

# Premium+

## Compact PDU with RackLink™

More than power distribution, the Premium+ PDU with RackLink™ is the most advanced - yet simplest - to use IP control solution for Remote System Management in the industry

### features:

- Compact form factor perfect for adding intelligence to digital signage applications
- Simple system setup with advanced capabilities
  - Save programming with integrated scheduling, variable timed sequencing, ping sequencing, auto healing, thresholds, and multiple notification options.
  - Easily connect to control and IT systems with universal compatibility through custom drivers, SNMP v3/MIB, RESTful API, and 3rd party integrations.
  - Configure one PDU or a thousand PDUs in a matter of moments with the ability to save your configuration files
  - Remotely update firmware without having to shut down the PDU, ensuring consistent system uptime
- Best-in-class monitoring, logging, and data reporting for remote system management with a user-friendly interface.
- Industry-leading network security and support of IT protocols for demanding end users
  - SSL/TLS Certificates
  - SSH
  - HTTPS
  - Self-signed certificates
- Compliant with AVIXA Energy Management Standard to support energy efficient AV system design, monitoring and optimization.



### specifications:

Premium+ Compact PDU with RackLink™ Series power management products shall be Middle Atlantic Products model # RLNK-P4\_(15, 20, refer to chart). Premium+ Compact PDU with RackLink™ power products shall be 1.75"H x 11.58"W x 7.82"D. Premium+ Compact PDU with RackLink™ shall have a \_\_\_ (15,20, refer to chart) amp power capacity. Premium+ Compact PDU with RackLink™ shall provide two-stage surge and spike protection. Premium+ Compact PDU with RackLink™ shall provide 4 individually controllable outlets. Premium+ Compact PDU with RackLink™ shall include a 9' power cord. Premium+ Compact PDU with RackLink™ shall monitor specific remote IP devices and services and shall automatically reboot an unresponsive network device and provide alerts via e-mail. Premium+ Compact PDU with 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. Premium+ Compact PDU with RackLink™ shall include an integrated web server for browser-based access and control. Premium+ Compact PDU with RackLink™ shall support the SNMP, SSL/TLS/SSH, SMTP, NTP, DDNS, Cloud, CLI TCIP/IP/USB RS-232, HTTPS, HTTP, HyperTerminal, and Telnet communication protocols. Premium+ Compact PDU with RackLink™ shall support up to 32 external sensors. Premium+ Compact PDU with RackLink™ shall be Wi-Fi capable. Premium+ Compact PDU with RackLink™ shall have an LCD Display. Premium+ Compact PDU with RackLink™ shall support the Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari (MAC) Google Chrome, Android, and iOS web browsers. Premium+ Compact PDU with RackLink™ shall utilize an open-architecture serial communications protocol that is cloud compliant without being cloud dependent, and provide an API for seamless integration into any IP based architecture. Premium+ Compact PDU with RackLink™ shall be fully compliant with any control system or aggregator. Premium+ Compact PDU with RackLink™ shall be constructed of phosphate pre-treated steel with a black powdercoat finish. Premium+ Compact PDU with RackLink™ shall be manufactured by an ISO 9001 and ISO 14001 registered company. Premium+ Compact PDU with RackLink™ shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years (refer to chart). Premium+ Compact PDU with RackLink™ shall be listed to UL standard 60950-1 in US and to CAN/CSA C22.2 #60950-1 in Canada and FCC Part 15, Class B.



whatgreat systems are built on.

A brand of legrand



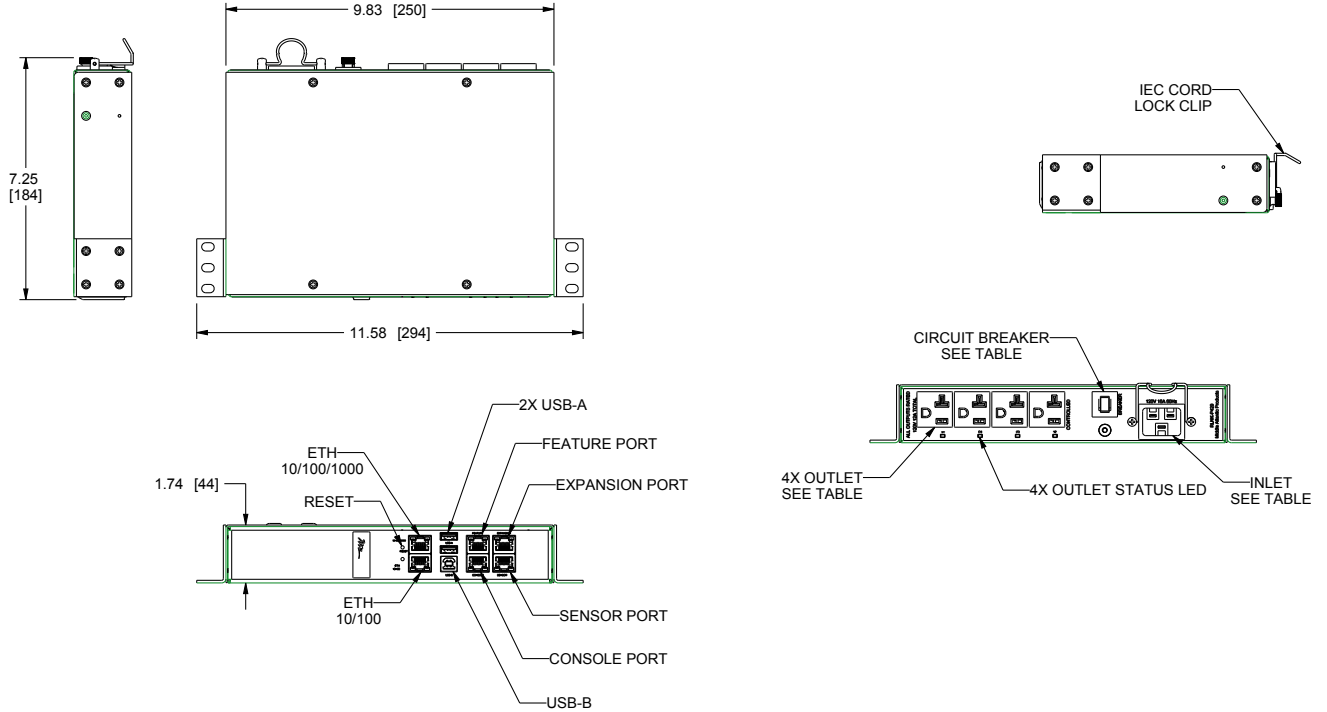
middleatlantic.com | middleatlantic.ca

190181 / rev b / 5-26-20

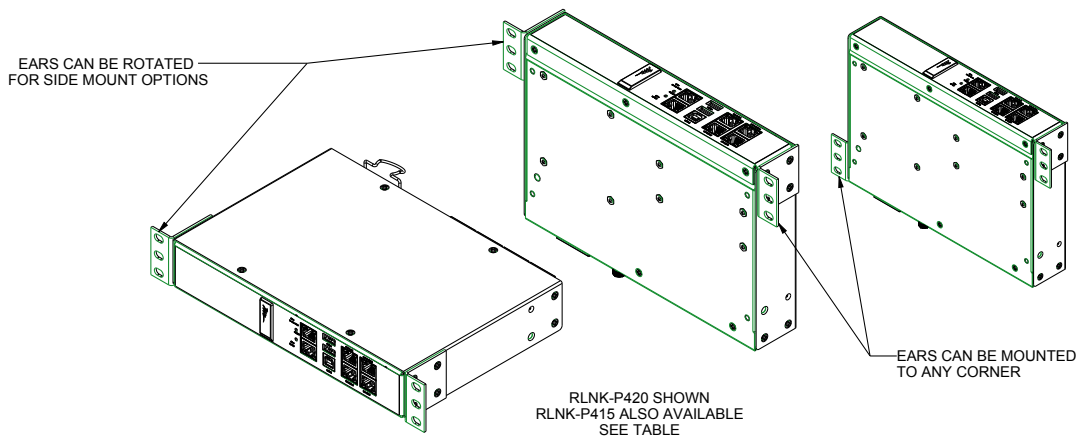
# Premium+

## Compact PDU RackLink™

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



MODEL NUMBER	INLET	OUTLET RATING	CIRCUIT BREAKER	SURGE PROTECTION	CORD LENGTH FT [M]
RLNK-P415	IEC C14, 15A, 120V, 60HZ	12A, 120V AC, 60HZ	15A, PUSH TO RESET	2 STAGE	6 [1.83]
RLNK-P420	IEC C20, 20A, 120V, 60HZ	16A, 120V AC, 60HZ	20A, PUSH TO RESET	2 STAGE	6 [1.83]



# Premium+

## Compact PDU RackLink™

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

		RLNK-P415	RLNK-P420
<b>SUMMARY</b>	Input Voltage	80-140VAC 60/50Hz	
	Full Load Input Current at V AC	120VAC 15A	120VAC 20A
	# of Outlets	4	4
	Output Voltage Range	FIXED +/- 5%	FIXED +/- 5%
	Output MAX Current	15A	20A
	Output Contentious Current	12A	16A
	No Load Power Dissipation	< 1W	< 1W
	Connection Type	9ft. 15A IEC power cord	9ft. 20A IEC power cord
<b>HARDWARE FEATURES</b>	Surge Protection	Two-Stage MOV	Two-Stage MOV
	Peak Impulse Current (8/20uS waveform)	30,000 Amps, one time - Maximum peak impulse current pulse as defined between line and neutral 19,500 Amps, two times within 5 minutes - Maximum multiple impulse current derated per spec	
	Protection Mode	Line to Neutral only; no ground contamination	
	Response Time	Less than 1 nanosecond	
	Surge Enginery Dissipation	711 Joules (10 / 100 micro seconds)	
	EMI/RF Suppression	>20dB Calculated Line to Neutral - 100kHz to 1Mhz - based on nominal impedance	
	External Sensors connection	Up to 32 external sensors	
	Wi-Fi Capable	USB WiFi dongle	
<b>SOFTWARE FEATURES</b>	Communication	SNMP, SSL/TLS/SSH,SMTP,NTP,DDNS,Cloud,CLI TCIP/IP/USB RS-232, HTTPS, HTTP,HyperTerminal, Telnet	
	Discovery	Racklink Discovery Tool	
	LCD display	Yes	
	Network Security	Yes/Certificates	
	Control Functions	8 individual controllable outlets	
	Data Monitoring	Data Logging/Metering	
	Supported Web Browser	Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari(MAC) Google Chrome, Android, and iOS	
	Network Server Status	AutoPing monitoring	
<b>GENERAL</b>	Certifications	UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B	
	Dimensions (WxHxD)	11.58x1.75x7.82	
	Weight	6.6lbs	
<b>WARRANTY</b>	Protection Mode	Standard Rack Mount or Vertical Power 3 years	

For complete warranty information, refer to <http://www.middleatlantic.com/company/about-us.aspx#warranty>

# Premium+

## Compact PDU RackLink™

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

accessories:

### RLNK-TEMP

- Monitors temperature and humidity in your AV system environment
- Daisy-chain up to 32 sensors for limitless design
- Monitor multiple components, multiple location monitoring in the enclosure or full ecosystem monitoring
- 13ft (4m) cable
- Range:
  - -25C to +75C
  - 0% RH to 100% RH
- Accuracy:
  - +/-1°C
  - +/-2.5% RH for 20%-60% @ 25°C



RLNK-TEMP

### RLNK-CONT

- Connect equipment (door handles, alarms, fans, etc.) for control
- Daisy chain up to 32 modules for limitless design
- Two active dry contacts powered by 12V
- Five digital Normally Closed (NC) or Normally Open (NO) contact closures which require customer-provided NC or NO switches
- Each of the five ports (channels) can be independently set to NC or NO, factory default is NC



RLNK-CONT