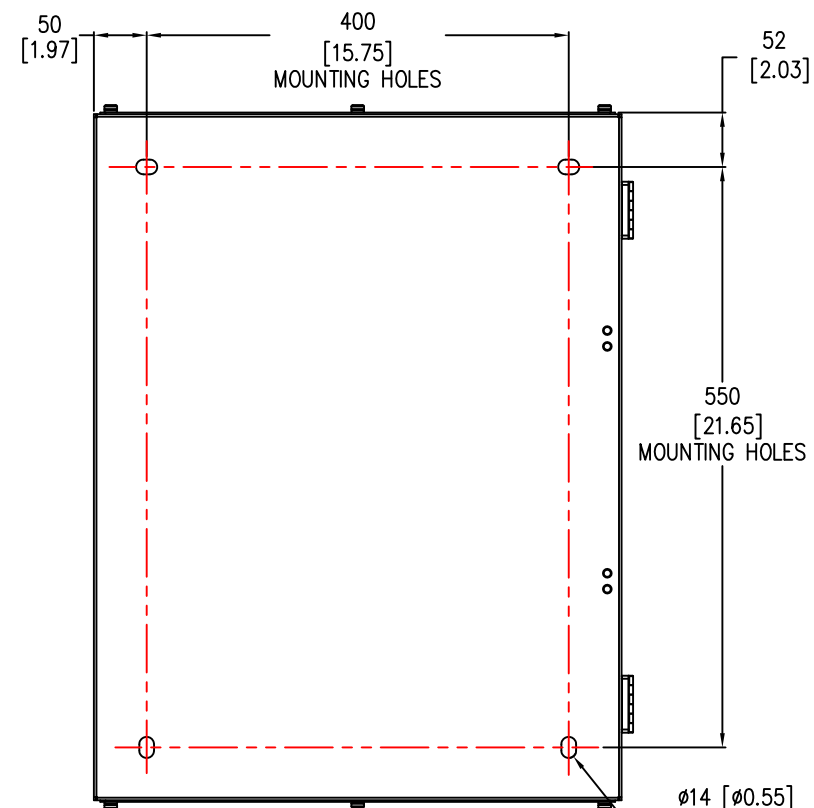


FRONT VIEW



LEFT SIDE VIEW

FRONT
←



REAR VIEW

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. CONNECT UPS CABLE FROM TOP OR BOTTOM, CONNECT BATTERY CABLE ONLY FROM BOTTOM.
6. THE WEIGHT OF THE UNIT IS 25 kg [55 lb].
7. OPERATING TEMPERATURE: 0°C TO 40°C [32°F TO 104°F]
8. COLOR: RAL 9003 WHITE.
9. PROTECTION CLASS: IP20.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider
Electric

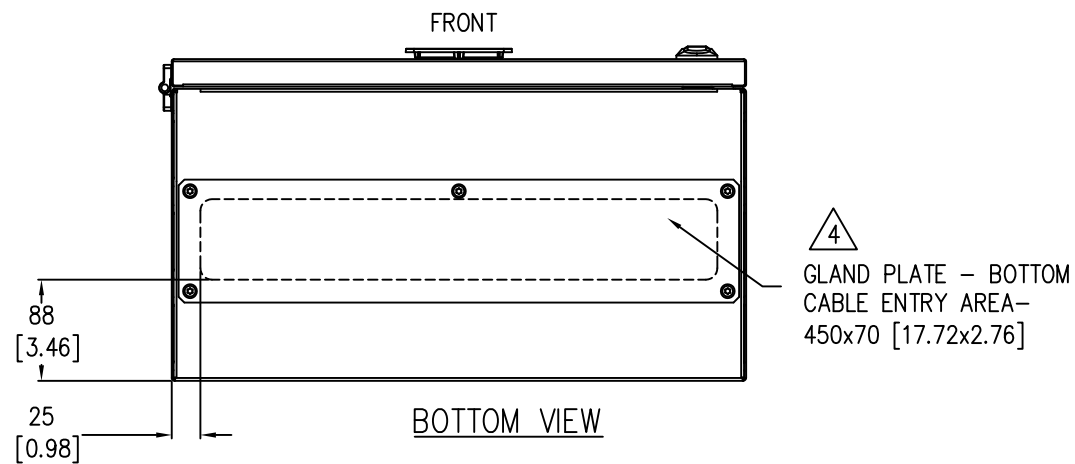
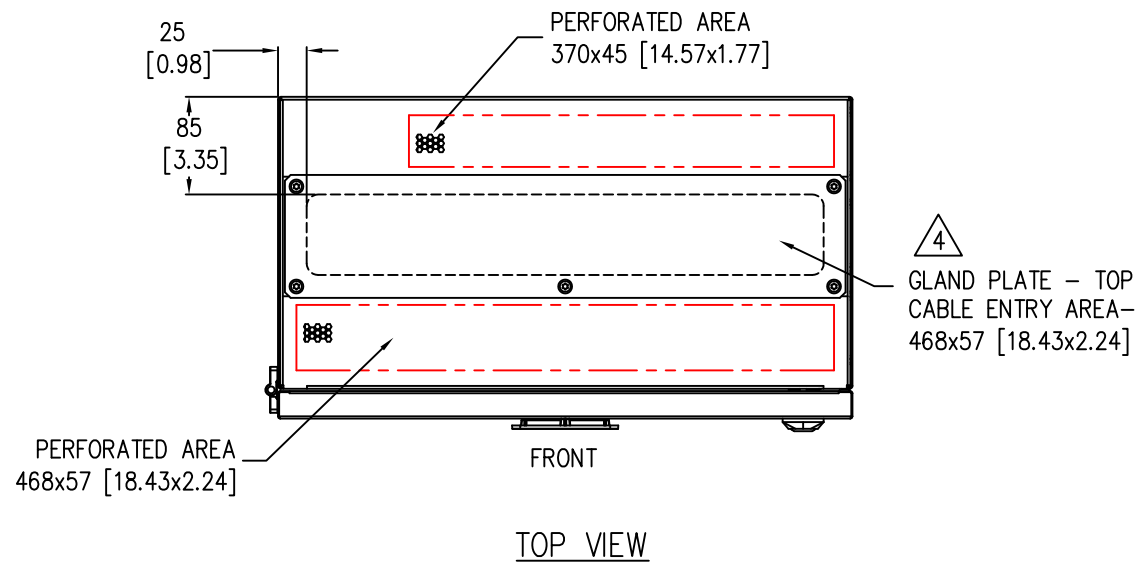
TITLE: EASY UPS 3M
BATTERY BREAKER BOX
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 4

DWG NO: E3MBBB60K80H

DRAWN: C KRISHNA 30-APR-19
ENGINEER: CAMPBELL BAI 30-APR-19
APPROVED: FRANK ZHANG 30-APR-19

REV. 0
FIRST
ANGLE
PROJECTION



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. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
USE APPROPRIATE CABLE PROTECTION AROUND HOLE BEFORE CABLING IS INSTALLED.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider
Electric

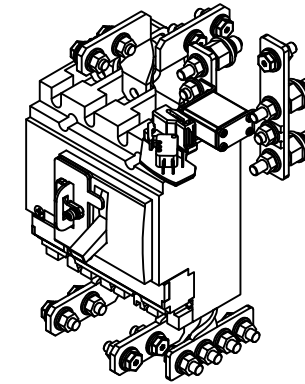
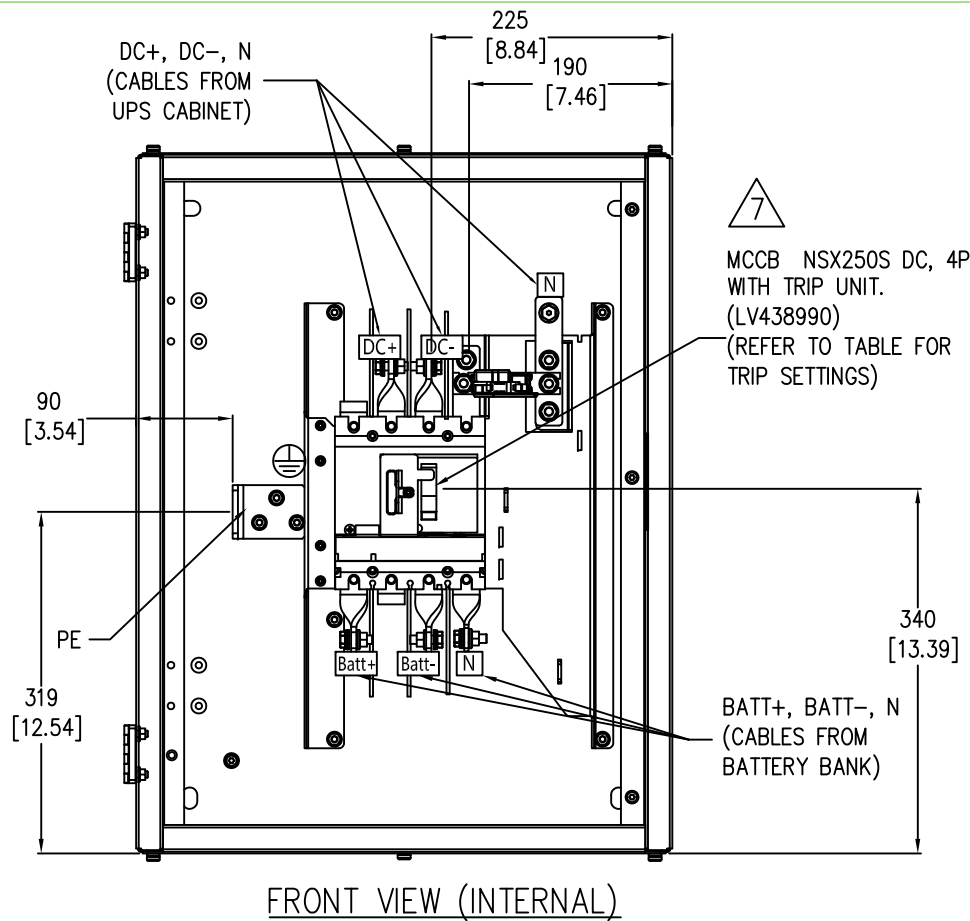
TITLE: EASY UPS 3M
BATTERY BREAKER BOX
TOP AND BOTTOM VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

DWG NO: E3MBBB60K80H

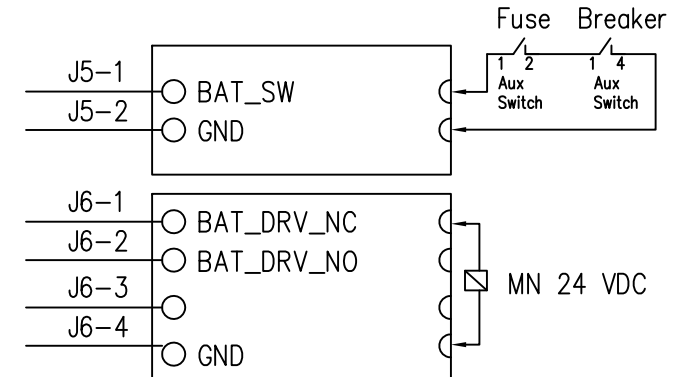
DRAWN: C KRISHNA	30-APR-19	FIRST
ENGINEER: COMPELL BAI	30-APR-19	ANGLE
APPROVED: FRANK ZHANG	30-APR-19	PROJECTION

REV. 0



ISOMETRIC VIEW
(CIRCUIT BREAKER)

SIGNAL CABLE CONNECTION



UPS Rating (kVA)	Trip Setting (A)	
	I _r	I _m
60	200	1250
80	250	

Recommended Cable Size for Cables Between UPS and Battery Breaker		60kVA	80kVA
Copper Cable	DC+, N, DC- (mm ²)	50mm ²	70mm ²
	PE (mm ²)	25mm ²	35mm ²

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. CABLE SIZES ARE BASED ON TABLE B.52.5 OF IEC 60364-5-52 WITH THE FOLLOWING ASSERTIONS:
 - a) 90°C CONDUCTORS.
 - b) AN AMBIENT TEMPERATURE OF 30°C [86°F].
 - c) USE OF COPPER CONDUCTORS.
 - d) INSTALLATION METHOD 'C'.
 IF THE AMBIENT TEMPERATURE IS GREATER THAN 30°C [86°F], LARGER CONDUCTORS ARE TO BE SELECTED IN ACCORDANCE WITH THE CORRECTION FACTORS OF THE IEC.
5. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider
Electric

TITLE: EASY UPS 3M
BATTERY BREAKER BOX
INTERNAL VIEW & INTERFACE DETAILS

DWG NO: E3MBBB60K80H

REV. 0

DRAWN: C KRISHNA 30-APR-19
ENGINEER: COMPELL BAI 30-APR-19
APPROVED: FRANK ZHANG 30-APR-19

FIRST
ANGLE
PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4