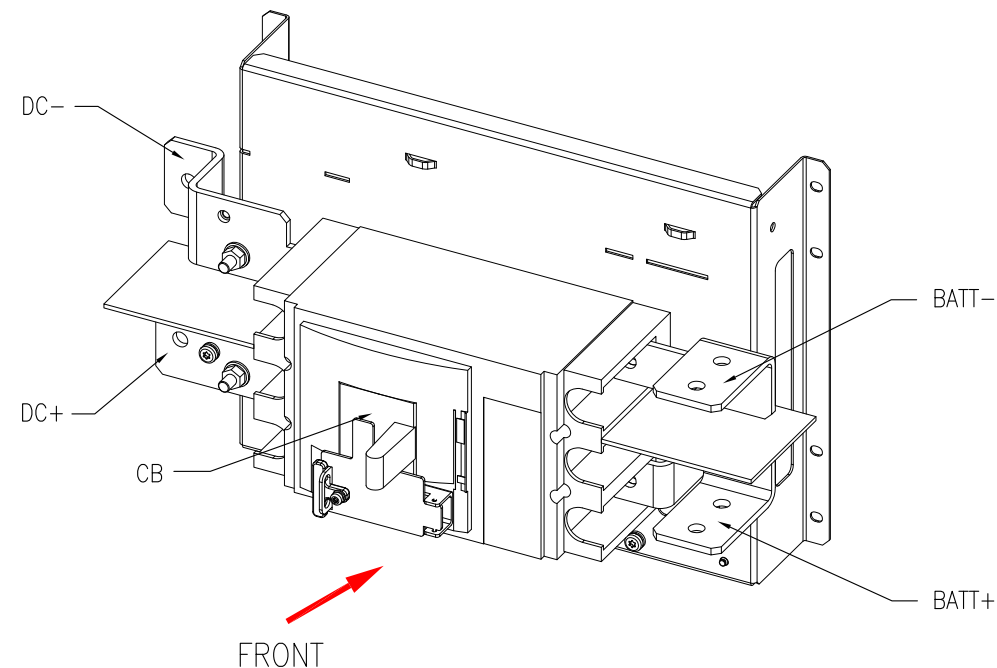


EXTERNAL ISOMETRIC VIEW



INTERNAL TRIMETRIC VIEW

SPECIFICATIONS:

Battery breaker	LV438279
Maximum configuration	200kW: 1 hour runtime 100-150kW: 4 hour runtime
Battery Type	VRLA
Maximum battery short circuit level (kA)	35
Maximum short circuit current to trip circuit breaker (A)	1500

UPS Rating (kW)	Trip Setting (A)	
	I _r	I _m
100 - 150	420	1500
200	600	



Recommended Cable Sizes

	100 - 150kW		200kW	
	Copper	Aluminium	Copper	Aluminium
Battery +/- (mm ²)	2 x 70mm ²	2 x 120mm ²	2 x 120mm ²	NA
Battery PE (mm ²)	70mm ²	120mm ²	120mm ²	NA

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. 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 OR ALUMINIUM 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.
4. THIS BATTERY BREAKER KIT MUST ONLY BE USED WITH Galaxy VS UPS.
COMPATIBLE WITH BATTERY CABINET: GVEBC11.
5. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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Schneider Electric

TITLE: Galaxy VS
BATTERY BREAKER KIT FOR 100 - 200kW
ISOMETRIC VIEW

DWG NO: GVSBBK100K200H

REV. 0

DRAWN: JAYAPRAKASH 03-DEC-19

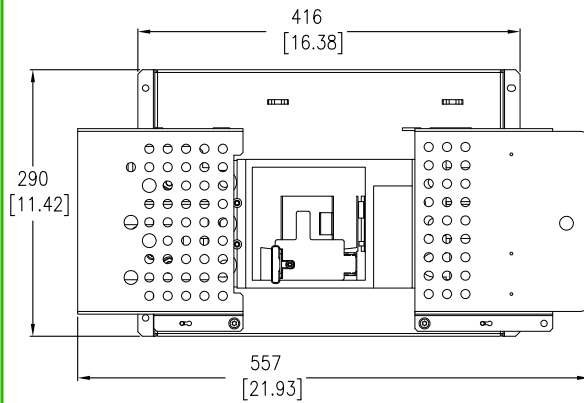
ENGINEER: Terry 03-DEC-19

APPROVED: Jiachenlin 03-DEC-19

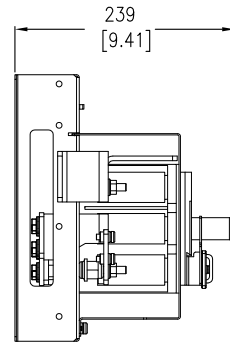
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 2

FIRST ANGLE PROJECTION

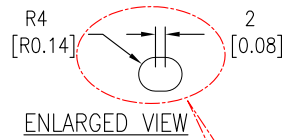
EXTERNAL VIEWS



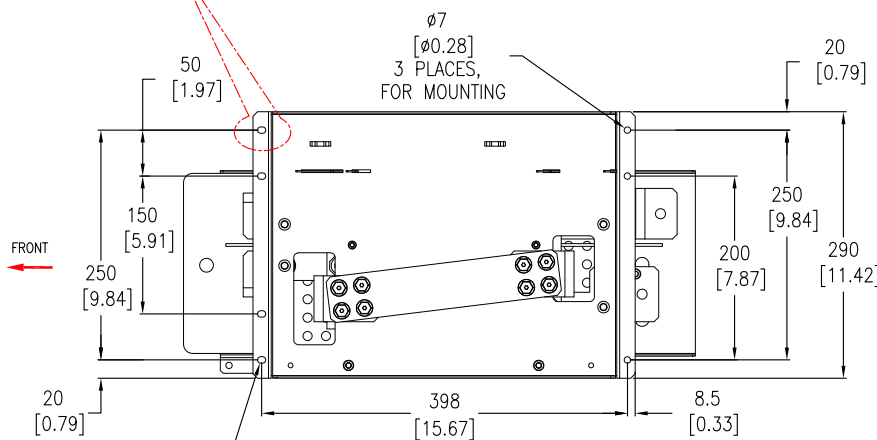
EXTERNAL VIEWS



LEFT SIDE VIEW



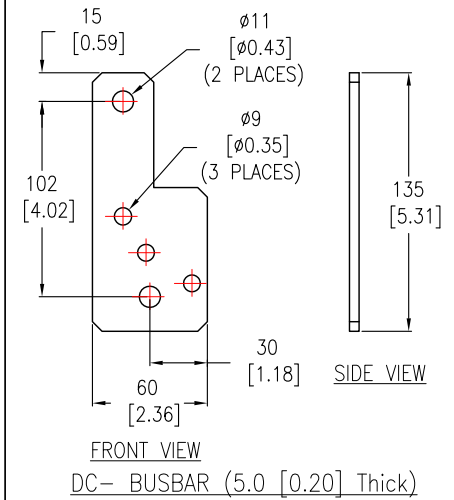
ENLARGED VIEW



REAR VIEW

OBLONG HOLES
4 PLACES,
FOR MOUNTING
REFER TO
ENLARGED VIEW

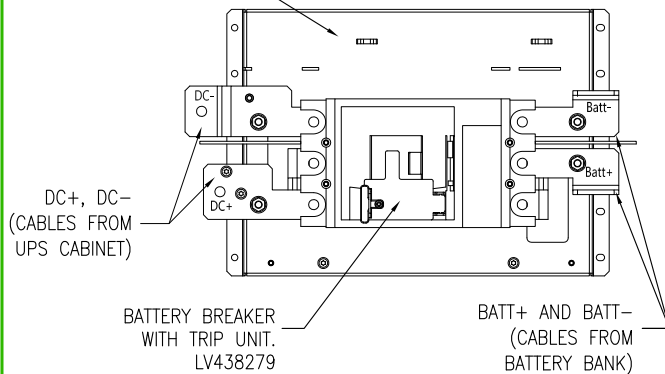
BUSBAR DETAILS



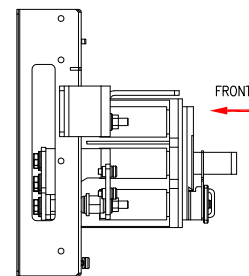
FRONT VIEW
DC- BUSBAR (5.0 [0.20] Thick)

INTERNAL VIEWS

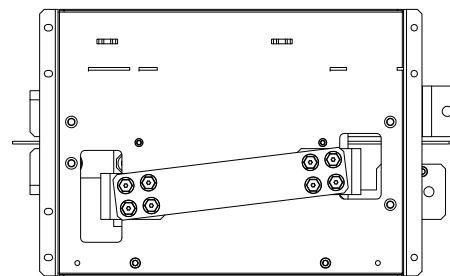
CIRCUIT BREAKER BASE



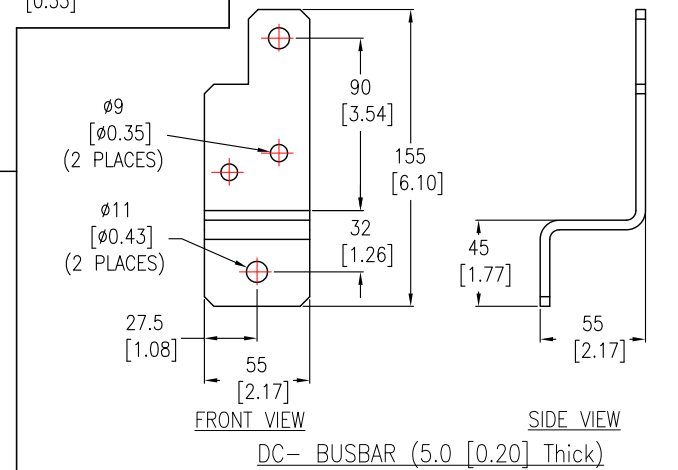
FRONT VIEW



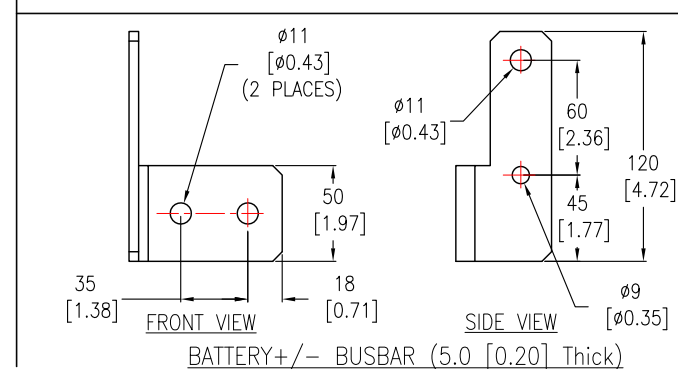
LEFT SIDE VIEW



REAR VIEW



FRONT VIEW
DC- BUSBAR (5.0 [0.20] Thick)



FRONT VIEW
BATTERY+/- BUSBAR (5.0 [0.20] Thick)

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 12 kg [26.45 lb].

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Schneider
Electric

TITLE: Galaxy VS
BATTERY BREAKER KIT FOR 100 - 200kW
GENERAL ARRANGEMENT

DWG NO: GVSBBK100K200H
DRAWN: JAYAPRAKASH
ENGINEER: Terry
APPROVED: Jiachenlin
REV: 0
03-DEC-19
03-DEC-19
03-DEC-19
FIRST
ANGLE
PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 2