

SPECIFICATIONS:

Circuit breaker	LV438118, LV438135 or LV438880 (NSX160S DC, 3P)
Maximum configuration	4 hour runtime
Battery Type	Lead-acid
Maximum short circuit level (kA)	10

UPS Rating (kW)	Trip Setting (A)	
	I _r	I _m
10	112	1250 (fixed)
15	112	
20	112	
30	112	
40	144	



Recommended Cable Sizes

UPS Rating		10kW	15kW	20kW	30kW	40kW
Copper/Aluminium	Battery +/- (mm ²)	8mm ²	8mm ²	25mm ²	25mm ²	35mm ²
	Battery PE (mm ²)	6mm ²	6mm ²	10mm ²	16mm ²	16mm ²

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.
- CABLE SIZES ARE BASED ON TABLE B.52.5 OF IEC 60364-5-52 WITH THE FOLLOWING ASSERTIONS:
 - 90°C CONDUCTORS.
 - AN AMBIENT TEMPERATURE OF 30°C [86°F].
 - USE OF COPPER OR ALUMINIUM CONDUCTORS.
 - 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.
- SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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TITLE: EASY UPS 3S BATTERY BREAKER KIT ISOMETRIC VIEW

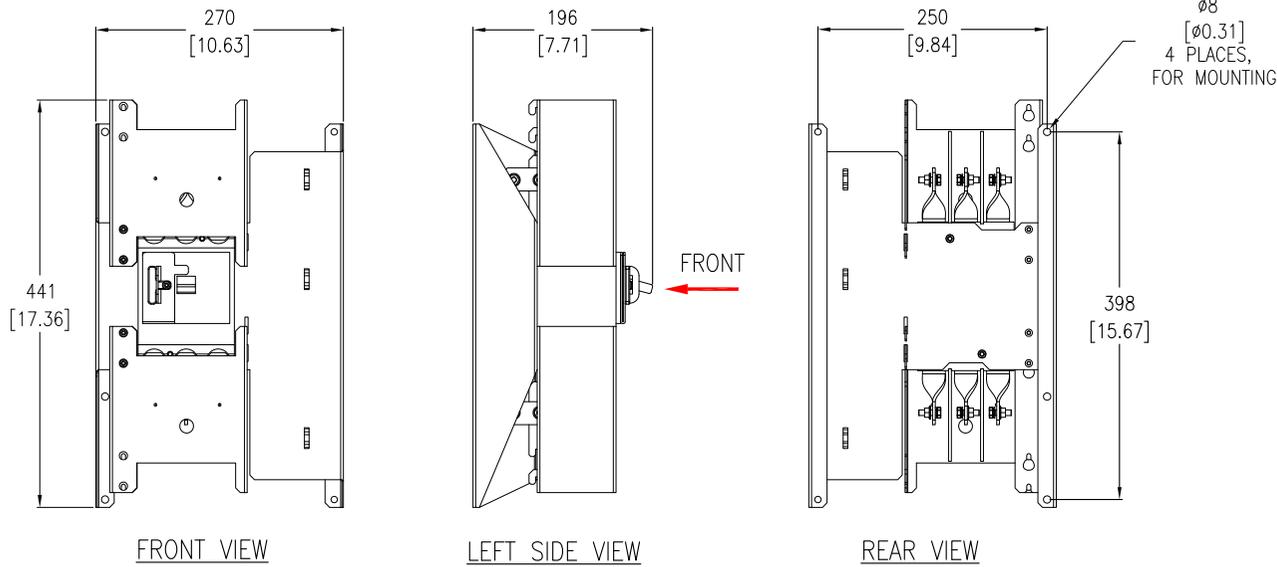
DWG NO: E3SOPT008 REV: 0

DRAWN: JAYAPRAKASH 12-JUN-18 FIRST ANGLE PROJECTION

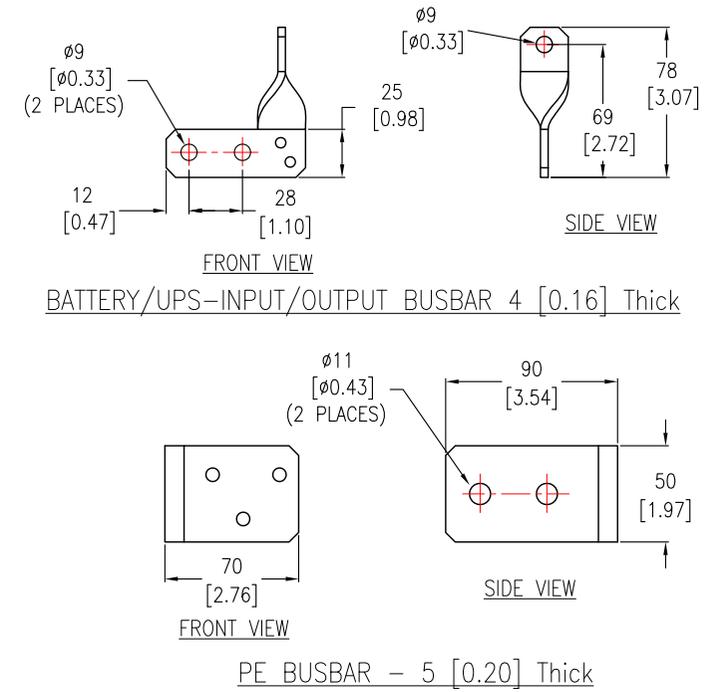
ENGINEER: COMPBELL BAI 09-AUG-18 APPROVED: FRANK ZHANG 09-AUG-18

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 2

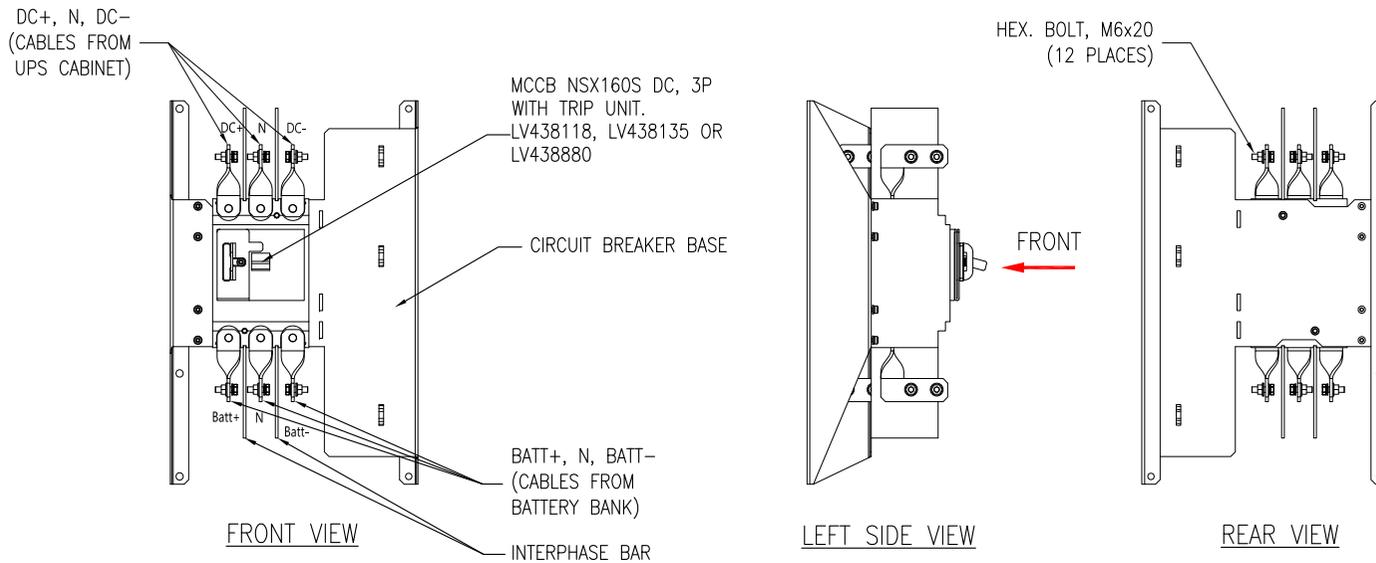
EXTERNAL VIEWS



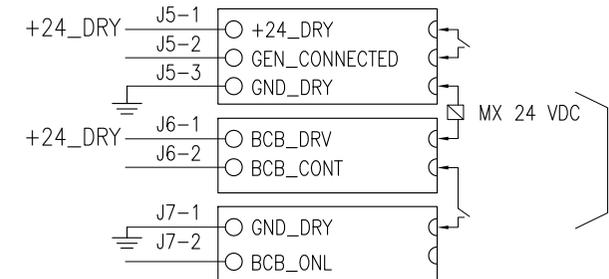
BUSBAR DETAILS



INTERNAL VIEWS



SIGNAL CABLE CONNECTION



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. THE WEIGHT OF THE UNIT IS 8 kg [17.64 lb].

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Schneider Electric

TITLE: EASY UPS 3S BATTERY BREAKER KIT GENERAL ARRANGEMENT

DWG NO: E3SOPT008

REV: 0

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 2

DRAWN: JAYAPRAKASH 12-JUN-18
 ENGINEER: CAMPBELL BAI 09-AUG-18
 APPROVED: FRANK ZHANG 09-AUG-18

FIRST ANGLE PROJECTION