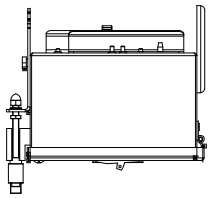
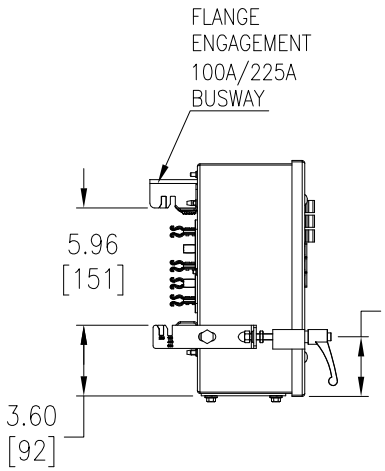
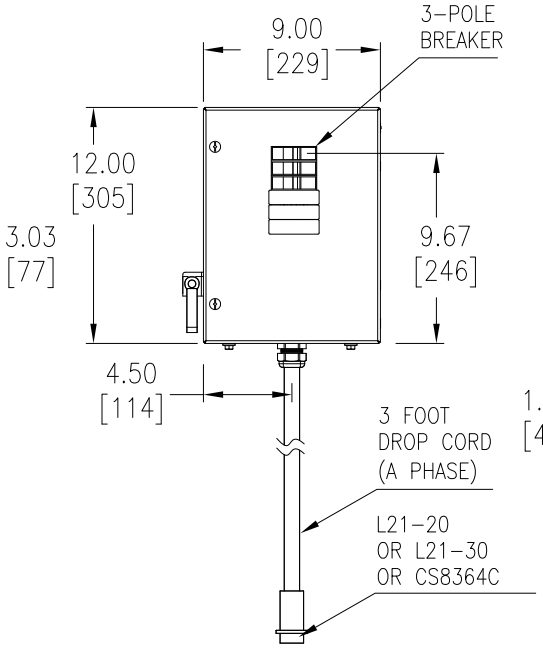


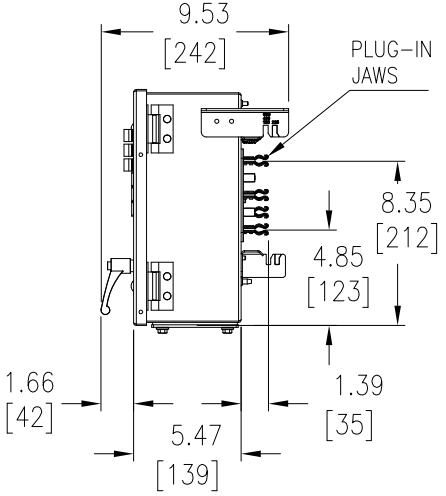
TOP VIEW



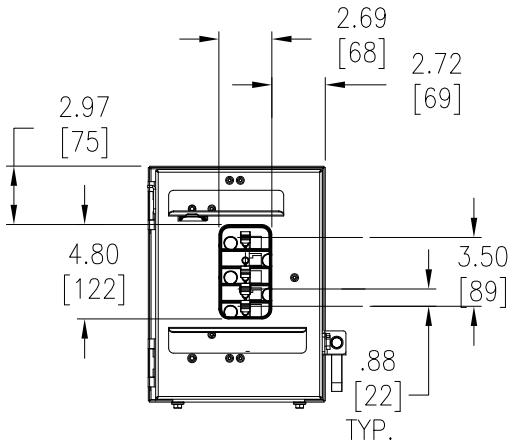
LEFT SIDE VIEW



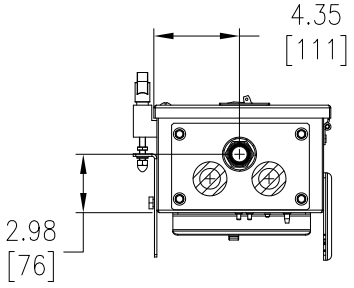
FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW



BOTTOM VIEW

NOTES:
1, COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2, REFER TO PRODUCT MANUALS AND COMPATIBILITY CHART PRIOR TO INSTALLATION AND SITE PREPARATION WORK FOR FURTHER DETAILS.
3, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
4, TURN OFF POWER TO BUSWAY BEFORE INSTALLING, REMOVING, OR WORKING ON THIS EQUIPMENT.
5, DO NOT INSTALL VERTICALLY, POWERBUS IS NOT SUITABLE FOR VERTICAL MOUNTING.
6, AMBIENT TEMPERATURE LIMITS FOR BUSWAY WITHOUT METERING ARE -30°C THROUGH +40°C (-22°F THROUGH 104°F).
VERIFY THAT THE OPERATING ENVIRONMENT TEMPERATURES ARE WITHIN THE RANGE REQUIRED BY THE BUSWAY BEING INSTALLED.
7, PROVIDE SUFFICIENT HORIZONTAL AND VERTICAL CLEARANCE FROM WALLS AND CEILINGS TO PROVIDE EASY ACCESS TO JOINTS AND SUFFICIENT ROOM FOR TAP OFF UNIT INSTALLATION.
8, ENSURE THAT ALL JOINT CONTACT SURFACES ARE FREE OF CONTAMINANTS.
9, VERIFY THAT THE SYSTEM PHASING MATCHES THE BUSWAY PHASING.
10, QOD UNIT WITH CIRCUIT BREAKER WEIGHT :- 18lbs (8kg).
(WEIGHT WILL VARY BASED ON THE CONNECTOR AND LENGTH AND NUMBER OF DROP CORDS)

PBP4A13L2120/PBP4A13L2130/PBP4A13CS50

Schneider Electric

TITLE: iBusway for Data Center System
Tap Off Unit
1x3 POLE, 20/30/50A
1 DROP CORD, 3ft, L21-20/L21-30/CS8364C
MAIN MECHANICAL- 1

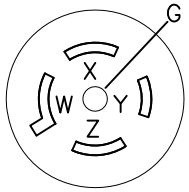
PROJECT: DRAWINGS | SHEET 1 OF 3

DWG NO:	PBP4A13L21CS		REV. 1
DRAWN BY:	K NAGENDRA/S CUNHA	12-APR-13	THIRD
ENGINEER:	SUNDAR KANNAN	12-APR-13	ANGLE
APPROVED BY:	A WARNER/A KASPER	12-APR-13	PROJECTION

CONNECTOR TYPE

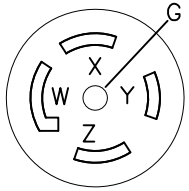
(ANY ONE OF THE FOLLOWING TYPE CONNECTOR WILL BE SUPPLIED AS PER SKU)

L6-20R CONNECTOR (20A)



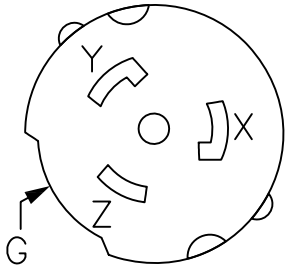
SKU : PBP4A13L2120

L6-30R CONNECTOR (30A)



SKU : PBP4A13L2130

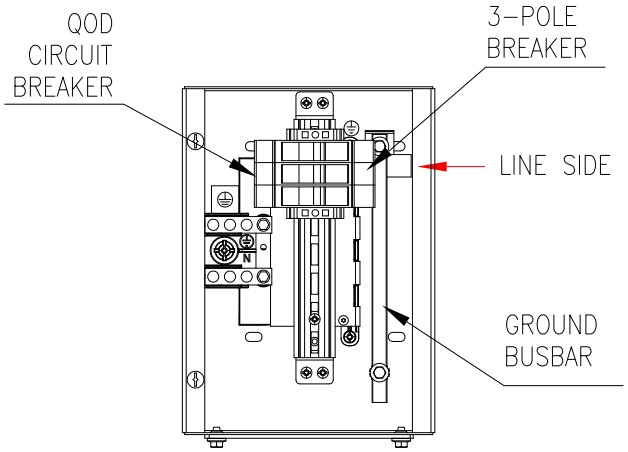
CS8364C CONNECTOR (50A)



SKU : PBP4A13CS50

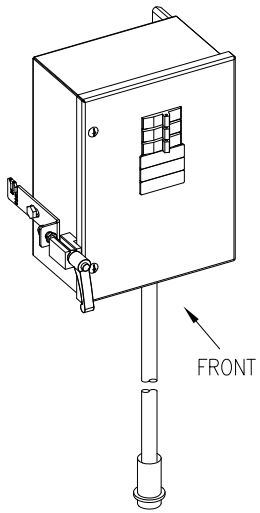
INTERNAL VIEW

(SHOWN WITHOUT CORD)



FRONT VIEW

ISOMETRIC VIEW



NOTES:
1, COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2, REFER TO PRODUCT MANUALS AND COMPATIBILITY CHART PRIOR TO INSTALLATION AND SITE PREPARATION WORK FOR FURTHER DETAILS.
3, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].

Schneider Electric

TITLE:	iBusway for Data Center System Tap Off Unit 1x3 POLE, 20/30/50A 1 DROP CORD, 3ft, L21-20/L21-30/CS8364C MAIN MECHANICAL-2
PROJECT: DRAWINGS	SHEET 2 OF 3
DWG NO:	PBP4A13L21CS
REV.	0
DRAWN BY:	K.NAGENDRA 12-DEC-12
ENGINEER:	SUNDAR KANNAN 12-DEC-12
APPROVED BY:	A.WARNER 25-JAN-13
	THIRD ANGLE PROJECTION

Electrical Data

Short Circuit Rating

Product	Short Circuit Current Rating KA, RMS Symmetrical		Impedence[1] Line-to-Neutral (milliohms/100ft)			DC Resistance of Aluminium Housing Ground (milliohms/100ft)
	UL 3-Cycle Test	Series-Connected with Fuse[2]	R	X60 Hz	X50 Hz	
225A	22kA	200kA	6.40	4.00	3.33	1.15
100A	14kA	200kA	15.34	7.59	6.32	1.25

1. Busway impedance and housing ground resistance are at 176° F (80° C) operating temperature.
2. Busway connected in series with a Class J or Class T fuse.

Voltage Drop

Product	Voltage Drop (60Hz @ Rated Load) (Average phase Line-to-Line Voltage Drop in Volts/100ft for Varying Power Factors)					
	100%	90%	80%	70%	60%	50%
225A	2.494	2.923	2.929	2.858	2.742	2.596
100A	2.657	2.964	2.914	2.799	2.646	2.467

Notes

1. Values shown are based on single concentrated load at the end of Busway run. For distributed loading, divide the values shown by two(2)
2. For Balanced 3-phase line-to-line voltage drop of 4-wire busway, use values from the above table.
3. For Balanced 3-phase line-to-line neutral voltage drop, multiply values by 0.577.
4. For single-phase voltage drop, multiply values by 1.15
5. For other than rated current, multiply values by the ratio of: Actual Current ÷ Rated Current
6. For total voltage drop, multiply values by the ratio of: Actual Length ÷ 100ft
7. Voltage drop calculations for 50Hz can be made by substituting the appropriate value from Table-1. For other frequency values, contact Schneider Electric.

Tap off Unit

NEMA Receptacles (R) and Connectors (C)			
Locking Devices			
Wiring	Voltage	20A	30A
3PH+N+G	3ϕY 120/208	L21-20	L21-30

NEMA Receptacles (R) and Connectors (C)		
Twist Lock connector		
Wiring	Voltage	50A
3PH+G	3ϕ 250V AC	CS8364C

Schneider Electric

TITLE: iBusway for Data Center System
Tap Off Unit
1x3 POLE, 20/30/50A
1 DROP CORD, 3ft, L21-20/L21-30/CS8364C
TECHNICAL DATA

PROJECT: DRAWINGS | SHEET 3 OF 3

DWG NO:	PBP4A13L21CS		REV. 1
DRAWN BY:	K.NAGENDRA/M.CRAVEN	12-DEC-12	THIRD ANGLE PROJECTION
ENGINEER:	SUNDAR KANNAN	12-DEC-12	
APPROVED BY:	A.WARNER	25-JAN-13	