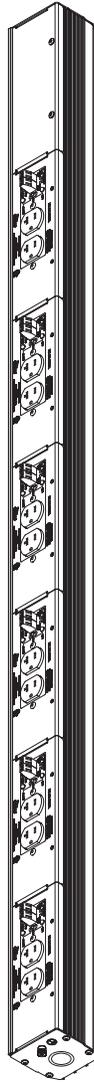


INSTRUCTION SHEET  
**PCR SERIES**  
PRE-CONFIGURED RACEWAY



**PCR6A SHOWN**

**THANK YOU**

Thank you for purchasing the PCR6A/PCR-2X320A Pre-Configured Raceway. Please read these instructions thoroughly before installing this product.

**PRODUCT FEATURES**

- Factory assembled raceway saves assembly time.
- Includes six advanced RLM Series 20 Amp duplex modules.
- Each module can be controlled using Middle Atlantic Products USC-6R or MPR-SEQA sequencers, or other controllers that provide contact closure.

## WARNING !

- ⚠ Equipment contains hazardous voltages - to prevent the risk of electrocution, installation and service must be performed by qualified personnel only.
- ⚠ For use indoors in dry locations only.
- ⚠ Unit may contain multiple feeder circuits. Disconnect all feeder circuits prior to replacing modules.
- ⚠ Individual modules do not contain any user serviceable parts inside.
- ⚠ Power circuits do not contain internal overload protection. Branch circuit overload protection required.

## INSTALLATION

1) Mount the PCR as shown. (FIGURE A)

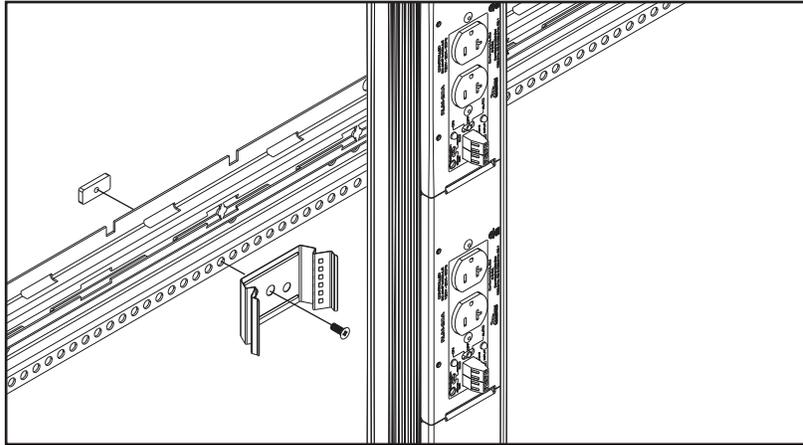


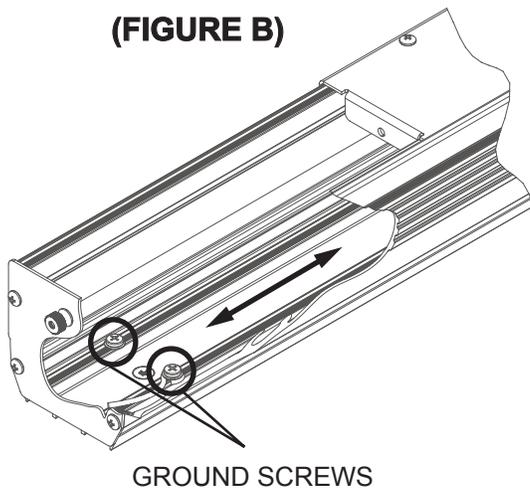
FIGURE A

2) Ground wire must be connected to the ground screw. (FIGURE B)

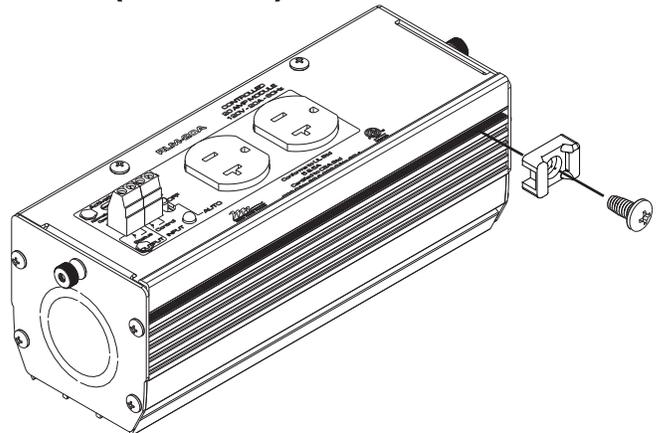
NOTE: There are two grounding screws in the J-box of the raceway. One is for module grounding, the other is for facility grounding. They are interchangeable, and can be moved up or down.

NOTE: Modules come with a tie saddle and screw for cable management. The tie saddle can be mounted to the outer/uppermost slot as shown. (FIGURE C)

(FIGURE B)

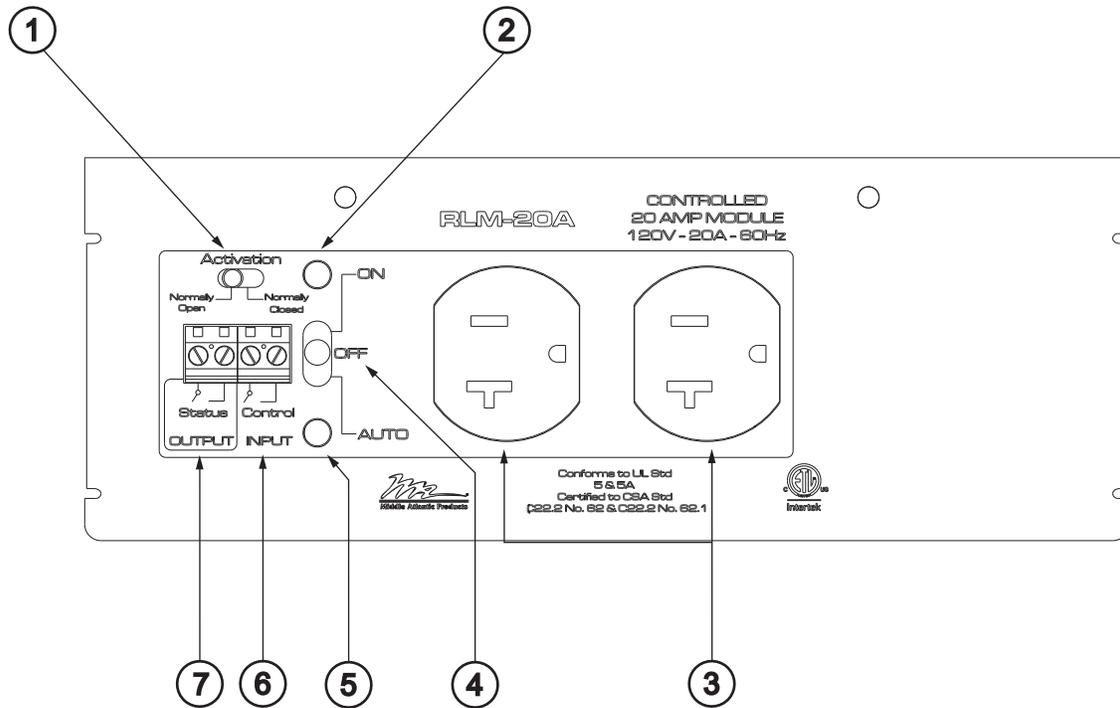


(FIGURE C)



SIDE REMOVED FOR CLARITY

## FUNCTIONS



RLM-20A  
(PCRs contain six modules)

- ① **CONTACT CONTROL SELECTOR SWITCH:** Allows the customer to choose to control the module using either a 'normally open' or 'normally closed' dry contact. Factory default setting is 'normally open'.
- ② **GREEN STATUS LED:** This will illuminate whenever the power and status relays are energized.
- ③ **DUPLEX RECEPTACLE:** All Modules contain one duplex receptacle.
- ④ **CONTROL SWITCH:** Three position slide switch.  
**POSITION #1: AUTO** - The receptacle will be energized when contact closure is supplied.  
**POSITION #2: OFF** - The receptacle will not respond to any contact closure. The module cannot be energized in the OFF position.  
**POSITION #3: ON** - The receptacle will be energized and contact closure will have no effect.
- ⑤ **YELLOW STATUS LED:** This will illuminate whenever the control switch is in the AUTO position. This is an indication that the internal power supply is functioning and that the module will respond to a contact closure.
- ⑥ **CONTROL TERMINALS:** These terminals activate the receptacle with a contact closure. The control power is provided by the modules internal 12V DC power supply.
- ⑦ **STATUS TERMINALS:** These terminals are connected to the modules isolated internal status relay contacts. These relay contacts are closed whenever the receptacle is on. These contacts will handle up to .5 amps and can be connected to indicators as required.



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# Middle Atlantic Products

## **WARRANTY**

Middle Atlantic Products, Inc. (the "Company") warrants the PCR Series Pre configured Raceway 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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**At Middle Atlantic Products we are always listening. Your comments are welcome.**