MODULAR RACK DISTRIBUTION PANEL, 72kW, 200A, 208V, 18 Pole, 5U

Sheet No.	Component /Detail	Description
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5-6	Internal Views	Modular Rack Distribution Panel, 72kW, 200A, 208V, 18 Pole, 5U - Internal views & User Interface
7-9	System One Line Diagram	Modular Rack Distribution Panel, 72kW, 200A, 208V, 18 Pole, 5U - System One Line Diagram

LEGEND			
SYMBOL	DESCRIPTION		
()	CIRCUIT BREAKER		

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MODULAR RACK DISTRIBUTION PANEL INPUT:208V/120V 3PH 50-60Hz OUTPUT: 72kW, 200A, 208/120V 3 PH DRAWING GUIDE

DRAWN BY: JAYAPRAKASH 29-MAR-12 ANGLE

DRAWING GUIDE ENGINEER: S.LEE/M.WEISENBLOOM 19-MAR-12 PROJECTION
PROJECT: DRAWINGS SHEET 1 OF 9 APPROVED BY: B.SHERIDAN/E.SILVA 19-MAR-12 N/A

MODULAR POWER DISTRIBUTION UNIT - SPECIFICATIONS

1. AC Input

Nominal voltage: 208V/120V, 3PH, 3W+N+G (provided by others)

Frequency: 50-60Hz 1.2

Input Circuit Breaker: 200A 1.3

1.4 Maximum continuous current: 200A maximum Input conductor: 250 MCM

2. AC Output

2.1 Nominal voltage: 208V/120V, 3PH, 3W+N+G

208V. 3W+G 120V, 1W+N+G

2.2 Maximum continuous current : 200A

Full Load rating: 72kW @ 208V 3PH

72kW @ 120V 1PH

2.4 Power Distribution poles available: 18

2.5 Maximum number of PDMs: 6

3. ENVIRONMENTS

- The assembly is made for an ambient temperature for operation of: 0°C to 40°C.
- 3.2 The assembly is made for an ambient temperature for storage of: 0°C to 45°C.
- Rated conditional short-circuit current (Icc): 10kA

4. ENCLOSURE

- The assembly material is steel with surface coating.
- The assembly is made for Indoor floor Installation.

5. CONNECTIONS

- Incoming and outgoing cables to be connected to terminals in component section.
- Input cable entry is through top of the unit.

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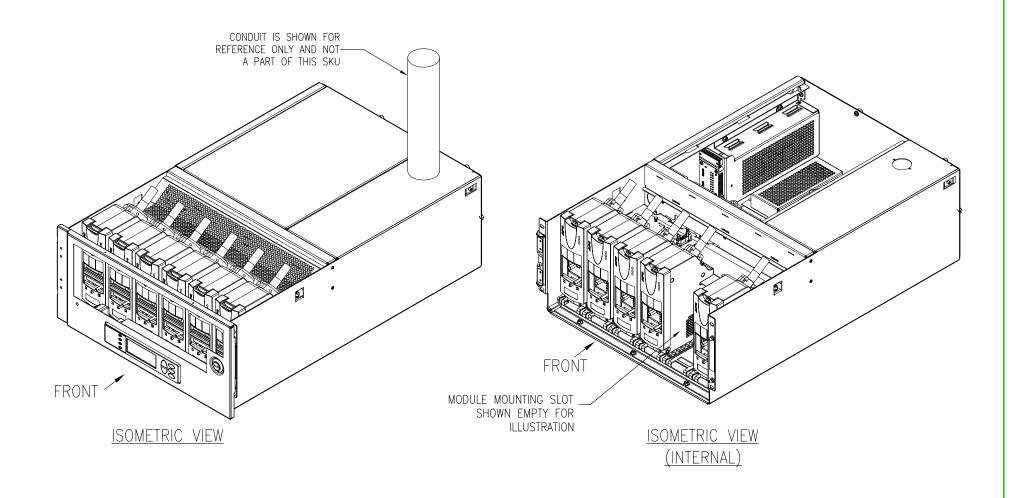
^{1.}INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.



MODULAR RACK DISTRIBUTION PANEL					
INPUT:208V/120V 3PH 50-60Hz OUTPUT: 72kW, 200A, 208/120V 3 PH SPECIFICATIONS					
OUTPUT: 72kW, 200A, 208/120V 3 PH					
SPECIFICATIONS					

DWG NO: P[DPM72	2F-5L	J KEV.
DRAWN BY:	JAYAPRAKASH	29-MAR-12	ANGLE
ENGINEER: S.LEE	/M.WEISENBLOOM	19-MAR-12	PROJECTION

^{2.}PLEASE REFER TO PRODUCT MANUALS PRIOR TO INSTALLATION AND SITE PREPARATION WORK FOR FURTHER DETAILS



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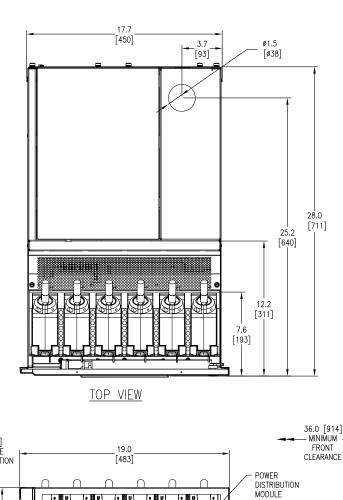
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Schneider Electric

MODULAR RACK DISTRIBUTION PANEL INPUT:208V/120V 3PH 50-60Hz OUTPUT: 72kW, 200A, 208/120V 3 PH ISOMETRIC VIEW

JAYAPRAKASH

29-MAR-12 ANGLE ENGINEER: S.LEE/M.WEISENBLOOM 19-MAR-12 PROJECT: DRAWINGS SHEET 3 OF 9 APPROVED BY: B.SHERIDAN/E.SILVA 19-MAR-12



NOTES

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- 2. PLEASE REFER TO PRODUCT MANUALS PRIOR TO INSTALLATION AND SITE PREPARATION WORK FOR FURTHER DETAILS.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS], UNLESS OTHERWISE SPECIFIED.
- 4. CABLE ENTRY IS FROM TOP OF THE UNIT.

TITLE:

Schneider Electric

MODULAR RACK DISTRIBUTION PANEL INPUT:208V/120V 3PH 50-60Hz OUTPUT: 72kW, 200A, 208/120V 3 PH GENERAL ARRANGEMENT

- 5. FRONT AND REAR SERVICE ACCESS ARE REQUIRED FOR SERVICE.
- 6. WEIGHT OF THE UNIT IS 66.3 Ib [30.14 kg] WITHOUT POWER DISTRIBUTION MODULES.

REAR VIEW

JAYAPRAKASH

ENGINEER: S.LEE/M.WEISENBLOOM

F-5U

29-MAR-12

19-MAR-12

THIRD

ANGLE

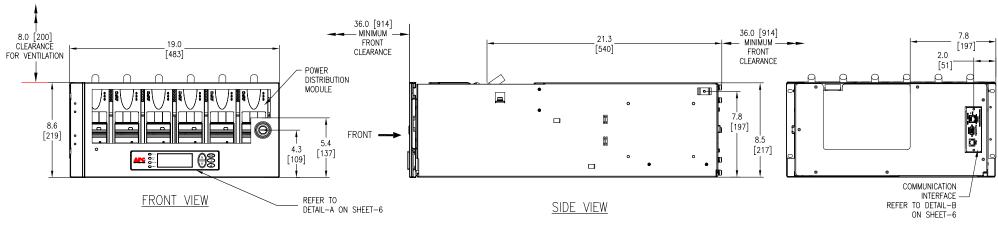
PROJECTION

DWG NO:

DRAWN BY:

PROJECT: DRAWINGS SHEET 4 OF 9 APPROVED BY: B.SHERIDAN/E.SILVA 19-MAR-12

7. COLOR: BLACK.



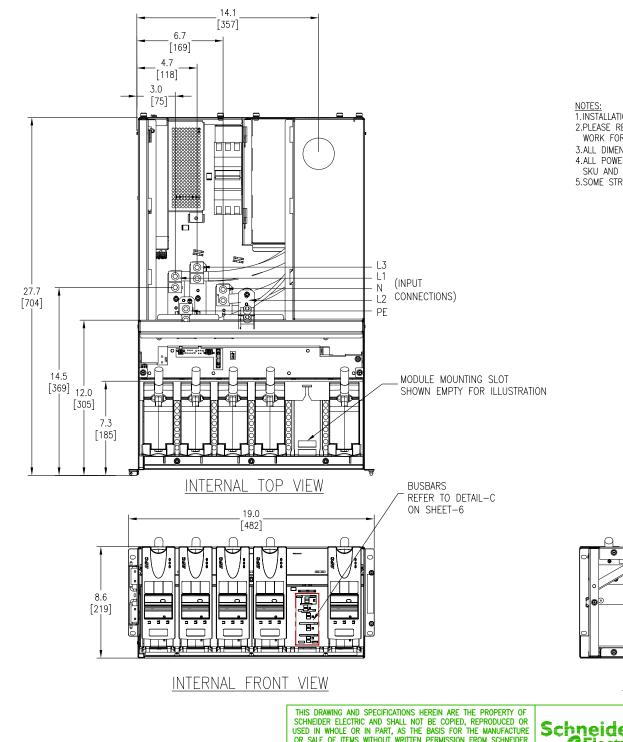
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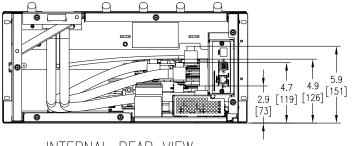
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- 3.ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]. UNLESS OTHERWISE SPECIFIED.
- 4.ALL POWER DISTRIBUTION MODULES AND EXTENDER CABLES ARE NOT PART OF THIS SKU AND ARE ORDERED SEPERATELY.
- 5.SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.



INTERNAL REAR VIEW

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.

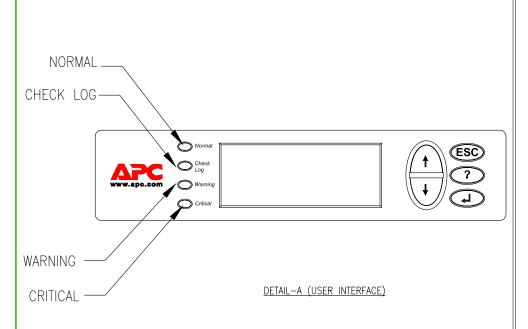
Schneider Electric

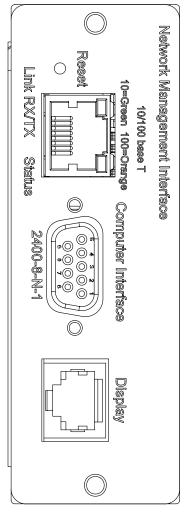
MODULAR RACK DISTRIBUTION PANEL INPUT:208V/120V 3PH 50-60Hz OUTPUT: 72kW, 200A, 208/120V 3 PH INTERNAL VIEW

DWG NO: DPM72F-5U DRAWN BY: JAYAPRAKASH 29-MAR-12 THIRD ANGLE ENGINEER: S.LEE/M.WEISENBLOOM 19-MAR-12

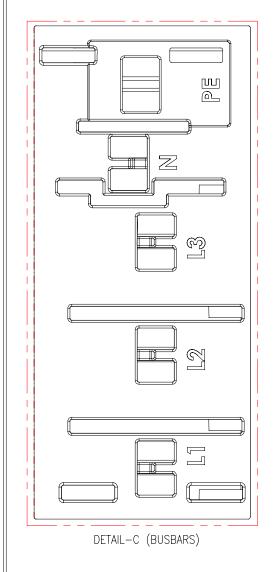
PROJECTION

PROJECT: DRAWINGS SHEET 5 OF 9 APPROVED BY: B.SHERIDAN/E.SILVA 19-MAR-12









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MODULAR RACK DISTRIBUTION PANEL
INPUT:208V/120V 3PH 50-60Hz
OUTPUT: 72KW, 200A, 2081/20V 3PH
DETAILS: USER INTERFACE, COMM INTERFACE, BUSBAR
ENGINEER: S.LEE/M.WEISENBLOOM

29-MAR-12 THIRD 19-MAR-12 ANGLE PROJECT: DRAWINGS SHEET 6 OF 9 APPROVED BY: B.SHERIDAN/E.SILVA 19-MAR-12

