

INJ-24A 系列

Gigabit 高功率 IEEE 802.3af/at PoE+ 供電器



特色與優點

- 高功率模式可提供高達 60 W 電力
- DIP 指撥開關配置器和 LED 指示燈，讓 PoE 管理更為簡易
- 3 kV 抗突波保護，滿足惡劣環境應用
- 可靈活選擇安裝模式 A 和模式 B
- 內建 24/48 VDC 升壓器，用於備援雙電源輸入
- -40 至 75°C 操作溫度範圍（-T 型號）

認證



簡介

INJ-24A 是一款 Gigabit 高電量 PoE+ 供電器，並透過乙太網路線將電力與資料傳輸給受電設備。INJ-24A 是專為高電量需求的受電設備而設計，可提供高達 60 瓦的電力，是傳統 PoE+ 供電器的雙倍。此外，它具備 DIP 指撥開關配置器和 LED 指示燈，讓 PoE 管理更為簡易；並支援 24/48 VDC 電源輸入，可用於電力備援，並讓作業更具靈活性。而 -40 至 75°C 的寬溫設計則使 INJ-24 充分滿足各種惡劣的工業應用環境。

規格

Ethernet Interface

10/100/1000BaseT(X) Ports (RJ45 connector)	1 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed
PoE Ports (10/100/1000BaseT(X), RJ45 connector)	1 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed
PoE Pinout	Default: V+, V+, V-, V- for pins 4, 5, 7, 8 (Midspan, MDI, Mode B) Custom DIP switch setting: V+, V+, V-, V- for pins 1, 2, 3, 6 (Endspan, MDI, Mode A)
Standards	IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3af/at for PoE/PoE+ output IEEE 802.3u for 100BaseT(X)

Power Parameters

Input Voltage	24/48 VDC
Operating Voltage	22 to 57 VDC
Input Current	2.71 A @ 24 VDC
Power Consumption (Max.)	Max. 5.29 W full loading without PDs' consumption
Power Budget	Max. 60 W for total PD consumption Max. 60 W for each PoE port
Connection	1 removable 4-contact terminal block(s)

Overload Current Protection	Supported
Reverse Polarity Protection	Supported
Physical Characteristics	
Housing	Metal
IP Rating	IP30
Dimensions	30 x 115 x 78.8 mm (1.19 x 4.53 x 3.10 in)
Weight	245 g (0.54 lb)
Installation	DIN-rail mounting, Wall mounting (with optional kit)
Environmental Limits	
Operating Temperature	INJ-24A: 0 to 60°C (32 to 140°F) INJ-24A-T: -40 to 75°C (-40 to 167°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)
Standards and Certifications	
Safety	UL 508, EN 60950-1
EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV IEC 61000-4-5 Surge: Power: 3 kV; Signal: 3 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF
Freefall	IEC 60068-2-31
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
MTBF	
Time	2,407,739 hrs
Standards	Telcordia (Bellcore), GB
Warranty	
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty
Package Contents	
Device	1 x INJ-24A Series PoE+ injector
Documentation	1 x quick installation guide 1 x product certificates of quality inspection, Simplified Chinese 1 x product notice, Simplified Chinese 1 x warranty card

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