Rackmount Surge Protection Solutions
Superior Protection for Sensitive IT Equipment

Emerson Network Power offers a full line of high quality surge protection devices especially designed to protect sensitive rack-mounted electronics, including your data system equipment. These compact units provide reliable protection from a broad range of power problems while typically using only 1U of rack space.

Islatrol® RM Series 120 VAC Rackmount

This line of AC surge protectors is ideal for protecting the power feeding valuable rack equipment. All models provide ten protected outlets on the back of the unit and two protected convenience outlets on the front. This series provides 40,000 amps of surge current protection and up to 60dB of high-frequency noise filtering. Status LEDs indicate the correct power is coming to the unit, whether the unit is properly grounded and whether the surge components are still in tact. Units are available provided with a digital meter, mounted on the front of the unit monitoring the voltage, current and power of the protected equipment.

Model shown: Islatrol® RM-115-10RM

Features:

- 40kA Surge Protection
- 60db Max Noise Filtering
- 15 & 20A models available
- Power, ground and surge status indicators
- Digital Meter
- Optional Twist Lock Plug
- ANSI/UL 1449 Third Edition
- 1-Year Warranty

Model	Voltage	Amperage	Plug (NEMA)	Receptacles (NEMA)	Digital Meter	Locking Plug
RM-115-10RM	120V	15A	5-15P	5-15R	Yes	No
RM-120-10RM	120V	20A	5-20P	5-20R	Yes	No
RM-120-10RML	120V	20A	L5-20P	5-20P	Yes	Yes

Edco RM-CAT6-POE Series

This line of high-speed data protectors utilizes a three stage hybrid design topology to provide protection to multiple data channels coming into the rack. These products protect expensive IT equipment from damaging high-energy transients. Ideal for network hubs and switches these units are easily mounted in close proximity to the protected equipment.

Model shown: Edco RM-CAT6-48POE

Features:

- Exceeds Category 6 Transmission Values
- Compact 1U Rack Size
- Low Insertion Loss
- Three Stage Hybrid
- Offered in 16 or 48 Channel Protection
- RJ45 Input/Output
- Applications include VoIP Switched and Data Protection
- Replaceable Surge Modules
- Meets Power-Over-Ethernet Requirements
- EMI Shielded Enclosure

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Specifications

Islatrol® RM Series 120 VAC Rackmount		
Rated Voltage		120V
Rated Current		15A & 20A
Peak Surge Current		20kA/mode, 40kA/phase
Response Time		<5ns
EMI/RFI Filtering		60dB Max
LED Indicators		Green – Power On
		Green – Ground OK
		Green – Surge Circuit OK
Digital Meter		Voltage, Amps, Watts, VA, Hz, PF, Kwh, and Clock
Input Power	15A Models	SJT 14/3C Power Cord (15ft) with NEMA 5-15P Plug
	20A Models	SJT 12/3C Power Cord (15ft) with NEMA 5-20P Plug
		NEMA L5-20P Plug - Optional
Output Receptacles	15A Models	Front – (2) NEMA 5-15R
		Back – (10) NEMA 5-15R
	20A Models	Front – (2) NEMA 5-20R
		Back – (10) NEMA 5-20R
Thermal Protection		Thermal Protected MOVs
Overcurrent Protection		Circuit
Dimensions		1.75"H x 19"W x 2.0"D (1U)
Safety Agency		ANSI/UL 1449 Third Edition, Type 3
Warranty		1 year

Edco RM-CAT6-POE Channel Rackmount	
Operating Voltage	57 Volts
DC Breakover Voltage	68 Volts
Operating Current	.15 amps per pin
Insertion Loss	<.1dB
SPD Technology	GDT, SAD, Series PTC
SPC Technology	2-Port Series
Modes of Protection	All Eight Pins Protected Signal High-Low, High-Ground and Low-Ground
Peak Surge Current	10kA @ 8x20μs
Input/Output Connectors	RJ-45 Type
Transmission Speed	10baseT, 100baseT, 1000baseT
Operating Temperature	-40°C to +45°C
Operating Humidity	0-95% Non-Condensing
Response Time	<1ns
Enclosure Type	Al, Conductive Chromate Finish
Dimensions	1.75"H x 19"W x 6.25"D (1U)
Weight	7 lbs. unit/7.6 lbs shipping weight
Warranty	5 years

Emerson Network Power.
The global leader in enabling
Business-Critical Continuity™.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power
- Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services
- **Surge Protection**