Next Generation
MPR Series
modular raceway system

features:
- Lightweight raceway with back-mount support clip that allows mounting in any position on a vertical or horizontal axis
- Raceway available in any of (4) standard lengths or can be cut to any custom length of 2” increments. See chart on next page for usable mounting space.
- Modules can be positioned anywhere along the raceway in 2” increments
- Basic and controlled (dry contact) power modules available in 15A, 20A & 30A
  - USC-6R, MPR-SEQA, MPR-SEQ-1CA or any maintained dry contact can be used for control
- Standard and isolated ground modules
- NEMA, IEC, Twist-lock, and Neutrik receptacles
- Convenient genderless connectors ensure fast & safe assembly (no hardwired inter-chassis connections)
- An open deep raceway, with no cross divider interference ensures fast and easy assembly
  - Threaded grooves along length of extrusion allow attachment of cable management ties for low voltage control
- Multiple junction box options supports different wiring applications & circuit termination capacity
- Laser Knock-Outs (LKO) in end caps for power connections
- Custom laser engraving available
- Standalone modules available (remote access)

MPR modular raceways shall be Middle Atlantic Products model # MPR-xA (x = number 8” of modules accommodated) (See chart prior to determining x). Power modules shall be RLM-xxA, or M-xxA (refer to chart). Isolated ground outlets shall be available, suffix part with IG (ex. RLM-20IGA). Stand-alone power modules shall be RLM-xx-1CA and shall include a 9.5’ SignalSAFE™ power cord with NEMA 5-15P plug or 5-20P plug. (See chart to determine which stand-alone power modules are suitable for your application). The MPR, RLM and M series shall be finished in durable black powder coat. MPR components shall be ETL Listed to UL Standard 5 and CSA C22.2 No.62 separately and as a system in the US and Canada. MPR shall comply with the requirements of RoHS EU Directive 2011/65/EU. MPR shall be manufactured by an ISO 9001 registered company. MPR components shall be warrantied to be free from defects in material and workmanship under normal use and conditions for a period of 3 years.

options:
- JMS-12X6 Master / Slave Jumpers allow economical M Series modules to be switched remotely by an RLM Series module. Sold in packs of 6.
- MPR-SS transient voltage surge suppressor prevents protection when mounted in raceways.
- J-XX6 Jumpers contain convenient genderless jumpers on each end. Sold in packs of 6 (x = jumper length) (See chart to determine which jumpers are suitable for your application).
- T-XX6 Tails contain a convenient genderless jumper on one end and wire-tails for J-box connection on the other. Sold in packs of 6 (x = tail length) (See chart to determine which tails are suitable for your application).
- MPR-BL__A, blank covers, available in 2”, 4” or 8” lengths (refer to chart)
- MPR-SEQA six-step sequencer fits in module opening of MPR raceway (See A&E spec sheet # 96-01062).
- MPR-JB__Junction Boxes available (refer to chart).
- 8” ground wires with termination rings for grounding stud shall be model G-8X10. Sold in packs of 10.

specifications:
- MPR-20-1C stand-alone models include integral chassis box and power cord
- Modules mount in MPR raceways
- Interconnect modules with our unique genderless connector, quick and safe - no hard wiring required

Customizable specification clips available at middleatlantic.com
MPR Series
next generation modular power raceways

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

• All MPR Series Raceways contain an integral J-box with cover
• All MPR Series Raceways feature electrical knockouts (1/2" and 3/4") on each end
• Mounting: quick clip (see details), 2 supplied per strip (MPR-3A), 3 supplied per strip (MPR-6A, 8A, and 9A)
• Use indoors in dry location only

<table>
<thead>
<tr>
<th>Part #</th>
<th>Chassis Length</th>
<th>Usable Module Mounting Space Using Integral J-Box</th>
<th>Usable Module Mounting Space Using Optional J-Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPR-3A</td>
<td>32&quot; [813]</td>
<td>24&quot; [610]</td>
<td>32&quot; [813]</td>
</tr>
<tr>
<td>MPR-6A</td>
<td>56&quot; [1422]</td>
<td>48&quot; [1219]</td>
<td>56&quot; [1422]</td>
</tr>
<tr>
<td>MPR-8A</td>
<td>72&quot; [1829]</td>
<td>64&quot; [1626]</td>
<td>72&quot; [1829]</td>
</tr>
<tr>
<td>MPR-9A</td>
<td>80&quot; [2032]</td>
<td>72&quot; [1829]</td>
<td>80&quot; [2032]</td>
</tr>
</tbody>
</table>

Note: sizes shown are typical, other lengths available in any length in 2" increments
J series jumpers connect power modules, providing AC power to all modules on the same circuit. Jumpers are made from 65 strand, 12-gauge MTW wire for ease in routing. Pre-terminated jumpers feature convenient genderless 30A connectors at both ends and are sold in packs of six.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Jumper Length</th>
<th>Wire Specifications</th>
<th>Termination</th>
<th>Packaging</th>
<th>Use When</th>
</tr>
</thead>
<tbody>
<tr>
<td>J-12X6</td>
<td>12&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>30A connector on each end</td>
<td>sold in packs of six</td>
<td>interconnecting modules not more than 8&quot; apart</td>
</tr>
<tr>
<td>J-24X6</td>
<td>24&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>30A connector on each end</td>
<td>sold in packs of six</td>
<td>interconnecting modules not more than 16&quot; apart</td>
</tr>
<tr>
<td>J-72X6</td>
<td>72&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>30A connector on each end</td>
<td>sold in packs of six</td>
<td>interconnecting modules more than 16&quot; apart</td>
</tr>
</tbody>
</table>

T series tails connect incoming power to a single circuit within a raceway. Tails are made from 65 strand, 12-gauge MTW wire for ease in routing. One tail required per circuit. Each tail features a pre-terminated 30A connector that plugs in to a module at one end, and wire tails for J-box connection on the other. Sold in packs of six.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Jumper Length</th>
<th>Wire Specifications</th>
<th>Termination</th>
<th>Packaging</th>
<th>Use When</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-24X6</td>
<td>24&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>connector one end, tails on the other</td>
<td>sold in packs of six</td>
<td>connecting modules not more than 16&quot; from J-Box</td>
</tr>
<tr>
<td>T-80X6</td>
<td>80&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>connector one end, tails on the other</td>
<td>sold in packs of six</td>
<td>connecting modules more than 16&quot; from J-Box</td>
</tr>
</tbody>
</table>

JMS series master / slave jumpers allow economical M series modules to be switched remotely by an RLM series module.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Jumper Length</th>
<th>Wire Specifications</th>
<th>Termination</th>
<th>Packaging</th>
<th>Use When</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMS-12X6</td>
<td>12&quot;</td>
<td>12-gauge MTW, 20 amp</td>
<td>connector on one end, connector plus push-on terminal on the other</td>
<td>sold in packs of six</td>
<td>connecting M series modules to be switched remotely by an RLM or R series module</td>
</tr>
</tbody>
</table>

Interconnect modules with our unique genderless connectors - no hard wiring required!

included mounting method

quick-clip (2 provided on MPR-3A; 3 provided for larger sizes)
Full-featured RLM Series Modules can be switched remotely via contact closure by any control system that provides normally open, normally closed, maintained control, as well as with the local switch provided (factory default is normally open). Units provide contact closure status output, and include a local status LED. M Series Modules are always on and cannot be switched remotely unless used in conjunction with a RLM Series module and JMS Series master / slave jumper. Modules with remote control shall be controlled by the Middle Atlantic USC-6R controller, MPR-SEQA sequencer or by any control system that provides contact closure outputs (depending on module selected).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Max. Load (Amps)</th>
<th>Description</th>
<th>Status Indication</th>
<th>Control</th>
<th>Outlets</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLM-15A</td>
<td>15</td>
<td>Controlled module</td>
<td>LED and contact closure</td>
<td>Local and remote control</td>
<td>(2) 5-15R</td>
<td>8&quot; [203]</td>
</tr>
<tr>
<td>RLM-20A</td>
<td>20</td>
<td>Controlled module</td>
<td>LED and contact closure</td>
<td>Local and remote control</td>
<td>(2) 5-20R</td>
<td>8&quot; [203]</td>
</tr>
<tr>
<td>RLM-20IGA</td>
<td>20</td>
<td>Controlled module</td>
<td>LED and contact closure</td>
<td>Local and remote control</td>
<td>(2) 5-20R IG</td>
<td>8&quot; [203]</td>
</tr>
<tr>
<td>FC-4A</td>
<td>1.5A</td>
<td>Proportional speed Thermostatic fan control</td>
<td>Power LED and fan speed LED</td>
<td>Temperature probe and always on</td>
<td>(4) 1-15R</td>
<td>8&quot; [203]</td>
</tr>
<tr>
<td>MPR-SEQA</td>
<td>0.5A switching 1.2A carry, per channel</td>
<td>6 Channel sequencer Dry contact output</td>
<td>Power LED and LED per channel</td>
<td>Local and remote control</td>
<td>Terminal block/ Dry contact (6 channels)</td>
<td>8&quot; [203]</td>
</tr>
<tr>
<td>RLM-30TL-HWIGA</td>
<td>30</td>
<td>Controlled module</td>
<td>LED and contact closure</td>
<td>Local and remote control</td>
<td>(1) 15-30R-IG</td>
<td>8&quot; [203]</td>
</tr>
</tbody>
</table>

Note: all modules operate at 120 VAC, 60Hz.
## MPR Series

**Series Protection™ modules**

Dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

### Part # | Max. Load (Amps) | Description | Status Indication | Control | Outlets | Length
--- | --- | --- | --- | --- | --- | ---
M-15A-SP | 12 | always on or JMS jumper* | controlled module | LED and contact closure | local and remote control | 12 [305]
M-20A-SP | 16 | always on or JMS jumper* | controlled module | LED and contact closure | local and remote control | 12 [305]

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### UAE PATENT # 8,947,844

COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

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## MPR Series
always on modules

### Part Specifications
<table>
<thead>
<tr>
<th>Part #</th>
<th>Max. Load (Amps)</th>
<th>Control</th>
<th>Input Voltage</th>
<th>Circuits</th>
<th>Outlets</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-15A</td>
<td>15</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1</td>
<td>(2) 5-15R</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-20A</td>
<td>20</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1</td>
<td>(2) 5-20R</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-20IGA</td>
<td>20</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1</td>
<td>(2) 5-20R IG</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-2X15A</td>
<td>15 per circuit</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1 or 2, field configurable</td>
<td>(4) 5-15R</td>
<td>8” [203]</td>
</tr>
<tr>
<td>M-2X20A</td>
<td>20 per circuit</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1 or 2, field configurable</td>
<td>(4) 5-20R</td>
<td>8” [203]</td>
</tr>
<tr>
<td>M-2X20IGA</td>
<td>20 per circuit</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1 or 2, field configurable</td>
<td>(4) 5-20R IG</td>
<td>8” [203]</td>
</tr>
<tr>
<td>M-15IECA</td>
<td>15</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1</td>
<td>(3) C-13</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-20IECA</td>
<td>20</td>
<td>Always on or JMS jumper *</td>
<td>120 VAC 60Hz</td>
<td>1</td>
<td>(1) C-19</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-20TL-HWA</td>
<td>20</td>
<td>Always on</td>
<td>120 VAC 60Hz</td>
<td>hardwired **</td>
<td>(1) L5-20R</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-30TL-HWA</td>
<td>30</td>
<td>Always on</td>
<td>120 VAC 60Hz</td>
<td>hardwired **</td>
<td>(1) L5-30R</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-PCON-20A</td>
<td>20</td>
<td>Always on or JMS jumper *</td>
<td>120/240 VAC 60Hz</td>
<td>1</td>
<td>(1) NAC3MPB</td>
<td>4” [102]</td>
</tr>
<tr>
<td>M-PCON-30HWA</td>
<td>30</td>
<td>Always on</td>
<td>120/240 VAC 60Hz</td>
<td>hardwired **</td>
<td>(1) NAC3MP-HC</td>
<td>4” [102]</td>
</tr>
</tbody>
</table>

* JMS jumpers allow control of "M" modules by an “RLM” module.
** hardwired only not compatible with standard “J” or “JMS” type jumpers or T-type tails.
### MPR Series
junction boxes and blank covers

**junction boxes**

- **end view**
- **top view**
- **side view**

- 3/4" [19] & 1-1/2" [38]
- 1-1/4" [32] & 1-1/2" [38]

**Part #** | **Length** | **Width** | **Height** | **Volume (cu in)**
--- | --- | --- | --- | ---
MPR-JB863A | 8.00 [203] | 6.00 [152] | 3.00 [76] | 129.44 [2121 cu cm]
MPR-JB853A | 8.00 [203] | 5.00 [127] | 3.00 [76] | 107.04 [1754 cu cm]
MPR-JB843A | 8.00 [203] | 4.00 [102] | 3.00 [76] | 84.65 [1387 cu cm]
MPR-JB663A | 6.00 [152] | 6.00 [152] | 3.00 [76] | 95.55 [1566 cu cm]

**blank covers**

- **MPR-BL8A**
- **MPR-BL4A**
- **MPR-BL2A**

* includes 2 qty blank covers

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### MPR Series

**standalone modules**

**Part #** | **Max. Load (Amps)** | **Description** | **Status Indication** | **Control** | **Outlets** | **Power Supply Cord** |
---|---|---|---|---|---|---|
RLM-15-1CA | 15 | controlled module | LED and contact closure | local and remote control | (2) 5-15R | 14-3 5-15P |
RLM-20-1CA | 20 | controlled module | LED and contact closure | local and remote control | (2) 5-20R | 12-3 5-20P |
FC-2-215-1CA | 15 | fan control with 2 always on outlets | power LED and fan speed LED | temperature probe and always on | (2) 1-15R (2) 5-15R | 14-3 5-15P |
FC-4-1CA | 1.5 | proportional speed thermostatic fan control | power LED and fan speed LED | temperature probe and always on | (4) 1-15R | 18-3 5-15P |
MPR-SEQ-1CA | 0.5A switching 1.2A carry, per channel | 6 channel sequencer dry contact output | power LED and LED per channel | local and remote control | terminal block/ dry contact (6 channels) | 14-3 5-15P |

All dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

- **RLM-15-1CA**
- **RLM-20-1CA**
- **FC-2-215-1CA**
- **FC-4-1CA**
- **MPR-SEQ-1CA**

**SignalSafe™ line cord**

**9.5 ft**

**3.00 [76]**

**8.52 [216]**

**8.12 [206]**

**3.30 [84]**

**4.00 [102]**