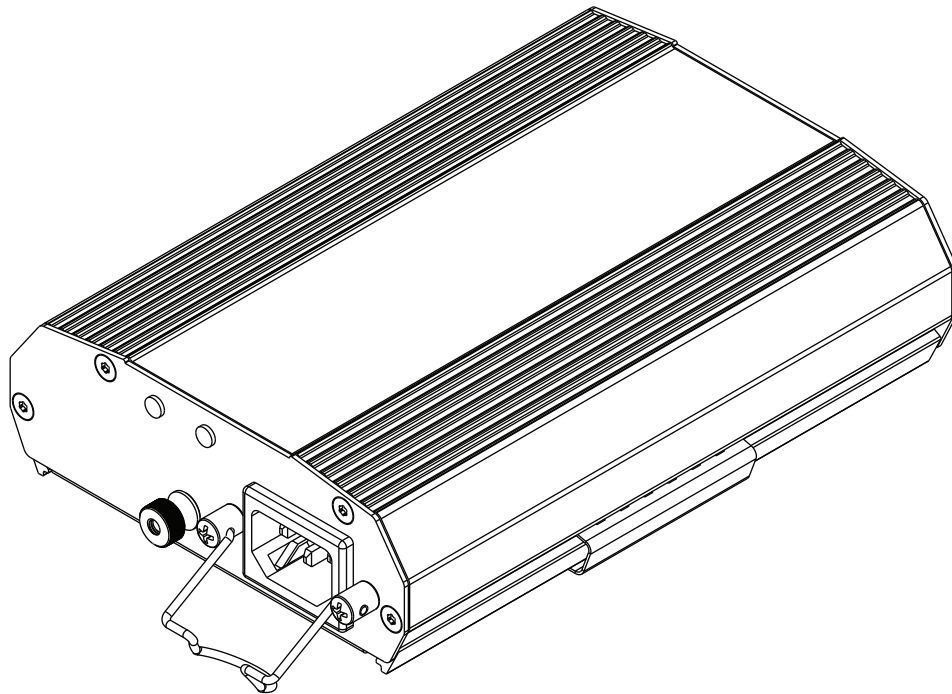


INSTRUCTION SHEET
PD-215
COMPACT MOV SURGE PROTECTION



Thank you for purchasing the PD-215. Please read these instructions thoroughly before installing this product.

PRODUCT FEATURES

The PD-215 is a small-footprint SPD designed to be installed behind digital signage, video monitors, and any location where you have space limitations. Cost effective yet high performance surge protection, EMI filtering, and basic diagnostics in a compact package. LEDs indicate incoming voltage status (over voltage/under voltage), and surge protection status. An internal relay disconnects the load equipment in the event of an over voltage/under voltage condition.

IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS!
CONSERVER CES INSTRUCTIONS!

CAUTION! Failure to read, understand and follow the following information may result in serious personal injury, damage to the equipment or voiding of the warranty.

ATTENTION! *Échec à lire comprendre et suivre les informations suivantes peut entraîner des blessures corporelles graves, des dommages matériels ou annuler la garantie.*

CAUTION! This equipment is not intended to be used in conjunction with life support systems or life saving devices.

ATTENTION! *Cet équipement n'est pas prévu pour être utilisé en conjonction avec les systèmes de survie ou dispositifs de sauvetage.*

CAUTION! Ensure this device is connected to a properly grounded AC power source. Ensure the device is plugged into a source providing the required 120V. Do not use a plug adapter that defeats the ground pin of the AC plug.

ATTENTION! *Assurez-vous cet appareil est connecté à une source d'alimentation A/C avec mise à la terre. Assurez-vous cet appareil est branché sur une source d'alimentation fournissant les nécessaires 120V. Ne pas utiliser un adaptateur qui contrecarre la broche de terre de la prise du cordon d'alimentation.*

CAUTION! Route the power cord and other cables so that they are not likely to be walked on, tripped over, or stressed. Pay particular attention to the condition of the cords and cables at the plugs, and the point where they exit your unit.

ATTENTION! *Acheminez les cordons d'alimentation et les autres câbles de manière à ce qu'on ne puisse pas les écraser ni trébucher sur ceux-ci. Portez une attention particulière à la condition des cordons et des câbles et aux points précis où ils sortent de votre dispositif de conditionnement de l'alimentation.*

CAUTION! To reduce risk of shock, disconnect the device from the power source before servicing any connected equipment.

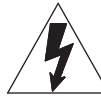
ATTENTION! *Pour réduire les risques d'électrocution, débranchez l'appareil de la source d'alimentation avant l'entretien de tout équipement connecté.*

CAUTION! Do not overload this device. Ensure the total load to this device does not exceed that which is listed in the specifications section of this manual.

ATTENTION! *Ne pas surcharger cette appareil. S'assurer que la charge totale à cet appareil ne dépasse pas celle qui est répertoriée dans la section des spécifications de ce manuel.*

CAUTION! There are no user-serviceable components within this device. Removal of the cover from this device may present a shock hazard, and void the warranty.

ATTENTION! *Il n'y a pas de composants réparables par l'utilisateur au sein de cet appareil. Retrait de la couverture de cet appareil peut présenter un danger d'électrocution et annuler la garantie.*



DANGER HAZARDOUS VOLTAGE/DANGER HAUTE TENSION

The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

L'éclair avec le symbole de flèche dans un triangle équilatéral est destiné à alerter l'utilisateur de la présence d'une tension dangereuse non isolée dans l'enceinte du produit qui peut être d'une ampleur suffisante pour constituer un risque de choc électrique pour les personnes.



CAUTION/ATTENTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Le point d'exclamation dans un triangle équilatéral est destiné à alerter l'utilisateur de la présence d'importantes instructions d'opération et de maintenance (entretien) dans la documentation accompagnant l'appareil.

CAUTION! Do not install this device if there is not at least 30 feet (10 meters) or more of wire between the electrical outlet and the electrical service panel.

ATTENTION! *Ne pas installer cet appareil s'il n'y a pas au moins 30 pieds (10 mètres) ou plus de fil entre la prise électrique et le panneau de service électrique.*

To be used indoors in a dry location only.

Pour être utilisé en intérieur dans un endroit sec seulement.

Do not operate with a damaged cord or plug.

Ne pas faire fonctionner avec un cordon ou une prise endommagée.

Clean only with dry cloth.

Nettoyer avec un chiffon sec seulement.

REGULATORY COMPLIANCE

The product meets the requirements of the following standards:

UL 1449, UL 1283

CSA C22.2 No. 8, General instruction Nos. 1, 2 and 3 with TIL 516

CAN ICES-3(B)/NMB-3(B)

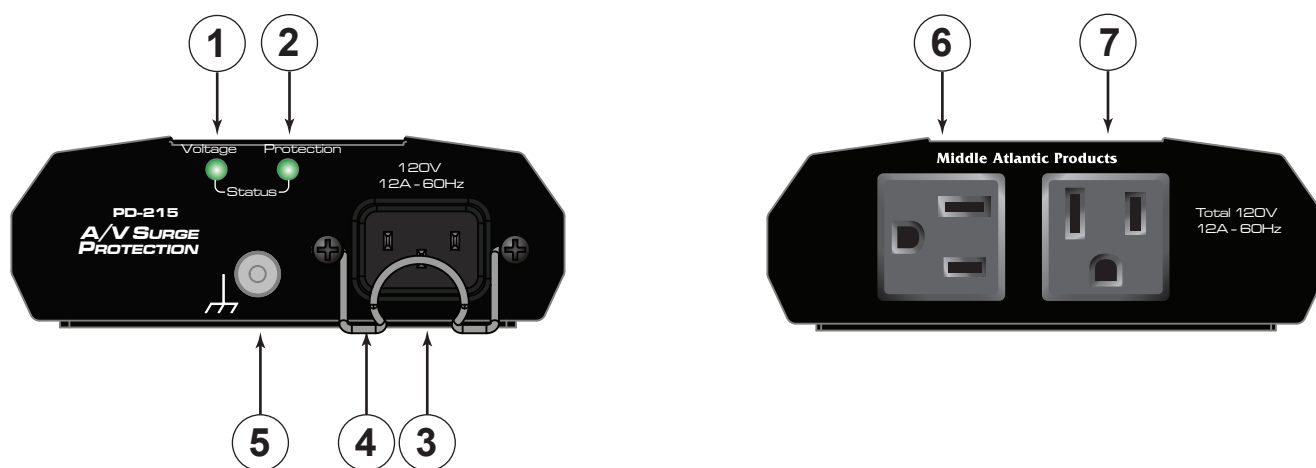
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

HARDWARE KIT

<u>POWER CORD</u>	<u>QTY</u> 1	<u>DRYWALL ANCHOR</u>	<u>QTY</u> 2
<u>MOUNTING BRACKET</u>	<u>QTY</u> 1	<u>DRYWALL SCREWS</u>	<u>QTY</u> 2
<u>FLATHEAD MOUNTING SCREW</u>	<u>QTY</u> 2		
<u>BLOCK NUT</u>	<u>QTY</u> 2		

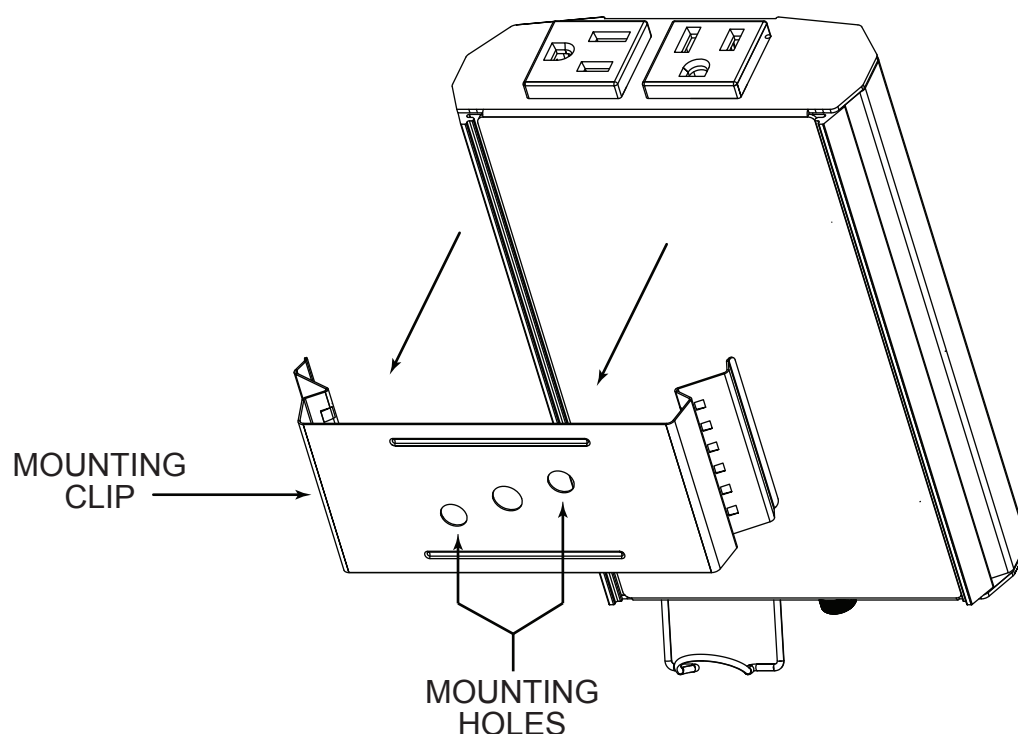
FEATURE SET



- ① **VOLTAGE STATUS LED:** Illuminates green if voltage is within range. Illuminates red if over/under voltage.
 - Over Voltage Threshold: Upper Limit Cutoff (135V) - Upper Limit Restore (126V)
 - Under Voltage Threshold Lower Limit Cutoff (100V) - Lower Limit Restore (105V)**NOTE:** If limit exceeded, the internal relay will open to protect the unit.
- ② **MOV (PROTECTION) STATUS LED:** Illuminates green if protected, alternates between red/green if one MOV has failed, illuminates constant red if unprotected (all MOVs failed).
- ③ **POWER CORD INLET**
- ④ **POWER CORD SECUREMENT CLIP**
- ⑤ **GROUND/BONDING STUD**
- ⑥ **HORIZONTAL OUTLET:** 12 AMP/120 VOLT/60 Hz outlet.
- ⑦ **VERTICAL OUTLET:** 12 AMP/120 VOLT/60 Hz outlet.

INSTALLATION

- 1) Install mounting clip into desired location using the outer two provided screw holes.
- 2) Insert the PD-215 into the mounting clip.



WARRANTY

Middle Atlantic Products, Inc. (the "Company") warrants the PD-215 to be free from defects in material or workmanship under normal use and conditions for a period of (3) three years from date of shipment by the Company.

The Company's entire liability to the purchaser, and the purchaser's (or any other party's) sole and exclusive remedy, under this warranty shall be limited, at the Company's option, to either (a) return of and refund of the price paid for, or (b) repair or replacement at the Company's factory of the products purchased, or any part or parts thereof, which the Company has determined to be defective after inspection thereof at the Company's factory. This warranty does not cover damage due to acts of God, accident, misuse, abuse or negligence by parties other than the Company, or any modification or alteration of the products. In addition, this warranty does not cover damage due to improper handling, assembly, installation or maintenance.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF THE PRODUCTS PURCHASED, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE COMPANY'S LIABILITY TO THE PURCHASER (OR ANY OTHER PARTY) HEREUNDER, IF ANY, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCTS PAID TO THE COMPANY.

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