

INSTRUCTION SHEET

RLM30-L5X0-1





STAND ALONE POWER MODULE



THANK YOU

Thank you for purchasing the RLM30-L5X0-1 Stand Alone Power Module. Please read these instructions thoroughly before installing this product.

WARNING

-  Modules do not contain any user serviceable parts inside.
-  For use indoors in dry locations only.
-  Refer to instructions, provided with the equipment, for proper installation and servicing.
-  Equipment contains hazardous voltages - to prevent the risk of electrocution, installation and service must be performed by qualified personnel only.

CONNECTING POWER

The RLM30 Series remote control modules must be "hard wired". The unit incorporates three combination 1/2" & 3/4" knockouts for connecting field wiring conduit connections. The knockouts are located on the bottom and both sides of the junction box area.

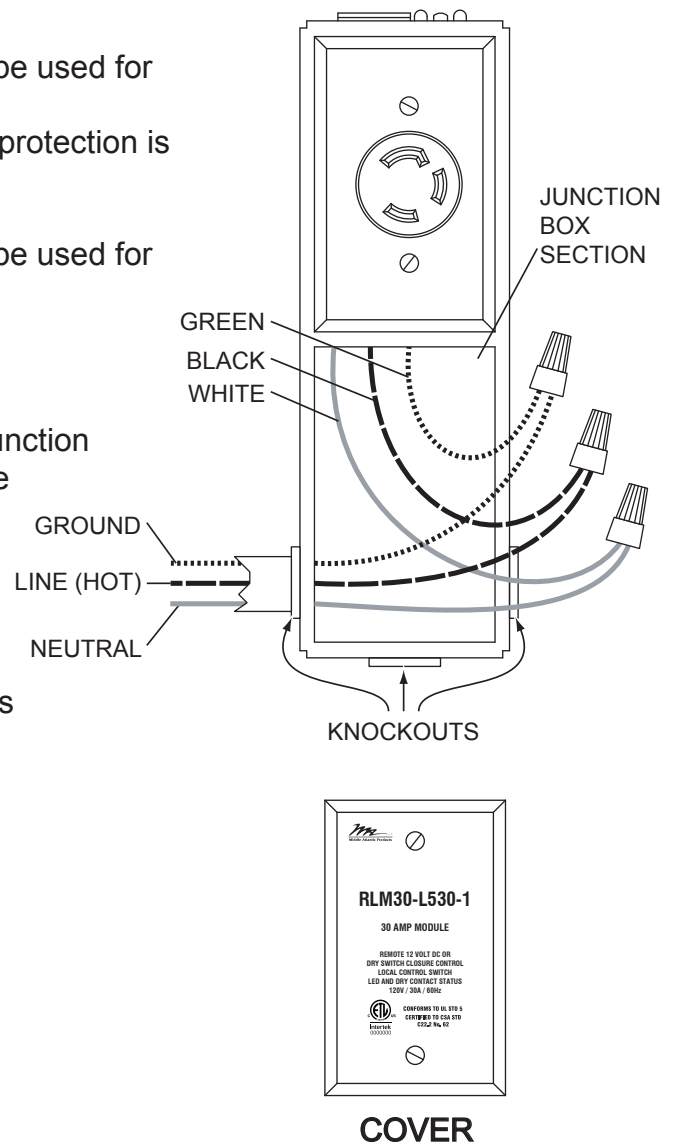
RLM30-L530-1 - 10 Gauge wiring (minimum) must be used for feeder wiring
- 30 Amp (maximum) branch circuit protection is required.

RLM30-L520-1 - 12 Gauge wiring (minimum) must be used for feeder wiring
- 20 Amp (maximum) branch circuit protection is required.

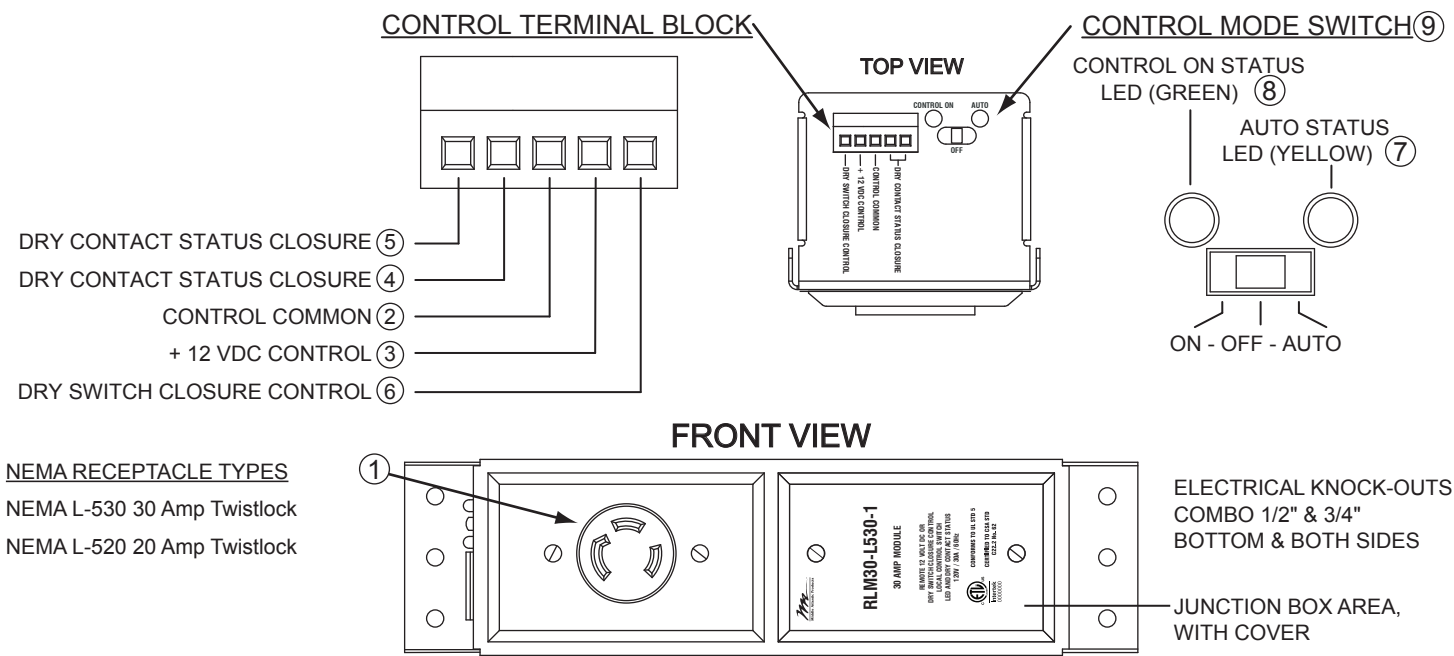
Field wiring connections are to be terminated in the junction box section of the module, using appropriate size wire nuts. (not included)

CONNECT TO 120 VOLTS A.C. (NOMINAL), 60 HZ ONLY

- 1) Remove cover from module by removing 2 screws on face.
- 2) Feed wiring through knockouts and connect wires as shown.
- 3) Place all wires back inside module and reattach cover.



30 AMP MPR SERIES STAND ALONE POWER MODULES



NOTE: Mounts to rack or any flat surface using customer supplied hardware.

- ① Modules contain one receptacle. There are 2 types available:
 A. NEMA L-530 B. NEMA L-520
- ② This is a "common" terminal. It is the connection point for the - 12VDC when controlling the module with 12VDC (working in conjunction with ③). This is also one side of a "dry switch closure", when controlling the module with a switch closure (working in conjunction with ⑥).
- ③ This is the + terminal. It is the connection point for the +12VDC (when controlling the module with 12VDC).
- ④⑤ These terminals are connected to the module's 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 used as feedback for controllers or status indicators, etc.
- ⑥ This terminal works in conjunction with terminal ②. These terminals (②+⑥) will control the modules with a simple dry switch closure. The control power is conveniently provided by the module's internal 12VDC power supply.
- ⑦ Yellow status LED. This will illuminate whenever the control mode switch ⑨ is in the "Auto" position. This is an indication that the internal power supply is functioning and that the module will respond to a dry contact closure.
- ⑧ Green status LED. This will illuminate whenever the status relays are energized.
NOTE: This LED may be illuminated when there is no power source and only the status relay is energized.
- ⑨ Control mode Switch. This is a local 3 position slide switch
 Position #1 **Auto** - the module will activate "on" when a 12V control signal or dry contact is supplied.
 Position #2 **Off** - the module will not respond to any control signal, and the module will not be activated.
 Position #3 **On** - the module will be activated "on" and control signals will have no effect.

WARRANTY

Middle Atlantic Products, Inc. (the "Company") warrants the RLM30-L5X0-1 Stand Alone Module 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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