RackLink™ Series products ensure system reliability and system uptime, providing intuitive setup and operation, pre-emptive problem notification and automatic problem resolution.

RackLink™ power management system

- Easy set up, with simple plug & play installation
- Monitor and log key environmental variables, including input voltage, load current and local temperature
- Tracks and provides instantaneous notification of anomalous voltage, load current and temperature conditions
- Detailed logging of environmental variables and alerts
- Auto Ping monitors remote IP devices and services and can automatically restart an unresponsive network device
- Proactive & automatic fault resolution
- Local control of individual outlets via manual switches
- Integrated web server for browser-based access and control of individual outlets and dry contact outputs
- Open-architecture serial communications protocol provides:
  - 100% cloud compliance, without cloud-dependence; and
  - Seamless integration into any RS-232 or TCP/IP based architecture
- All RackLink™ series products are fully compliant with any control system or content aggregator; drivers available now from select control system partners
- Extend control outside the rack to anywhere in the facility through dry contact outputs

RackLink™ Series power management products shall be Middle Atlantic Products model # RLNK-____ (refer to chart). RackLink power products shall be ___"H x ___"W x ___"D (refer to chart). RackLink shall have a ___ amp power capacity (refer to chart). RackLink shall provide ___ surge protection (Basic, 2-Stage with Status Notification, Series refer to chart). RackLink shall provide ___ total outlets, of which shall be individually controllable. RackLink shall provide ___ total dry contact outputs, of which shall be individually controllable. RackLink shall provide ____ sequencing (refer to chart for applicable models). RackLink shall provide auto-shutdown in over or under voltage events with automatic recovery (refer to chart for applicable models). RackLink shall include a ___ SignalSafe™ power cord (refer to chart). RackLink power products shall monitor and log key environmental variables, including input voltage, load current and local temperature. RackLink shall monitor specific remote IP devices and services and shall automatically reboot an unresponsive network device. RackLink shall provide user-defined alert thresholds for input voltage, load current and local temperature and shall issue e-mail notification on any threshold breach and recovery condition. RackLink shall automatically power down, or power up equipment as required on over-temperature condition. RackLink shall allow local export of log files in CSV format, and shall allow log files to be extracted to 3rd party databases via IP or RS-232. RackLink shall include an integrated web server for browser-based access and control. RackLink shall utilize an open-architecture serial communications protocol that is cloud compliant without being cloud dependant, and provide an API for seamless integration into any RS-232 or IP based architecture. RackLink shall allow remote access and control via devices using the iOS and Android™ operating systems using mobile applications. RackLink shall be fully compliant with any control system or aggregator. RackLink shall extend control to anywhere in the facility through dry contacts. RackLink shall be constructed of phosphate pre-treated steel with a black powdercoat finish. RackLink shall be RoHS EU Directive 2002/95/EC compliant. RackLink shall be manufactured by an ISO 9001 registered company. RackLink shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. Rackmount power strip shall be ETL Listed to UL standard 60950-1 in US and CSA Listed to CAN/CSA C22.2 #60950-1 in Canada.

Customizable specification clips available at middleatlantic.com
RackLink™

**basic dimensions**

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Replacement Part #</th>
<th>Form Factor</th>
<th>Max Load</th>
<th>Rated Load</th>
<th>Surge Protection</th>
<th>Sequencing</th>
<th>Total # of Outlets</th>
<th>Controlled Dry Contacts</th>
<th>Integrated Web Server</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLNK-MON115-NS</td>
<td>RLNK-P415</td>
<td>In-Line Module</td>
<td>15A</td>
<td>12A</td>
<td>Basic</td>
<td>No</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>RLNK-MON120-NS</td>
<td>RLNK-P420</td>
<td>In-Line Module</td>
<td>20A</td>
<td>16A</td>
<td>Basic</td>
<td>No</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>RLNK-SW215-NS</td>
<td>RLNK-P415</td>
<td>In-Line Module</td>
<td>15A</td>
<td>12A</td>
<td>Basic</td>
<td>No</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>RLNK-SW220-NS</td>
<td>RLNK-P420</td>
<td>In-Line Module</td>
<td>20A</td>
<td>16A</td>
<td>Basic</td>
<td>No</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>RLNK-SW715R</td>
<td>RLNK-P915R</td>
<td>Rackmount</td>
<td>15A</td>
<td>12A</td>
<td>2-Stage</td>
<td>No</td>
<td>7</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>RLNK-SW715R-NS</td>
<td>RLNK-P915R</td>
<td>Rackmount</td>
<td>15A</td>
<td>12A</td>
<td>Basic</td>
<td>No</td>
<td>7</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>RLNK-SW620R</td>
<td>RLNK-P920R</td>
<td>Rackmount</td>
<td>20A</td>
<td>16A</td>
<td>2-Stage</td>
<td>No</td>
<td>6</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>RLNK-SW620R-NS</td>
<td>RLNK-P920R</td>
<td>Rackmount</td>
<td>20A</td>
<td>16A</td>
<td>Basic</td>
<td>No</td>
<td>6</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>RLNK-SW415R</td>
<td>RLNK-P415</td>
<td>Half-Rack</td>
<td>15A</td>
<td>12A</td>
<td>Series</td>
<td>Yes</td>
<td>4</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>RLNK-SW415R-SP</td>
<td>RLNK-P915R-SP</td>
<td>Rackmount</td>
<td>15A</td>
<td>12A</td>
<td>Series</td>
<td>Yes</td>
<td>8</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>RLNK-SW815R-SP</td>
<td>RLNK-P920R-SP</td>
<td>Rackmount</td>
<td>20A</td>
<td>16A</td>
<td>Series</td>
<td>Yes</td>
<td>8</td>
<td>8</td>
<td>2</td>
</tr>
</tbody>
</table>

**AC Power**

<table>
<thead>
<tr>
<th>Connection Type</th>
<th>(Rackmount Models) 9 ft. SignalSafe™ Cord (15A / 20A)</th>
<th>(In-Line Models) 3 ft. SignalSafe™ IEC (15A / 20A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Voltage</td>
<td>Nominal: 120VAC</td>
<td>Minimum: 80VAC / Maximum: 140VAC</td>
</tr>
<tr>
<td>Maximum Peak Load</td>
<td>15A models: 15 Amps</td>
<td>20A models: 20 Amps</td>
</tr>
<tr>
<td>Maximum Cont. Load</td>
<td>15A models: 12 Amps</td>
<td>20A models: 16 Amps</td>
</tr>
</tbody>
</table>

**Peak Impulse Current**

- 30,000 Amps, one time
- 19,500 Amps, two times within 5 minutes
- 7,000 Amps, ten times within 2 minutes

**Protection Mode**

Line to Neutral; no ground contamination

**Response Time**

Less than 1 nanosecond

**Surge Energy Dissipation**

711 Joules (10/1,000 micro sec.) (2-stage models) 160 Joules (NS models)

**EMI/RF Suppression**

- >30dB Calculated to Neutral - 100kHz to 1MHz - based on nominal impedance

Listed to UL 60950-1 and CSA C22.2 No. 60950-1

**Series Protection™ Specification**

<table>
<thead>
<tr>
<th>Voltage Protection Rating</th>
<th>330 V (lowest possible rating)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping Voltage</td>
<td>180 VPEAK (nominal line voltage of 132 VAC)</td>
</tr>
<tr>
<td>UL 1449 Adjunct Classification Test Results</td>
<td>1000 surges, 6000 volts, 3000 amp, B3 pulse. Measured suppressed voltage: 170 volts, no failures</td>
</tr>
<tr>
<td>EMI/RF Filter, Normal Mode (60-ohm load)</td>
<td>40 dB @ 100 kHz; 50 dB @ 300 kHz; 50 dB @ 3 MHz</td>
</tr>
<tr>
<td>EMI/RF Filter, Common Mode (60-ohm load)</td>
<td>18 dB @ 300 kHz; 30 dB @ 1 MHz; 50 dB @ 3 MHz</td>
</tr>
<tr>
<td>Maximum Applied Surge Voltage</td>
<td>6000 volts*</td>
</tr>
<tr>
<td>Maximum Applied Surge Current</td>
<td>Unlimited, due to current limiting*</td>
</tr>
<tr>
<td>Maximum Applied Surge Energy</td>
<td>Unlimited, due to current limiting*</td>
</tr>
<tr>
<td>Endurance (C62.41-1991 Category B3 pulses)</td>
<td>3 kW×10,000; 6 kW×1000</td>
</tr>
</tbody>
</table>

*1.2 x 50 μs pulse, industry standard combination wave surge, as per IEEE C62.41

**Event Driven/Responses**

<table>
<thead>
<tr>
<th>Event Driven/Responses</th>
<th>AutoPing No Response/Recovery</th>
<th>Email and/or Control Outlet and/or Dry Contact and/or Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Over/Under Temperature</td>
<td>Email and/or Control Outlet and/or Dry Contact</td>
</tr>
<tr>
<td></td>
<td>Over/Under Input Voltage</td>
<td>Email and/or Control Outlet and/or Dry Contact</td>
</tr>
<tr>
<td></td>
<td>Over/Under Load Current</td>
<td>Email</td>
</tr>
</tbody>
</table>

**Operation Temperature Range**

32 - 140°F (0-60°C)

**Max Thermistor Operating & Measurement Temp**

0-302°F (150°C)

**Humidity Range**

0-96% RH, non-condensing thermistor

**Communication**

- RS-232
- TCP/IP
- HTTP (integrated web server)

**Dimensions**

- Rackmount Models: W 19.25” L 9” H 1.75”
- In-Line Models: 6” x 3” x 2.5” (can be mounted in any orientation)

**Warranty**

- Series Protection™ Models: 12 years limited warranty
- Basic and 2-Stage Surge Models: 3 years limited warranty
RackLink™
rackmount basic dimensions

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

![Diagram of RackLink™ dimensions]

- 17.57 [446]
- 9.625 [244]
- 8.88 [225]

- 19.00 [483]
- 1.74 [44] (Trayspace)

- Alert LED
- Surge status indicators
- Switch guard
- Bonding screw
- Temperature probe
- Dry contact/surge status
- 9600 baud RS232
- 10/100 Fast Ethernet

A Group brand | legrand®
middleatlantic.com | middleatlantic.ca
RackLink™
in-line module basic dimensions

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

half rack basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

RLNK-SW415R-SP

local control
lockout indicator

switch/circuit breaker w/ switch guard

dry contact/surge status
9600 baud RS-232

temperature probe
10/100 fast ethernet

alarm indicator

local control switches

what great systems are built on.™
RackLink™
rackmount w/ Series Protection™ basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

US PATENT # 8,947,844

local control switches
local control lockout indicator
alarm indicator
switch/circuit breaker w/ switch guard

dry contact/surge status
9600 baud RS-232
temperature probe
10/100 fast ethernet
alarm indicator

RLNK-SW820R-SP

19.00 [483]
9.67 [246]
17.25 [438]
9.67 [246]

6