



Middle Atlantic Products, Inc.

Vertical Power Strips

DataTel

I-00001

96-938/ rev 1a / 11-29-00



Middle Atlantic Vertical Power Strips

Features

- UL Listed
- Both 15 and 20 amp circuits available
- Multiple termination choices: cord w/ plug, metal flex with tails, or j-box
- Isolated ground circuits available
- Available in 3 different lengths with multiple mounting lances and "quick-clips" to enable mounting in any enclosure
- Multiple MOV and spike protection, EMI filtering, and circuit breaker available
- Single and multiple circuit strips available
- Finished in durable black powder coat



Architects' and Engineers' Specifications

- Vertical Power Strips shall be M.A.P. part # PD-XXYYZZ-SUFFIX (PD= power distribution. X= # of outlets/arrangements req'd. Y= amparage req'd. Z= termination req'd. SUFFIX= standard options req'd. ex: iso ground, no surge protection) example PD-1220J-IG
- Vertical Power Strips shall be constructed of the following materials:
 1. All chassis shall be 16-gauge steel
 2. All vertical power strip chassis' shall be phosphate pre-treated, and finished in a durable black powder coat
 3. J-boxes shall be 4" x 4" x 1 1/2" deep, cover included
 4. Metal flex shall be 3' with 6" of conductor (tail) extending from end, connectors included

5. Rubber cords shall be 9' with NEMA 5-15P or NEMA 5-20P plug
6. Outlets shall be NEMA 5-15R, NEMA 5-20R, or NEMA 5-20R (IG)

OPTIONS

- Part # PB-5A, adaptor brackets to mount power strips to rackrail of SLIM-5 and AX-S Series racks (pair) or rackrail of any rack
- Part # PB-DWR, adaptor brackets to mount power strips in DWR Series wall racks (pair)

The RACK SYSTEM EXPERTS

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www.datatelracks.com

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Specifications for Hard-Wired Vertical Power Strips



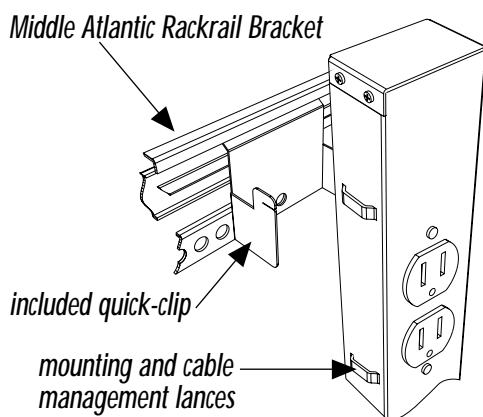
PD-2X615

PART #	NUMBER OF OUTLETS	CIRCUITS	NEMA OUTLET TYPE	OUTLETS ACCOMMODATE (NEMA)	WIRE GAUGE	TERMINATION	ISOLATED GROUND	CIRCUIT ARRANGEMENT
PD-620J-IG	6 (3 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	J-BOX	YES	1-1-1-1-1-1
PD-1020J-IG	10 (5 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	J-BOX	YES	1-1-1-1-1-1-1-1-1-1
PD-1220J	12 (6 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	J-BOX	NO	1-1-1-1-1-1-1-1-1-1-1-1
PD-1220J-IG	12 (6 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	J-BOX	YES	1-1-1-1-1-1-1-1-1-1-1-1
PD-2X620J	12 (6 DUPLEX)	(2) 20 AMP	5-20R	5-15P & 5-20P	12	J-BOX	NO	1-1-2-2-1-1-2-2-1-1-2-2
PD-2X615	12 (6 DUPLEX)	(2) 15 AMP	5-15R	5-15P	14	3/8" FLEX TAIL	NO	1-1-2-2-1-1-2-2-1-1-2-2
PD-1215	12 (6 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	3/8" FLEX TAIL	NO	1-1-1-1-1-1-1-1-1-1-1-1

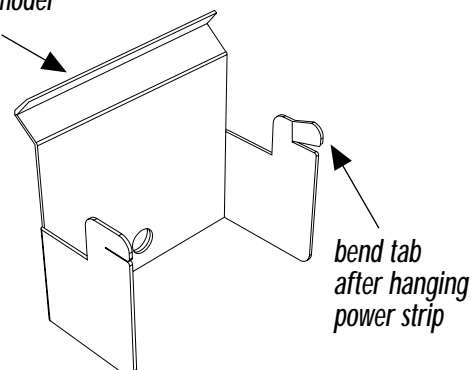
Additional Specifications for all Products Listed Above:

- UL standard 5, file #E174334
- Flex tails shall be flexible electrical metallic tubing, 3 feet long with a minimum of 6 inches of conductor extending from end. Connectors shall be included.
- Power strips with isolated ground shall have an insulated ground conductor connected to all outlet ground terminals and a bare ground conductor connected to chassis ground stud. Both ground conductors shall extend into J-Box. Isolated ground outlets shall be orange in color.
- J-Boxes (junction box) shall be 4" x 4" x 1 1/2" deep. Cover is included.
- For 2 circuit strips:
First circuit outlet color shall be white, second circuit outlet color shall be ivory.
- All conductors extending into J-Boxes shall be minimum of 6" long from point of entry into box.
- No circuit protection is provided with hard-wired power strips. They require branch circuit protection.
- Finish shall be black power coat.
- Chassis shall be 16-gauge steel.
- Mounting: quick-clip (see details), 2 supplied per strip.
- Use indoors in dry locations only.

Included Mounting Method



quick-clip (2 provided)
for hard-wired model
strips as shown



The RACK SYSTEM EXPERTS



PD-1415C

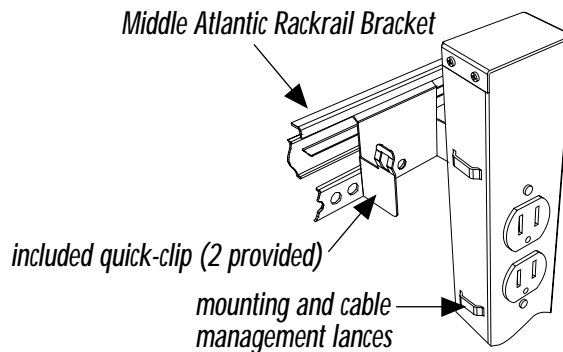
Specifications for Corded Vertical Power Strips

PART #	NUMBER OF OUTLETS	CIRCUITS	NEMA OUTLET TYPE	OUTLETS ACCOMMODATE (NEMA)	WIRE GAUGE	CIRCUIT PROTECTION	SURGE AND EMI FILTER	UL STANDARD	NEMA PLUG TYPE
PD-615C	6 (3 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	YES	1363 & 1449	5-15P
PD-615C-NS	6 (3 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	NONE	1363	5-15P
PD-620C-NS	6 (3 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	20 AMP CIRCUIT BREAKER	NONE	1363	5-20P
PD-1015C	10 (5 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	YES	1363 & 1449	5-15P
PD-1015C-NS	10 (5 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	NONE	1363	5-15P
PD-1020C-NS	10 (5 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	20 AMP CIRCUIT BREAKER	NONE	1363	5-20P
PD-1220C-NS	12 (6 DUPLEX)	(1) 20 AMP	5-20R	5-15P & 5-20P	12	20 AMP CIRCUIT BREAKER	NONE	1363	5-20P
PD-1415C	14 (7 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	YES	1363 & 1449	5-15P
PD-1415C-NS	14 (7 DUPLEX)	(1) 15 AMP	5-15R	5-15P	14	15 AMP CIRCUIT BREAKER	NONE	1363	5-15P

Additional Specifications for all Products Listed Above:

- UL file #E194316
- Cord length shall be 9 feet
- Finish shall be black powder coat
- Chassis shall be 16-gauge steel
- Outlet color shall be white
- For use indoors in dry locations only
- Quick-clip mounting (see details)

Included Mounting Method



- Nominal line voltage: 120 VAC
- Maximum line current: 15 Amps
- Maximum allowable voltage: 150 VAC (RMS)
 - Maximum continuous voltage differential applied between line and neutral, line and ground, or neutral and ground
 - Maximum multiple impulse current derated per specs
- Three protection modes: Line to neutral, line to ground, and neutral to ground
- Peak impulse current (8/20 micro second.):
 - 10,000 amps, one time
 - 7000 amps, 2 times within 5 minutes
 - 3000 amps, ten times within 2 minutes
 - Maximum peak impulse current pulse as defined between line and neutral, line and ground, or neutral and ground.
 - Maximum multiple impulse current derated
- Maximum clamping voltage: 395 volts@100 amps
- Response time: Instantaneous (Less than 1 nanosecond)
- EMI/ RF Suppression: More than 20 db
 - Calculated line to neutral, 100 KHz to 1 MHz suppression based upon nominal impedance

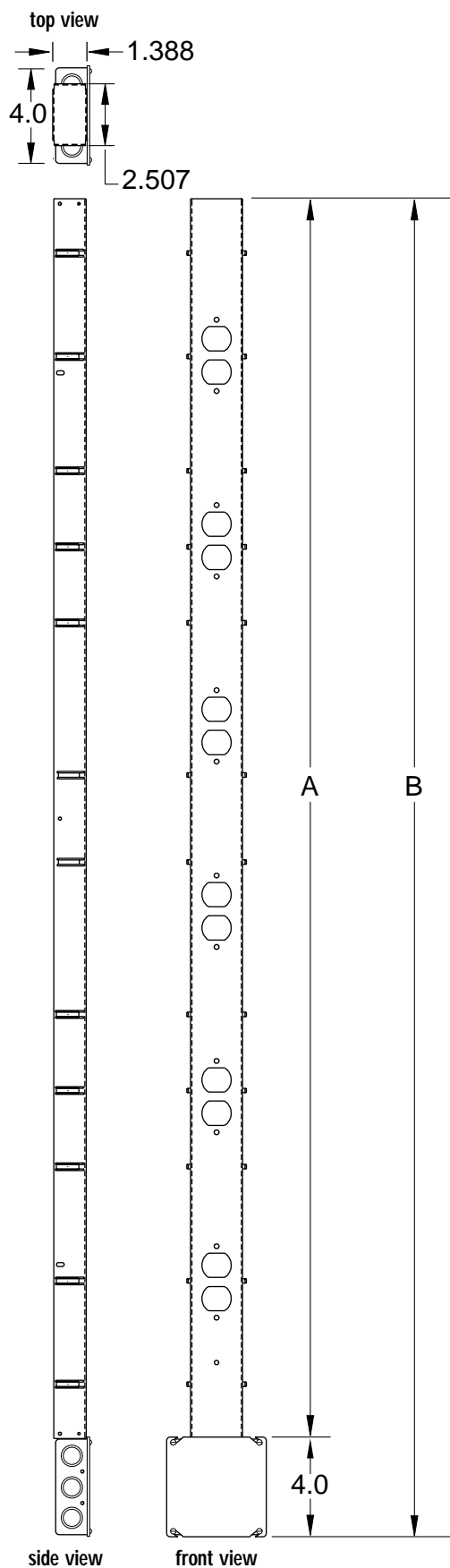
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Vertical Power Strip Basic Dimensions

PART #	"A" LENGTH	"B" LENGTH (FOR MODEL INCLUDING J-BOX)
PD-615C-NS	26.5	—
PD-620C-NS	26.5	—
PD-615C	26.5	—
PD-620J-IG	—	30.5
PD-1015C	40	—
PD-1015C-NS	40	—
PD-1020J-IG	—	44
PD-1020C-NS	57	—
PD-1215	57	—
PD-1220C-NS	57	—
PD-1415C	57	—
PD-1415C-NS	57	—
PD-2X615	57	—
PD-2X620J	—	61
PD-1220J	—	61
PD-2X620J	—	61



ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED