

NEXSYS™

## Rackmount PDU

### FEATURES

- Available in 15A and 20A
- 9 outlets
- **Protect your equipment from a surge with superior surge protection on all NEXSYS PDUs.** NEXSYS PDU's always have surge protection. Choose from enhanced multi-stage MOV or the patented Series Protection™ Surge technology.
- **Worried about the under/over voltage? Don't.** With the selectable on/off voltage protection from the front of the unit, it gives the option to protect sensitive equipment from over/under voltage scenarios.
  - If the voltage protection is on and an over or under voltage event happens the outlets will automatically be turned off to protect the equipment. Once the power restores within the acceptable voltage range the PDU will automatically turn the outlets back on.
- **Be in the know.** Remote notification of surge status via remote contact closure.
- **IEC Inlet:** Allows for cleaner cable management by selecting your desired length of power cord.
  - A standard 10' cord is included with all models



### SPECIFICATIONS

#### NEXSYS Rackmount

EIA compliant 19" Rackmount power distribution unit shall be Middle Atlantic Products model # PDX-\_\_\_ (refer to chart), with a \_\_\_ amp power capacity (refer to chart), multi-stage MOV surge and spike protection L - N with no surge diversion to ground or patented non-sacrificial Series Surge with EMI filtering. Rackmount power distribution unit shall operate on 120 volt AC 60Hz frequency. Rackmount power distribution unit shall include 10' SignalSAFE™ IEC power cord with NEMA 5-\_\_\_ plug (refer to chart), 8 rear outlets, 1 front outlet, and \_\_\_ amp circuit breaker located on the power distribution unit's rear. Rackmount power distribution unit shall occupy one rackspace unit. Rackmount power distribution unit shall be controllable via contact closure on the rear of the unit and shall have voltage protection with automatic recovery. Rackmount power distribution unit shall be manufactured by an ISO 9001 and ISO 14001 registered company.

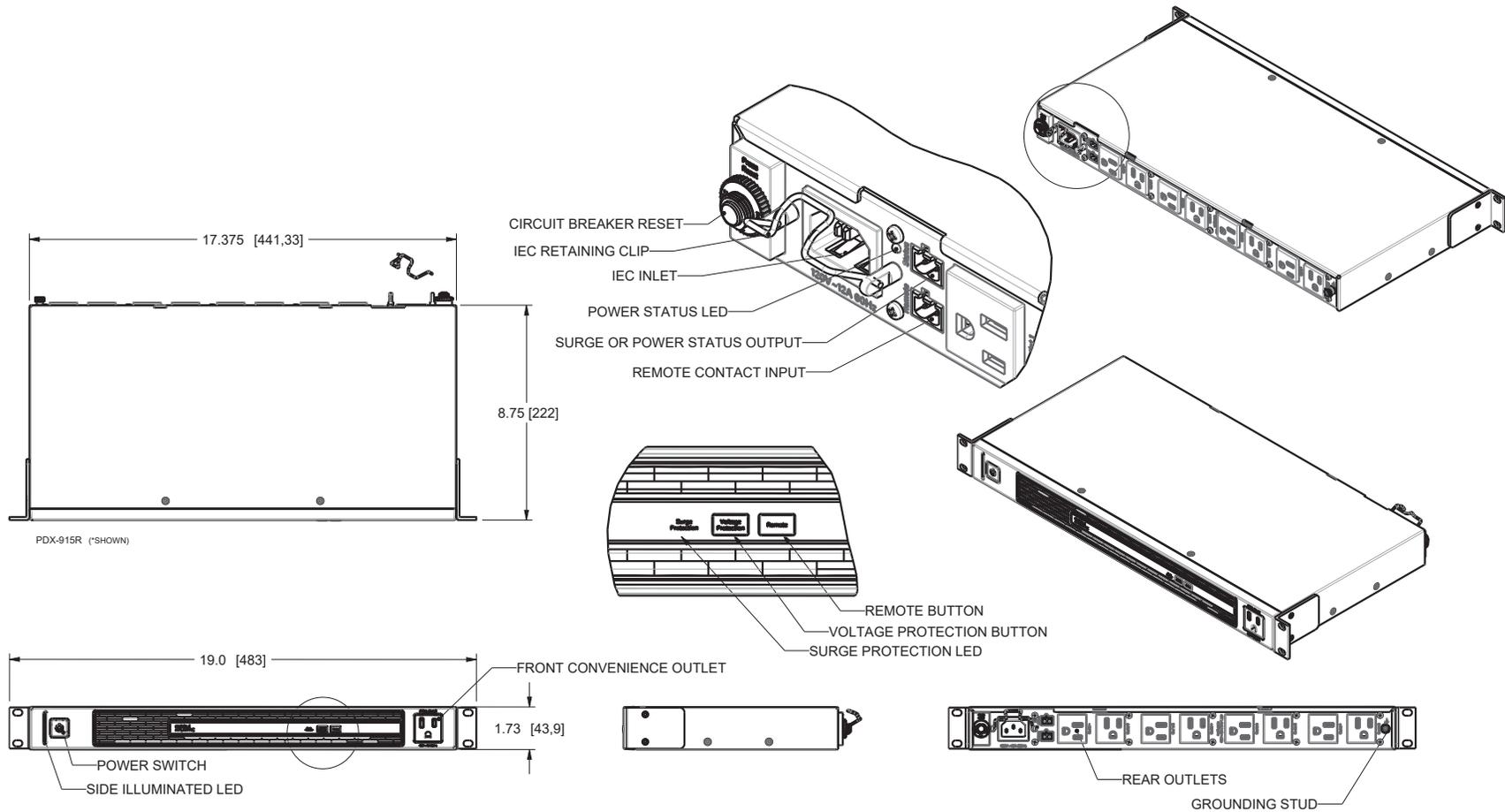
Rackmount power distribution unit shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years (multi-stage MOV surge models) and 12 years (Series Surge models). Rackmount power distribution unit shall be UL Listed to UL 62368, UL 1449, UL 1283 (Series Surge models) and FCC Class B and ICES 7.



# NEXSYS™ Rackmount PDU

## Basic Dimensions

MODEL NUMBER	OUTLETS	RATINGS	SURGE PROTECTION	INLET	CORD LENGTH FT [M]
PDX-915R	9	12A, 120VAC~,60Hz	MULTI-STAGE MOV	IEC C14	10 [3]
PDX-920R	9	16A, 120VAC~,60Hz	MULTI-STAGE MOV	IEC C20	10 [3]
PDX-915R-SP	9	12A, 120VAC~,60Hz	SERIES	IEC C14	10 [3]
PDX-920R-SP	9	16A, 120VAC~,60Hz	SERIES	IEC C20	10 [3]



# Multi-Stage MOV Surge Models

## Electrical Specifications

### Summary

Model	PDX-915R	PDX-920R
Nominal Voltage	120VAC	
Voltage Range	Minimum: 80VAC, Maximum: 140VAC	
Frequency	60 Hz	
Maximum Peak Load	15A	20A
Rated Load	12A	16A
Number of Outlets	9	
Outlet Type	NEMA 5-15R	NEMA 5-20R
Overload Protection	Circuit Breaker	
Outlet Control	Contact Closure	
No Load Power Dissipation	< 1W	
Input Power Cord	SignalSAFE IEC to 5-15P, 10' (3M)	SignalSAFE IEC to 5-20P, 10' (3M)
Certifications	UL 62368, UL 1449, FCC Class B, ICES 7	

### Hardware Features

Model	PDX-915R and PDX-920R
Surge Protection	Multi-Stage MOV
Peak Impulse Current (8/20 $\mu$ S Waveform)	45,000 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 Energy Dissipation	705 Joules (10/100 $\mu$ S)
Voltage Protection Rating	500V (L-N); Type 3 SPD
EMI/RF Suppression	>20dB Calculated Line to Neutral - 100kHz to 1Mhz - based on nominal impedance.
Overvoltage Threshold	Upper Limit Cutoff: 135V RMS Upper Limit Restore: 126V RMS
Undervoltage Threshold	Lower Limit Cutoff: 100V RMS Lower Limit Restore: 105V RMS

# Multi-Stage MOV Surge Models

## Electrical Specifications

### Physical

Model	PDX-915R	PDX-920R
Dimensions (Width x Height x Depth)	19" (483mm) x 1.735" (44mm) x 8.75" (222mm)	
Product Weight	6.84 lbs (3.1 kg)	
Shipping Weight	9.92 lb (4.5 kg)	10.58 lb (4.8 kg)

### Warranty

Model	PDX-915R and PDX-920R
Power Distribution	Three years limited for warranty information, refer to <a href="http://www.legrandav.com/policies/warranty_information">www.legrandav.com/policies/warranty_information</a>

# Series Surge Protection Models

## Electrical Specifications

### Summary

Model	PDX-915R-SP	PDX-920R-SP
Nominal Voltage	120VAC	
Voltage Range	Minimum: 80VAC, Maximum: 140VAC	
Frequency	60 Hz	
Maximum Peak Load	15A	20A
Rated Load	12A	16A
Number of Outlets	9	
Outlet Type	NEMA 5-15R	NEMA 5-20R
Overload Protection	Circuit Breaker	
Outlet Control	Contact Closure	
No Load Power Dissipation	<1W	
Input Power Cord	SignalSAFE IEC to 5-15P, 10' (3M)	SignalSAFE IEC to 5-20P, 10' (3M)
Certifications	UL 62368, UL 1283, UL 1449, FCC Class B, ICES 7	

### Hardware Features

Model	PDX-915R-SP	PDX-920R-SP
Surge Protection	Series	
Voltage Protection Rating	330V (L-N); Type 3 SPD	
Maximum Applied Surge Voltage	6000 Volts (1.2 x 50µS Pulse, Industry Standard Combination Wave Per IEEE C62.41)	
Maximum Applied Surge Current	Unlimited (Due to Inherent Current Limiting)	
Maximum Applied Surge Energy	Unlimited (Due to Inherent Current Limiting)	
EMI Filter, Differential Mode	40dB@100kHz	50dB@100kHz
50Ω Load	50dB@3MHz	50dB@30MHz
EMI Filter, Common Mode	18dB@100kHz	30dB@100kHz
50Ω Load	50dB@3MHz	50dB@30MHz
Overvoltage Threshold	Upper Limit Cutoff: 135V RMS Upper Limit Restore: 126V RMS	
Undervoltage Threshold	Lower Limit Cutoff: 100V RMS Lower Limit Restore: 105V RMS	

# Series Surge Protection Models

## Electrical Specifications

### Physical

Model	PDX-915R-SP	PDX-920R-SP
Dimensions (Width x Height x Depth)	19" (483mm) x 1.735" (44mm) x 8.75" (222mm)	
Product Weight	8.6 lb. (3.9 kg)	
Shipping Weight	11.47 lb. (5.2 kg)	12.35 lb. (5.6 kg)

### Warranty

Model	PDX-915R-SP and PDX-920R-SP
Series Surge Module	Twelve years limited for warranty information, refer to <a href="http://www.legrandav.com/policies/warranty_information">www.legrandav.com/policies/warranty_information</a>