

Technical Specifications

APC Modular Power Distribution Unit

**APC 144kVA Modular Power Distribution Unit,
Isolation Transformer, 480:208V, 72 Poles, 2 Subfeed**

**APC 144kVA Modular Power Distribution Unit,
Isolation Transformer, 600:208V, 72 Poles, 2 Subfeed**

**APC 175kVA Modular Power Distribution Unit,
Isolation Transformer, 480:415V, 72 Poles, 2 Subfeed**



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Technical Data

Model Nomenclature

Modular PDU Values

PDPM150G6H					
PD	PM	150	G	6	H
Product Type	Distribution Type	Power (kVA)	Input Voltage	Line Frequency	Output Voltage
PD: Power Distribution	PM: Modular Power Distribution	150: 144kVA 175: 175kVA	G: 480V L: 600V	5=50Hz 6=60Hz	F=208V H=415V

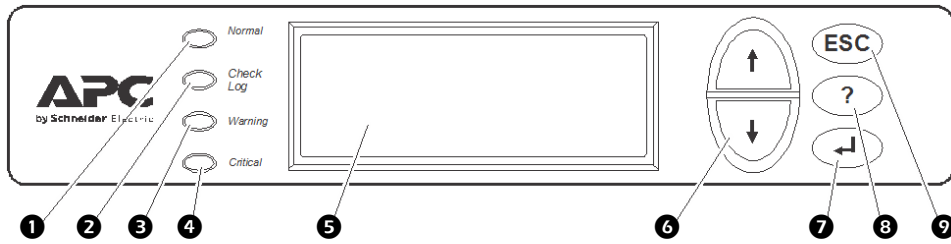
Power Distribution Modules Values

PDM3520L2120-1040					
PDM	3	5	20	L2120	1040
Product Type	Breaker Poles	Number of Wires	Breaker Rating (A)	Connector Type	Cable Length (cm)
Power Distribution Mode	1 2 3	3 5	20A 30A 40A 50A 60A	L5-20 L21-20 L21-30 CS50 IEC 309 60A L6-30R IEC 309 20A IEC 309	(for a complete list, see Power Distribution Module section of Accessories)

Example	Breaker Poles	Number of Wires	Breaker Rating (A)	Connector Type	Cable Length (cm)
PDM3520L2120-1040	3	5	20A	L2120	1040 cm

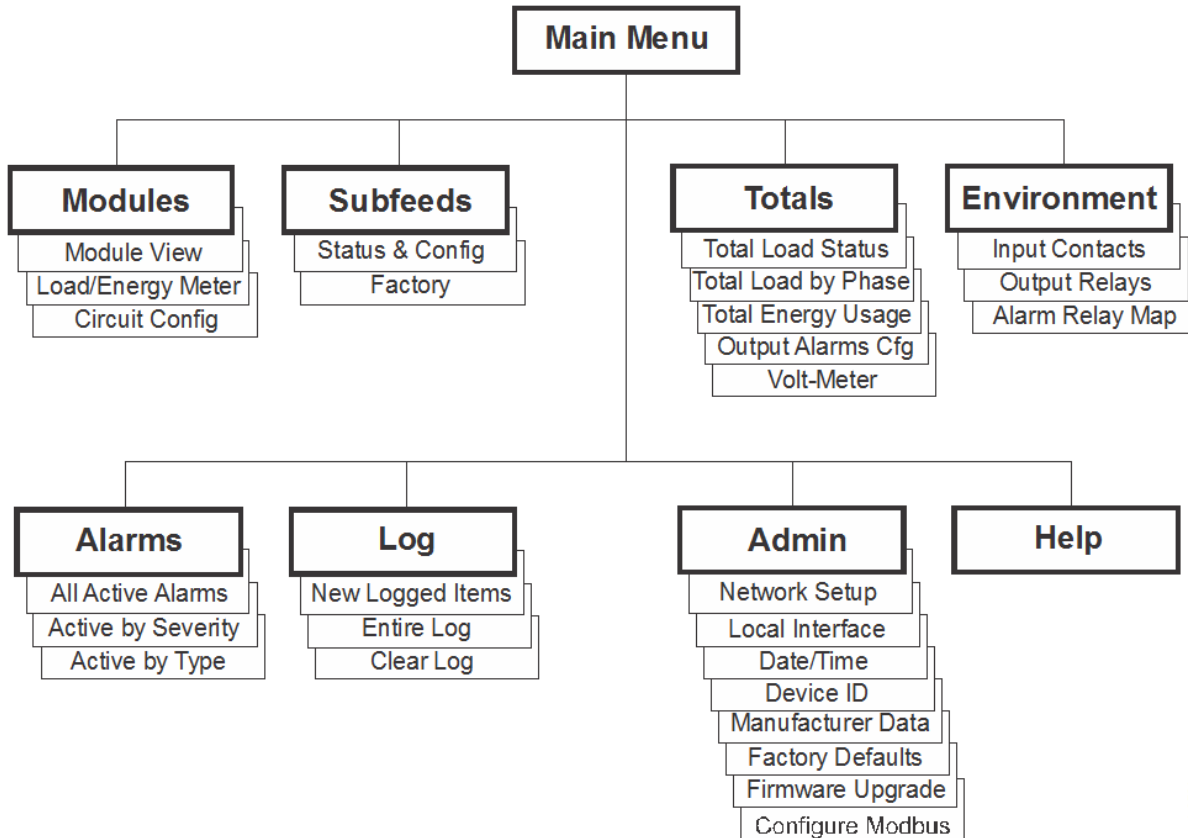
Communication and Management

Display Interface



1	Normal LED	Green = no alarms are present.
2	Check Log LED	Green = a new event has been added to the log.
3	Warning LED	Yellow = there are one or more active warning alarms in the system.
4	Critical LED	Red = there are one or more active critical alarms in the system.
5	LCD Screen	Displays alarms, status data, instructional help, and configuration items.
6	UP and DOWN keys	Used to scroll through menu items.
7	ENTER	Press to display new screens, open menu items, and finalize selections.
8	? - HELP	Press to open content-sensitive help.
9	ESC	Press to return to the previous screen.

Menu tree



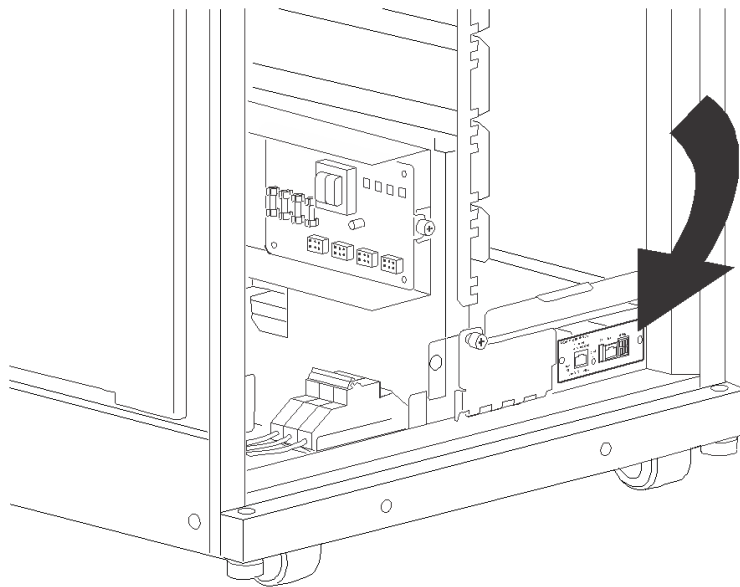
pdu0501a

List Of Alarms

- High Module Current
- High Subfeed Current
- High Total Output Current
- High Output Voltage
- Low Module Current
- Low Subfeed Current
- Low Total Output Current
- Low Output Voltage
- Maximum Module Current
- Maximum Subfeed Current
- Max Total Output Current
- Max Output Voltage
- Minimum Module Current
- Minimum Subfeed Current
- Min Total Output Current
- Min Output Voltage
- Modular Distribution Communication
- Module Breaker Open
- Output Frequency
- Subfeed Breaker Open
- Transformer Overheating
- Cooling Fan Failure

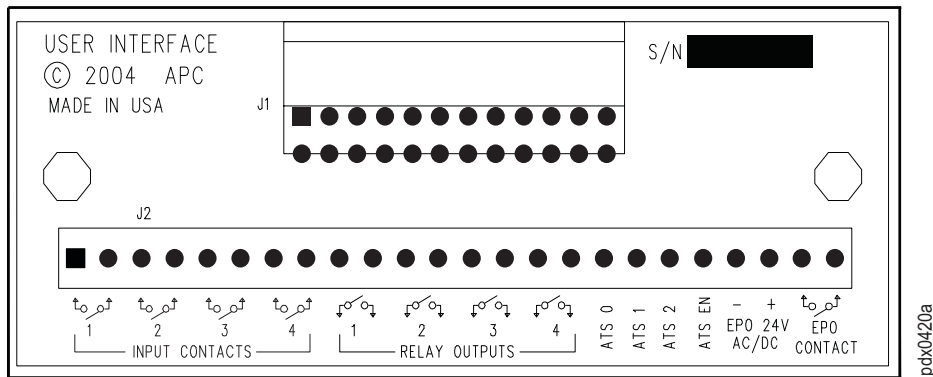
Network Management Card

The system is equipped with one embedded network management card for remote monitoring and control of an individual Modular Power Distribution Unit (PDU) by connecting it directly to the network.



pdx0992a

Input and Output Contacts



Note: Input Contacts are “Normally Open”

Available Output Contacts: SPST, 1A@30V

AST0, AST1, AST2, AST EN, EPO 24V AC/DC + -, and EPO CONTACT pair are reserved and not available.

Wiring: 12 AWG to 30 AWG is recommended.

User Interface Relay Outputs	
Surge ratings	Surge withstand voltage up to 2500VAC, meets FCC Part 68 and Telecordia

Compliance

- UL - UL 60950-1, 2nd Edition, 2007- 03 -27
 - (Information Technology Equipment - Safety - Part 1: General Requirements)
- cUL - CSA C22.2 No. 60950-1-07, 2nd Edition, 2007 - 03
 - (Information Technology Equipment - Safety - Part 1: General Requirements)
- The Conditional Short-Circuit Current Rating was not evaluated by Underwriters Laboratories.

Facility Planning

Input Specifications

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Grid system	3W + G+GEC		
Input mains	3 Phase		
Connection Information:	Hardwire: Max Input Conductor Size: 350MCM for Cu Cable 500MCM for Al Cable	Hardwire: Max Input Conductor Size: 300MCM (Cu Cable Only)	Hardwire: Max Input Conductor Size: 350MCM for Cu Cable 500MCM for Al Cable
Disconnect	Molded Case Circuit Breaker (MCCB)		

Mains Input Voltage

Nominal	480V	600V	480V

Mains Input Current

Nominal Current	178A	141A	214A
Maximum Continuous Current with 100% Rated Circuit Breaker	180A	150A	214A
Recommended current rating of input circuit breakers			
Mains Input ¹	225 A	200 A	300 A
Inrush Currents			
Inrush Current ²	2000 A	1500 A	2100 A
¹ Standard circuit breakers are rated to carry 80% of their current rating continuously. ² The supply overcurrent protective device must be able to handle the listed transformer inrush currents.			

Maximum Short-Circuit Withstand Rating

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Max Short-Circuit Withstand Rating*	65 kA	50 kA	30 kA
* The Maximum Short-Circuit Withstand Rating was not evaluated by Underwriters Laboratories.			

Frequency

Nominal	60Hz
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Output Specifications

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Grid System	208/120V, 3-pole modules	208/120V, 3-pole modules	415/240V, 3-pole modules
Number of Poles	72	72	72
Number of PDMs	24	24	24
Overload Protection	yes	yes	yes
Full Load Rating	144KW @ 208V	144KW @ 208V	175KW @ 415V
Max Continuous Current	400A	400A	243A
Nominal Voltage	208Y/120 V	208Y/120 V	415Y/240 V
Number of Subfeeds	2		

Breakers

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Location	External to PDU, supplied by others	External to PDU, supplied by others	External to PDU, supplied by others
OCP Rating	225A	200A	300A
Max Input Conductor Size	See the Following Tables: <i>40° Ambient / 3CCC, 150 & 175 kW Modular PDU</i> <i>30° Ambient / 3CCC, 150 & 175 kW Modular PDU</i>		
Terminal: Lug Size	Terminal Kit (included with PDU): dual lug	Terminal Kit (included with PDU): single lug	Terminal Kit (included with PDU): dual lug
Terminal: Cable Sizing	Dual Terminal: from 2/0 AWG to 350 kcmil max for Copper, from 2/0 AWG to 500 kcmil max for Aluminum.	Single terminal: from 1/0 AWG to 300 kcmil max, Copper only.	Dual Terminal: from 2/0 AWG to 350 kcmil max for Copper, from 2/0 AWG to 500 kcmil max for Aluminum.

Recommended Conductor Sizes

Note: All wiring must comply with all applicable national and or local electrical codes.

Conductor sizing in this manual is based on Table 310-16 of the 2011 National Electrical Code (NEC) with the following assertions:

- 90°C conductors (THHN) for 75°C termination
- 3 Current Carrying Conductors for Unit Input Circuit Breaker and 4 Current Carrying Conductors for Subfeed Circuit Breaker
- An ambient temperature of 30°C
- Two conduits for each Subfeed
- One Equipment Grounding Conductor for each conduit

If the ambient room temperature is greater than 30°C, larger conductors are to be selected in accordance with the correction factors of the NEC.

Equipment Grounding Conductors (EGC) are sized in accordance with NEC Article 250-122 and Table 250-122.

Grounding Electrode Conductors (GEC) are sized in accordance with NEC Article 250-66 and Table 250-66.

The conductor sizes are recommendations for maximum configurations. Even if the load is less than the maximum rating, it is wise to plan for future load increases. If the system is operated at a lower load than its rating and it is desired to supply the system with a lower rated breaker and smaller conductors, conductor ampacities are to be selected in accordance with the NEC. The transformer inrush must be taken into account when sizing the circuit breaker.

40° Ambient / 3CCC, 150 & 175 kW Modular PDU

	PDPM150G6F 480:208	PDPM150L6F 600:208	PDPM175G6H 480:415
Mains Input Φ	Cu only: 250kcmil 75°C conductor minimum	Cu only: 3/0 AWG 90°C conductor minimum	Cu: 350kcmil Al: 500kcmil 75°C conductor minimum
Equipment Grounding Conductor (EGC)	Cu: 4 AWG	Cu: 6 AWG	Cu: 4 AWG Al: 2 AWG
Grounding Electrode Conductor (GEC)	Cu: 2 AWG	Cu: 2 AWG	Cu: 2 AWG Al: 1/0 AWG
Output	Supplied with Power Distribution Modules		
4CCC Subfeed Output	Cu: (2) 300kcmil Φ and N, 3 AWG EGC, GEC not required. 90°C conductor minimum	Cu: (2) 300kcmil Φ and N, 3 AWG EGC, GEC not required. 90°C conductor minimum	Cu: (2) 2/0 AWG Φ and N, 4 AWG EGC, GEC not required. Al: (2) 4/0 AWG Φ and N, 2 AWG EGC, GEC not required. 75°C conductor minimum

30° Ambient / 3CCC, 150 & 175 kW Modular PDU

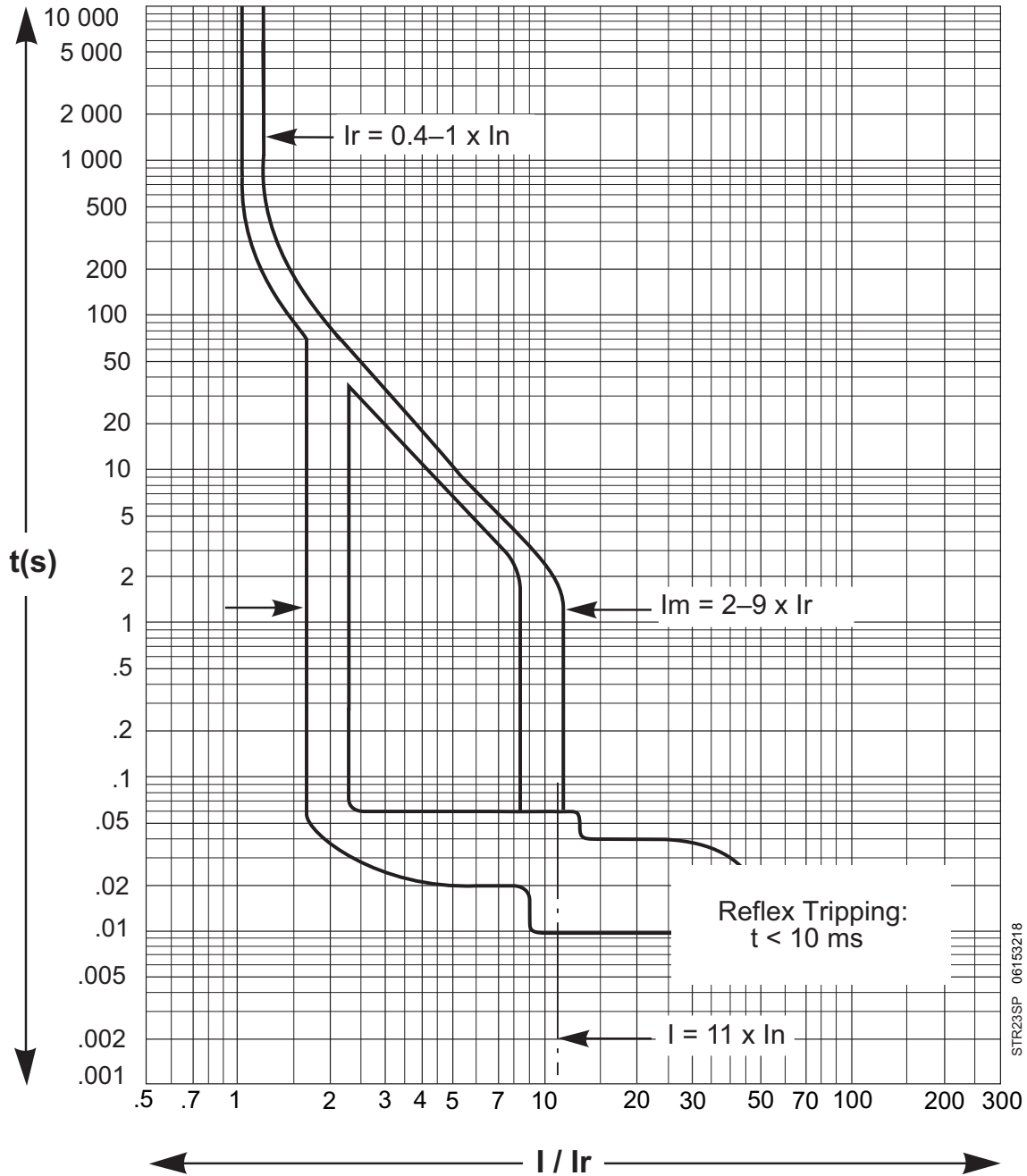
	PDPM150G6F 480:208	PDPM150L6F 600:208	PDPM175G6H 480:415
Mains Input Φ	Cu: 4/0 AWG Al: 300kcmil 75°C conductor minimum	Cu: 3/0 AWG 90°C conductor minimum	Cu: 300kcmil Al: 400kcmil 75°C conductor minimum
Equipment Grounding Conductor (EGC)	Cu: 4 AWG Al: 2 AWG	Cu: 6 AWG	Cu: 4 AWG Al: 2 AWG
Grounding Electrode Conductor (GEC)	Cu: 2 AWG Al: 1/0 AWG	Cu: 2 AWG	Cu: 2 AWG Al: 1/0 AWG
Output	Supplied with Power Distribution Modules		
4CCC Subfeed Output	Cu: (2) 250kcmil Φ and N, 3 AWG EGC, GEC not required. Al: (2) 350 kcmil Φ and N, 1 AWG EGC, GEC not required. 90°C conductor minimum	Cu: (2) 250kcmil Φ and N, 3 AWG EGC, GEC not required. Al: (2) 350 kcmil Φ and N, 1 AWG EGC, GEC not required. 90°C conductor minimum	Cu: (2) 2/0 AWG Φ and N, 4 AWG EGC, GEC not required. Al: (2) 3/0 AWG Φ and N, 2 AWG EGC, GEC not required. 75°C conductor minimum
Φ = phase, N = neutral (2) = two conductors per phase and neutral (when neutral is required) Subfeed is required to have two conductors per phase & N for full output due to limited wire bend space Cu= Copper conductors, Al= Aluminum conductors CCC = Current Carrying Conductor			

CB1

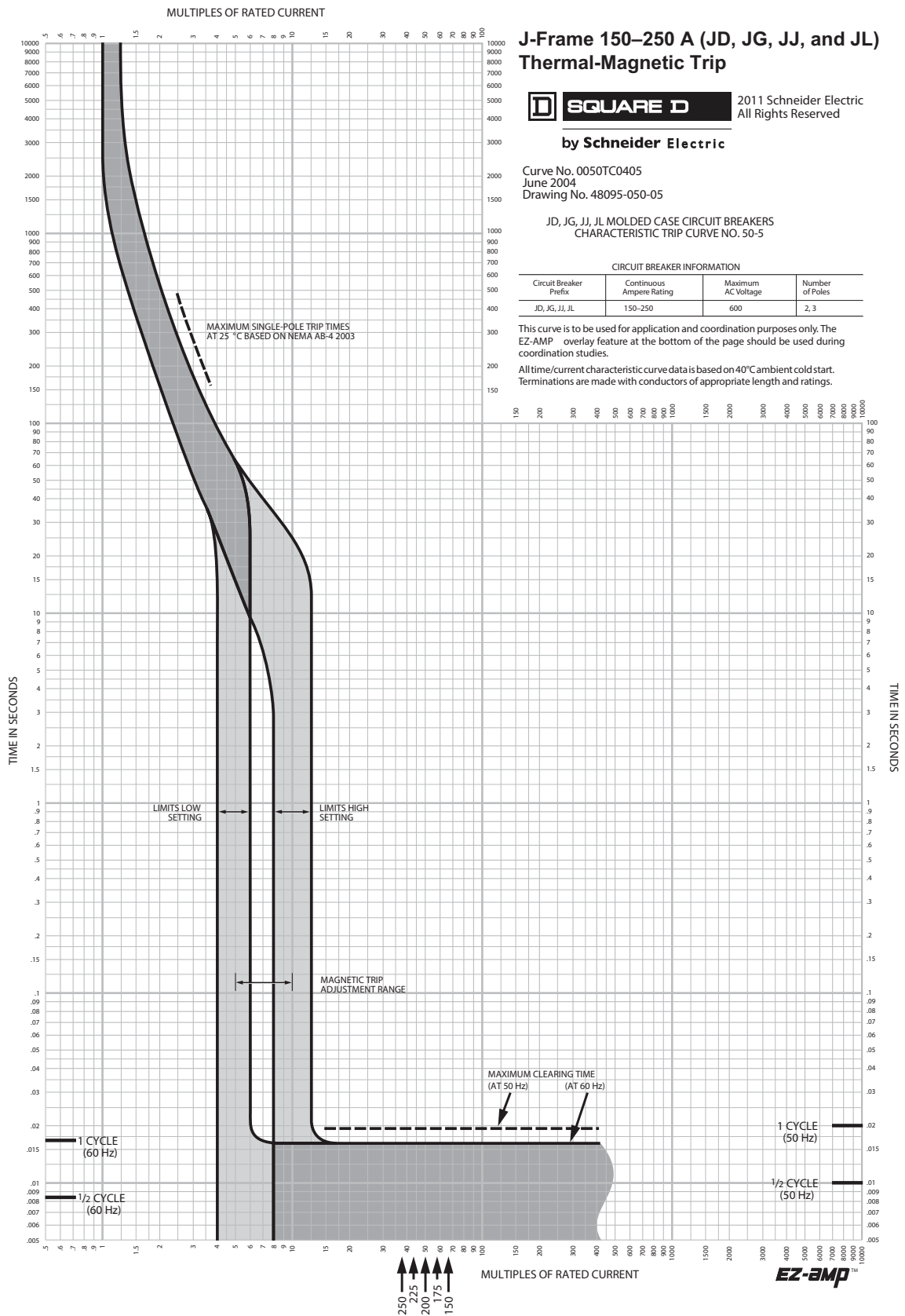
	PDPM150G6F 480:208	PDPM150L6F 600:208	PDPM175G6H 480:415
Tripping Curve	See 'STR23SP'	See 'JLF361150C'	See 'STR23SP'
Type	Merlin Gerin	Square D	Merlin Gerin

STR23SP

Merlin Gerin - Trip Units for Compact® NSJ400-NSJ600 Circuit Breakers



STR23SP 06153218



Environmental

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Operating Temp	-5 to +40°C (23 to 104°F)		
Storage Temp	-25 to +65°C (-13 to 149°F)		
Operating Humidity	0 to 95%, non-condensing		
Storage Humidity	0 to 95%, non-condensing		
Max Operating Elevation	3,000 m (9,842.5 ft)		
Max Storage Elevation	15 000 m (50,000 ft)		
Operating Environment	Protected from water and conductive contaminants.		
Storage Environment	Protected from water and conductive contaminants.		
Full Load Heat Loss @ Nominal Mains	3.128 kW/hr (10672.7 BTU/hr)	3.272 kW/hr (11164.1 BTU/hr)	3.441 kW/hr (11740.7 BTU/hr)
Airflow/Cooling Requirement	Front to rear airflow		

Transformer Specifications

	PDPM150G6F	PDPM150L6F	PDPM175G6H
Size	150kVA	150kVA	175kVA
Type	Isolated Transformer	Isolated Transformer	Isolated Transformer
Configuration	Delta/Wye	Delta/Wye	Delta/Wye
Input Voltage	480V	600V	480V
Input Current	180A	150A	214A
Inrush Current	Not to exceed 10X Nominal Input Current Per Phase		
Output Voltage	208Y/120V	208Y/120V	415Y/240V
Output Current	400A	400A	243A
Thermal Sensing	180°C	180°C	180°C
Weight	900 lb (409 kg)	900 lb (409 kg)	1232 lb (560 kg)
Impedance in %IZ	3 - 6%	3 - 6%	3 - 6%
Frequency	60 Hz	60 Hz	60 Hz
Frequency Range	57-63Hz	57-63Hz	57-63Hz
Noise	<55db @ 1m	<55db @ 1m	<55db @ 1m
Windings	Copper - Each coil to be made from a continuous conductor (wire or foil).		
Insulation rating	180°C	180°C	180°C
Efficiency	>98.2%	>98.2%	>98.5%

Dimensions

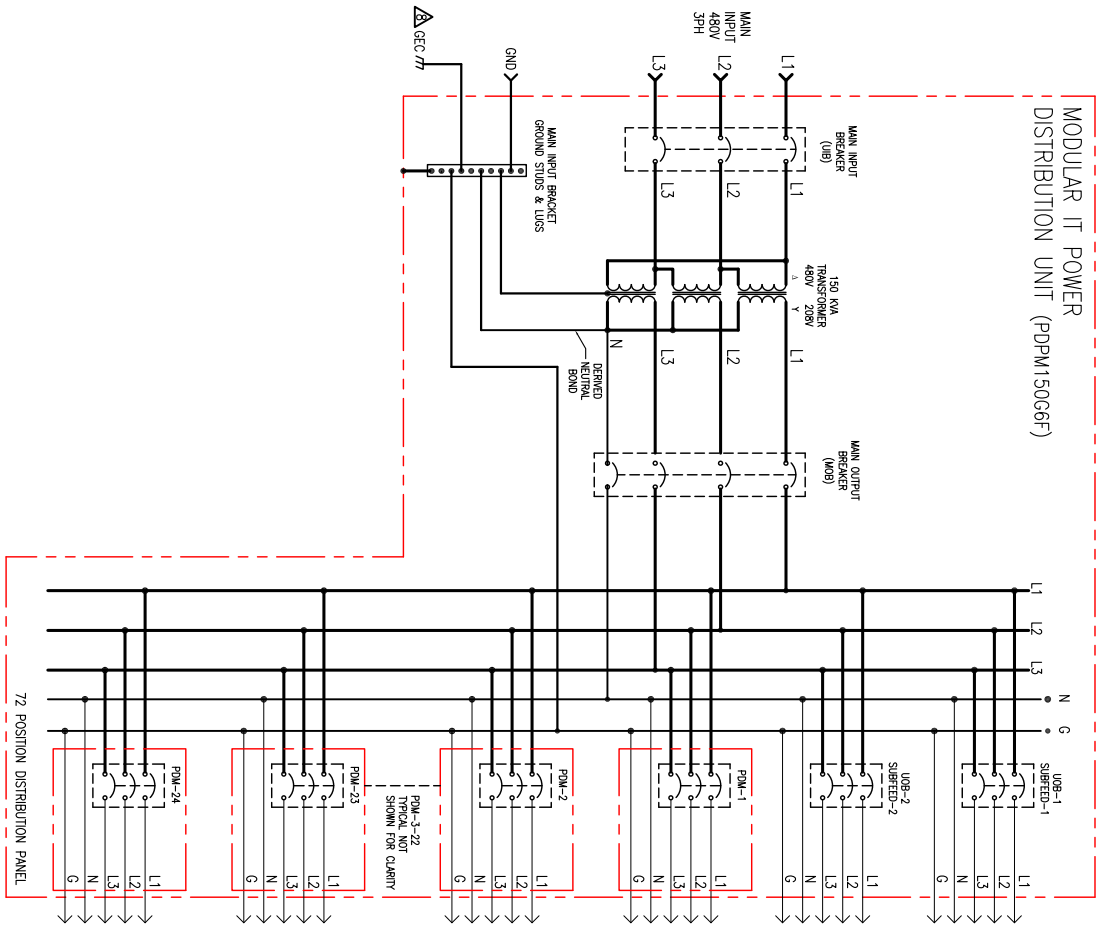
	PDPM150G6F	PDPM150L6F	PDPM175G6H
Unpackaged Dimensions (H x W x D)	79.0 x 23.6 x 42.1 in. (2007 x 600 x 1069 mm)	79.0 x 23.6 x 42.1 in. (2007 x 600 x 1069 mm)	79.0 x 23.6 x 42.1 in. (2007 x 600 x 1069 mm)
Shipping Dimensions (H x W x D)	84.8 x 40 x 48.0 in. (2153 x 1016 x 1219 mm)	84.8 x 40 x 48.0 in. (2153 x 1016 x 1219 mm)	84.8 x 40 x 48.0 in. (2153 x 1016 x 1219 mm)
Weight (Unpopulated PDU)	1843.1 lb (836 kg)	1942.3 lb (881 kg)	2074.6 lb (941 kg)
Shipping weight (Unpopulated PDU)	1944.5 lb (882 kg)	2043.7 (927 kg)	2176.0 lb (987 kg)
Free space around PDU:			
Minimum Recommended Front Service Clearance*	42.0 in. (1066.8 mm)		
Minimum Recommended Rear Service Clearance*	36 in. (914.4 mm)		
Side Clearance*	Right: 24 in. (609.6 mm) Left: None Required		
Minimum Top Ventilation Clearance*	8.25 in. (210 mm)		
* In establishing and verifying proper clearance, ensure full compliance with all applicable national, state, and local electrical codes.			
Color	Black		
Input Power Entry Cable Route (Top, Bottom, Both)	Top	Top	Top
Output Power Exit Cable Route (Top, Bottom, Both)	Top	Top	Top
Conduit Size	Defined by input wiring		
Size of Roof Hole or Bottom Plate for Conduit	Hole is punched by customer according to conduit size.		

Drawings

Note: These drawings are for reference ONLY - subject to change without notice.

Note: A comprehensive set of drawings is available on the APC Web site: www.apc.com

MODULAR IT POWER
DISTRIBUTION UNIT (PDDM150G6F)



DEVICE	RATING (100% Rated)	TYPE	MAKE	MODEL	RATED SHORT CIRCUIT CURRENT
UIB	400A, 600V	3 POLE BREAKER	MERLIN GERIN	NHFF3940GE20 (100% Rated)	63KA SYMMETRICAL
MOB	400A, 600V	4 POLE BREAKER	MERLIN GERIN	NHFF3940GE20 (100% Rated)	63KA SYMMETRICAL
SUBDRED BREAKER	400A, 600V	3 POLE BREAKER	MERLIN GERIN	NHFF3940GE20 (100% Rated)	63KA SYMMETRICAL
MODULE X	400V	POWER DISTRIBUTION MODULE	SCHNEIDER ELECTRIC	SEE NOTE 7	10KA SYMMETRICAL

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. AC SOURCE TO BE 480VAC 3PH 3 WIRE + GROUND + GEC
4. RACK FRAME AND SKINS ARE ELECTRICALLY CONNECTED AND TIED TO CHASSIS GROUND. (CONTACT SCHNEIDER ELECTRIC IF OTHER).
5. TRANSFORMER BASE IS GROUNDED THROUGH RACK FRAME.
6. ALL AC POWER CABLING TO BE 600V RATED, 3 WIRE + GROUND + GEC (INPUT CABLE), 3WIRE + NEUTRAL + GROUND (OUTPUT CABLE)
7. ALL POWER DISTRIBUTION MODULES ARE NOT PART OF THIS SKU AND ARE ORDERED SEPARATELY, MAXIMUM 24 MODULES PER SKU. REFER TO COMPATIBILITY CHART FOR POWER DISTRIBUTION MODULE OPTIONS AND THEIR BREAKER RATINGS.
8. THIS SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. THE GROUNDING ELECTRODE CONDUCTOR (GEC) IS PROVIDED BY OTHERS.

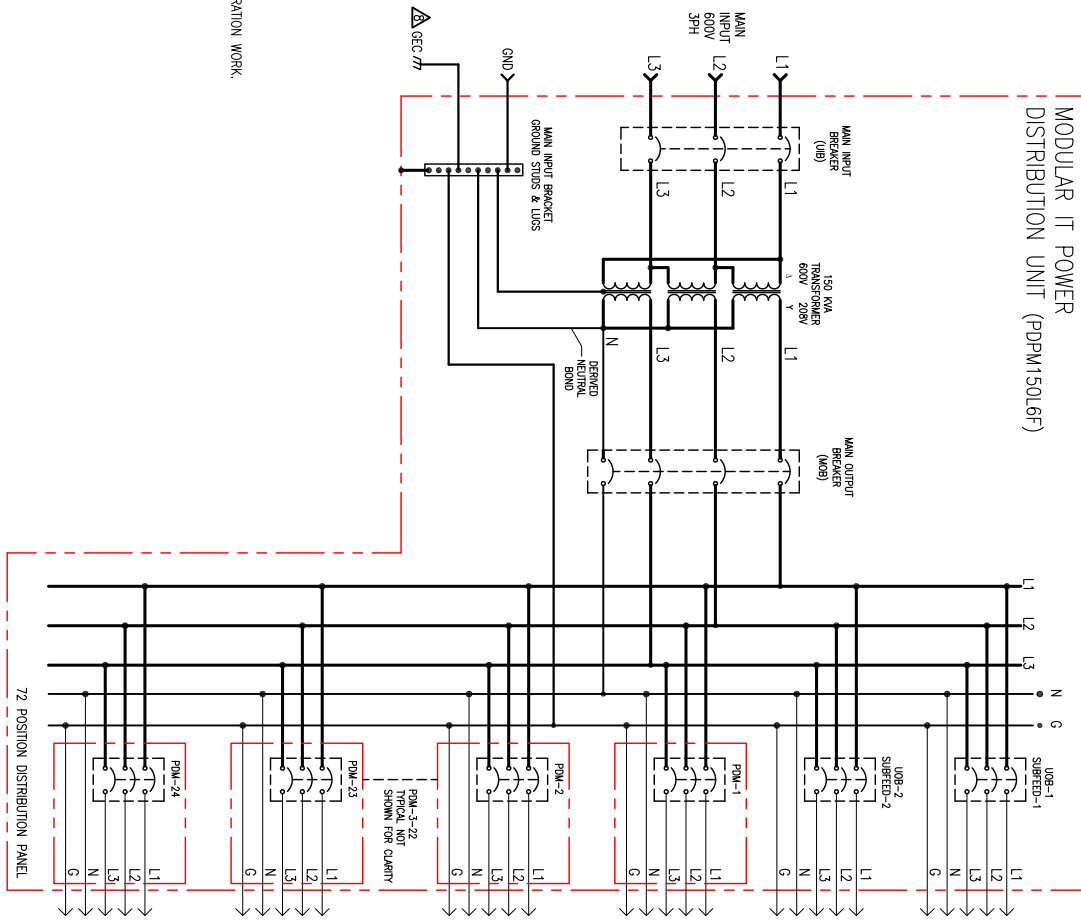
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TITLE: AFC 144kW MODULAR PDU
ISOLATION TRANSFORMER, 480V/208V
Output: 208V 3PH 60HZ
Input: 480V 3PH 60HZ
SHEET 2 OF 8
ONE LINE DIAGRAM

DMG NO.: PDDM150G6F
DRAWN BY: C RESHMI/AMR/RAKSHI
ENGINEER: JIE ZHU/ADCK LU
APPROVED BY: AMR/RAKSHI/AMR/RAKSHI
REV. 1
ANGILE PRODUCTION
05-DEC-12
05-DEC-12
N/A

MODULAR IT POWER DISTRIBUTION UNIT (PDPM150L6F)



DEVICE	RATING (100% Rated)	TYPE	MAKE	MODEL	RATED SHORT CIRCUIT CURRENT
UB	150A, 600V	3 POLE BREAKER	SQUARE D	JLF36B30VE (100% Rated)	50KA SYMMETRICAL
MOB	400A, 600V	4 POLE BREAKER	MERLIN GERIN	NHS4640E20 (100% Rated)	65KA SYMMETRICAL
SUB-1 SUB-2 SUB-3 SUB-4	400A, 600V	3 POLE BREAKER	MERLIN GERIN	NHF3640E20 (100% Rated)	65KA SYMMETRICAL
MODULE X	400V	POWER DISTRIBUTION MODULE	SCHNEIDER ELECTRIC	SEE NOTE 7	10KA SYMMETRICAL

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO [PRODUCT DOCUMENTATION](#) FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. AC SOURCE TO BE 600VAC, 3PH, 3 WIRE + GROUND + GEC.
 4. (CONTACT SCHNEIDER ELECTRIC IF OTHER).
 5. TRANSFORMER BASE IS GROUNDED THROUGH RACK FRAME.
 6. ALL AC POWER CABLING TO BE 600V RATED, 3 WIRE + GROUND + GEC (INPUT CABLE), 3 WIRE + NEUTRAL + GROUND (OUTPUT CABLE).
 7. ALL POWER DISTRIBUTION MODULES ARE NOT PART OF THIS SKU AND ARE ORDERED SEPARATELY. MAXIMUM 24 MODULES PER SKU. REFER TO [COMPATIBILITY CHART](#) FOR POWER DISTRIBUTION MODULE OPTIONS, AND THEIR BREAKER RATINGS.
 8. THIS SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. THE GROUNDING ELECTRODE CONDUCTOR (GEC) IS PROVIDED BY OTHERS.

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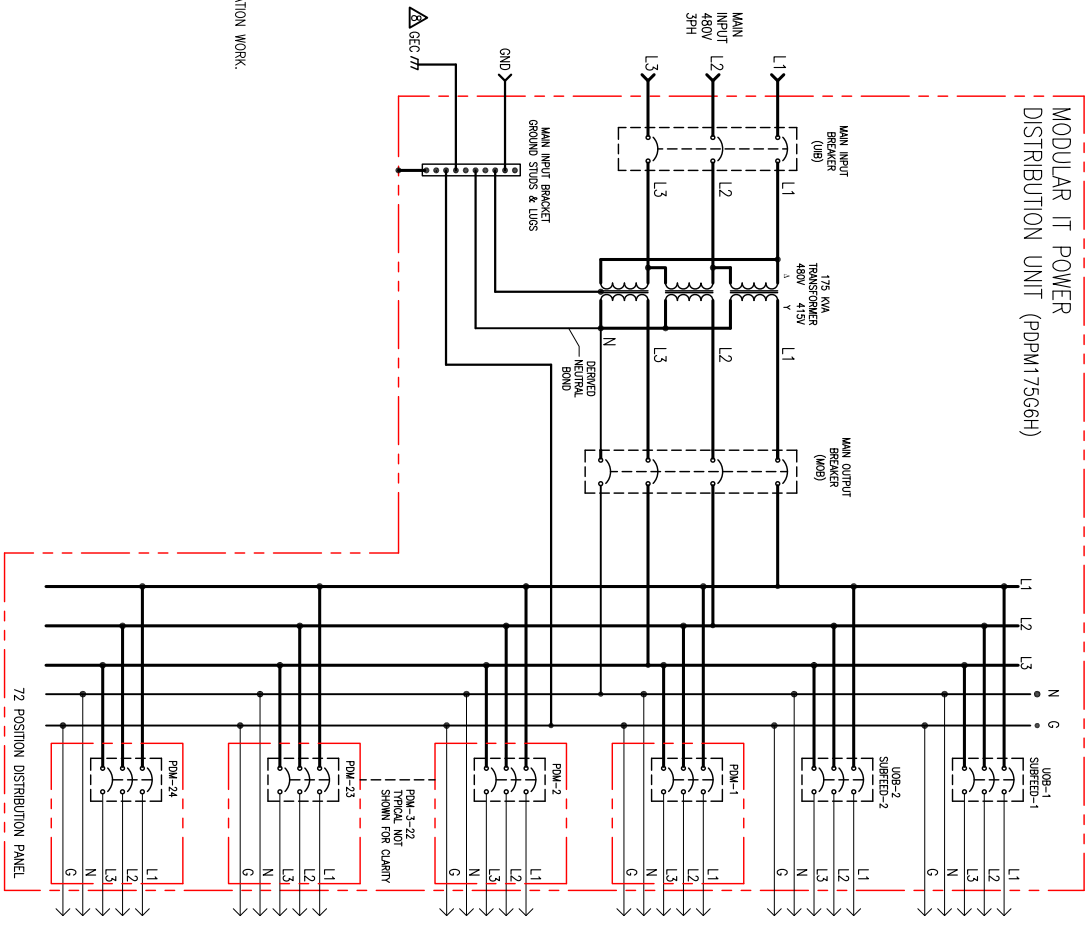


TITLE: APC144kW MODULAR PDU ISOLATION TRANSFORMER, 600V/208V
 Input: 600V, 3PH, 60Hz, 2 WIRE + NEUTRAL + GEC
 Output: 208V, 3PH, 60Hz, 3 WIRE + NEUTRAL + GEC
 PROJECT: SUBMITTAL DRAWINGS SHEET 8 OF 8

DMG NO.: PDPM150L6F
 DRAWN BY: C KRISHNA
 ENGINEER: JIE ZHU/DACK LU
 APPROVED BY: AMARNEER/SVODCO
 DATE: 04-DEC-12
 DATE: 09-JAN-13
 DATE: 09-JAN-13
 REV: 0
 ANGLE PROJECTION: N/A

DEVISE	RATING (100% Rated)	TYPE	MAKE	MODEL	RATED SHORT CIRCUIT CURRENT
UIB	400A, 600V	3 POLE BREAKER	MERLIN GERIN	NJHFS3640E20 (100% Rated)	695A SYMMETRICAL
MOB	400A, 600V	4 POLE BREAKER	MERLIN GERIN	NJHSF400E20 (100% Rated)	695A SYMMETRICAL
SUBREED BREAKER	400A, 600V	3 POLE BREAKER	MERLIN GERIN	NJHFS3640E20 (100% Rated)	695A SYMMETRICAL
MODULE X	240V	POWER DISTRIBUTION MODULE	SCHNEIDER ELECTRIC	SEE NOTE 7	10KA SYMMETRICAL

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO [PRODUCT DOCUMENTATION](#) FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. AC SOURCE TO BE 600VAC, 3PH, 3 WIRE + GROUND + GEC
 4. (CONTACT SCHNEIDER ELECTRIC IF OTHER).
 5. RACK FRAME AND SKINS ARE ELECTRICALLY CONNECTED AND TIED TO CHASSIS GROUND.
 6. TRANSFORMER BASE IS GROUNDED THROUGH RACK FRAME.
 7. ALL AC POWER CABLEING TO BE 600V RATED, 3 WIRE + GROUND + GEC (INPUT CABLE),
3 WIRE + NEUTRAL + GROUND (OUTPUT CABLE).
 8. ALL POWER DISTRIBUTION MODULES ARE NOT PART OF THIS SKU AND
ARE ORDERED SEPARATELY. MAXIMUM 24 MODULES PER SKU. REFER TO [COMPATIBILITY CHART](#) FOR
POWER DISTRIBUTION MODULE OPTIONS AND THEIR BREAKER RATINGS.
 9. THIS SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM
IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
 10. THE GROUNDING ELECTRODE CONDUCTOR (GEC) IS PROVIDED BY OTHERS.



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TITLE: APC175kW MODULAR PDU ISOLATION TRANSFORMER, 480V/415V	DWG NO: PDPM17566H	REV: 0
Input: 480V 3PH 60HZ	DRWN BY: C KRISHNA	04-DEC-12
Output: 415V 3PH 60HZ	ENGR: JIE ZHU/JACK LU	09-JAN-13
FILE LINE DIAGRAM	PROJECT: SUBMITTAL DRAWINGS	SHEET: 8 OF 8
APPROVED BY: AMBER/S.VOCCO		
		PRODUCTION
		N/A

Options

Hardware Options

Power Distribution Modules

The following APC Power Distribution Modules (PDMs) are intended for, and can be installed in the following 208V Modular PDUs:

APC Modular Power Distribution Units
PDPM150G6F
PDPM150L6F

APC Power Distribution Modules for 208V Modular PDUs

208V Power Distribution Modules have black buss plates which match the black 208V PDU backplane. These PDMs require one (1) Modular PDU slot position.

Module	# cords	Voltage	Amperage	(Qty) Circuit Breakers	(Qty) Connector
PDM1320L5-3P-x	3	120V	20A	(3) 1P	(3) 3-wire NEMA L5-20R
PDM3520L2120-xxx	1	120V	20A	(3) 1P	(1) 5-wire NEMA L21-20
PDM3530L2130-xxx	1	120V	30A	(3) 1P	(1) 5 wire NEMA L21-30
PDM3450CS50-xxx	1	208V	50A	(1) 3P	(1) 4 wire CS50
PDM3460IEC309-xxx	1	208V	60A	(1) 3P	(1) 4 wire (3P+PE) IEC 309 60A
PDM2330L6-xx-yyy	1	208V	30A	(1) 2P	(1) 3 wire NEMA L6-30R

Notes:

Input frequency: 50/60Hz
Certifications: UL Listed
Cable rating of Power Distribution Modules: TC-ER, DP-1. Approved for under floor usage per NFPA 645.5(E) and 645.5(E)(3) when used in a designated IT Site as defined in NFPA Article 645, Information Technology Equipment.
The PDM3460IEC309-xxx PDMs use a 4-wire IEC 309 connector with a 9 o'clock ground position.
Unless otherwise noted, 1-cord Power Distribution Modules are available with these cord lengths: 200, 260, 320, 380, 440, 500, 560, 620, 680, 740, 800, 860, 920, 980, 1040, 1680
Unless otherwise noted, all 3-cord Power Distribution Modules are available with these cord lengths: Option 1: PDM with 260, 380, and 500 cm cables Option 2: PDM with 680, 860, and 1040 cm cables Option 3: PDM with three 1680 cm cables

Power Distribution Modules continued

The following APC Power Distribution Modules (PDMs) are intended for and can be installed in the following 415V Modular PDUs:

APC Modular Power Distribution Units
PDPM175G6H

APC Power Distribution Modules for 415V Modular PDUs

415V Power Distribution Modules have gray buss plates which match the gray 415V PDU backplane. These PDMs require one (1) Modular PDU slot position.

Module	# cords	Voltage	Amperage	(Qty) Circuit Breakers	(Qty) Connector
PDM1320IEC-3P-x	3	240V	20A	(3) 1P	(3) 3-wire IEC 309 20A
PDM3520IEC309-xxx*	1	240V	20A	(3) 1P	(1) 5-wire IEC 309
PDM3540IEC309-xxx	1	240V	40A	(3) 1P	(1) 5-wire IEC 309

Notes:

Input frequency: 50/60Hz
Certifications: UL Listed
Cable rating of Power Distribution Modules: TC-ER, DP-1. Approved for under floor usage per NFPA 645.5(E) and 645.5(E)(3) when used in a designated IT Site as defined in NFPA Article 645, Information Technology Equipment.
The PDM3520IEC309-xxx and PDM3540IEC309-xxx PDMs use a 5-wire IEC 309 connector with a 6 o'clock ground position.
Unless otherwise noted, 1-cord Power Distribution Modules are available with these cord lengths: 200, 260, 320, 380, 440, 500, 560, 620, 680, 740, 800, 860, 920, 980, 1040, 1680
Unless otherwise noted, all 3-cord Power Distribution Modules are available with these cord lengths: Option 1: PDM with 260, 380, and 500 cm cables Option 2: PDM with 680, 860, and 1040 cm cables Option 3: PDM with three 1680 cm cables
*PDM3520IEC309-xxx is also available with 80 and 140 cm cord lengths

Seismic Kit

SYOPT600	Seismic Kit for 300mm Symmetra PX 100, Symmetra PX 250/500, and Modular PDU Frames
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Bottom Feed Side Cars

SKU	Description	Compatible PDUs
PDPM100SC	APC Symmetra PX 100kW Bottom Feed Side Car, 300mm	PDPM175G6H
PDPM150SC	APC 150KVA Modular PDU Bottom Feed Side Car, 300mm	PDPM150G6F PDPM150L6F

Shunt Trip

Square D shunt trip unit models for field installation:

S29384 for 24VAC

S29382 for 12VAC

S29390 for 24VDC

S29391 for 30VDC

Configuration Options

- StruxureWare Data Center Expert
- Network Manageable
- Seismic bracket kits available
- Optional Bottom Feed Side Car for bottom feed input/output

Warranty

SCHNEIDER ELECTRIC IT CORPORATION LIMITED FACTORY WARRANTY

Three Phase Power Products or Cooling Solutions One-Year Factory Warranty¹

The limited warranty provided by Schneider Electric IT Corporation (SE IT) in this Statement of Limited Factory Warranty applies only to products you purchase for your commercial or industrial use in the ordinary course of your business.

Terms of Warranty

SE IT warrants that the product shall be free from defects in materials and workmanship for a period of one year from the date of product start-up when start-up is performed by SE IT authorized service personnel and occurs within six months of The SE IT shipment date. This warranty covers repairing or replacing any defective parts including on-site labor and travel. In the event that the product fails to meet the foregoing warranty criteria, the warranty covers repairing or replacing defective parts at the sole discretion of SE IT for a period of one year from the shipment date. For SE IT cooling solutions, this warranty does not cover circuit breaker resetting, loss of refrigerant, consumables, or preventive maintenance items. Repair or replacement of a defective product or part thereof does not extend the original warranty period. Any parts furnished under this warranty may be new or factory-remanufactured.

Non-transferable Warranty

This warranty is extended to the first person, firm, association or corporation (herein referred to by “You” or “Your”) for whom the SE IT product specified herein has been purchased. This warranty is not transferable or assignable without the prior written permission of SE IT.

Assignment of Warranties

SE IT will assign you any warranties which are made by manufacturers and suppliers of components of the SE IT product and which are assignable. Any such warranties are assigned “AS IS” and SE IT makes no representation as to the effectiveness or extent of such warranties, assumes no responsibility for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this Warranty to such components.

Drawings, descriptions

SE IT warrants for the warranty period and on the terms of the warranty set forth herein that the SE IT product will substantially conform to the descriptions contained in the SE IT Official Published Specifications or any of the drawings certified and agreed to by contract with SE IT if applicable thereto (“Specifications”). It is understood that the Specifications are not warranties of performance and not warranties of fitness for a particular purpose.

¹ To determine which factory warranty applies to the SE IT product you purchased, please consult the factory warranties located on the SE IT web site: www.apc.com/products

Exclusions

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