

RG-NIS-PA240-54 RG-NIS-PA120-54 Power Supply

DATASHEET

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Highlights

- Universal 90-264VAC input voltage
- Output short circuit, over-current, over-voltage, over-temperature protection
- Wide operating temperature range of -40°C to $+70^{\circ}\text{C}$

Specifications

Specification	RG-NIS-PA120-54	RG-NIS-PA240-54
Dimensions (W x D x H)	35 x 100 x 125mm	52 x 110 x 125mm
Net Weight	0.48kg	0.75kg
Mean Time Between Failure (MTBF)	>150K	>150K
Safety Compliance	EN 62638-1	EN 62638-1
Warranty	3 years	3 years
Power Supply	Nameplate Input Voltage Range: 100-240 V AC Input Voltage Range: 90-264 V AC Input Frequency Range: 50/60 Hz Input Current: 4 A Output Voltage Range: 52.38-55.62 V DC Output Current: 2.2 A	Nameplate Input Voltage Range: 100-240 V AC Input Voltage Range: 90-264 V AC Input Frequency Range: 50/60 Hz Input Current: 3.5 A Output Voltage Range: 52.38-55.62 V DC Output Current: 4.4 A
Power Consumption	≤120W	≤240W
Power Supply Surge Protection	Common mode: 4kV Differential mode: 2kV	Common mode: 4kV Differential mode: 2kV
Number of Fans	Fanless	Fanless
Fan Speed Control	Fanless	Fanless
Acoustic Noise Level	Noiseless	Noiseless
Max. Heat Dissipation	410.4 BTU/hr(220V/50Hz)	820.8 BTU/hr(220V/50Hz)
Operating Temperature	-40 to 70°C (derating: -40 to -20°C, 115VAC :2%/°C 45 to 70°C, 115VAC:2%/°C 50 to 70°C, 230VAC:2%/°C)	-40 to 70°C (derating: -40 to -30°C, 115VAC :4%/°C 45 to 70°C, 115VAC:2%/°C 50 to 70°C, 230VAC:2%/°C)
Storage Temperature	-40 to 85°C	-40 to 85°C
Operating Humidity	5% to 95% RH(non-condensing)	5% to 95% RH(non-condensing)

Specification	RG-NIS-PA120-54	RG-NIS-PA240-54
Storage Humidity	5% to 95% RH(non-condensing)	5% to 95% RH(non-condensing)
Electrostatic Discharge (ESD) Protection	Air discharge: 8kV Contact discharge: 6kV	Air discharge: 8kV Contact discharge: 6kV
Casing	Metal	Metal
Mounting	DIN-rail Mounting	DIN-rail Mounting
LEDs	System: DC OK(Green)	System: DC OK(Green)
Operating Altitude (m)	-500~5000m	-500~5000m
Certification	CE	CE
EMC	EN 55032 IEC61000-4-2 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 EN 61000-4-11 IEC6100-3-2 IEC6100-3-3	EN 55032 IEC61000-4-2 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 EN 61000-4-11 IEC6100-3-2 IEC6100-3-3
Warranty Card	1	1
Gross Weight	0.57kg (packages included)	0.87kg (packages included)
Package Dimensions (W x D x H)	516 x 356 x 195mm	539 x 265 x 180mm

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