

EDS-208 系列

8 埠入門級非網管型乙太網路交換器



特色與優點

- 10/100BaseT(X) (RJ45 連接器) 、100BaseFX (多模、SC/ST 連接器)
- 支援 IEEE802.3/802.3u/802.3x
- 廣播風暴防護
- 支援 DIN 軌道安裝
- -10 至 60°C 操作溫度範圍

認證



簡介

EDS-208 系列支援 IEEE 802.3/802.3u/802.3x，具有 10/100M、全/半雙工、MDI/MDIX 自動感應 RJ45 連接埠。EDS-208 系列可在 -10 至 60°C 的額定溫度範圍內運作，並且非常堅固耐用，適合任何嚴苛的工業環境。此系列交換器可以輕鬆安裝在 DIN 軌道和配接箱中。由於可安裝在 DIN 軌道上、工作溫度範圍寬，並且具備含 LED 指示燈的 IP30 外殼，這款即插即用的 EDS-208 交換器不僅簡單易用又具可靠性。

規格

Ethernet Interface						
Standards		IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3x for flow control				
10/100BaseT(X) Ports (RJ45 connector)		EDS-208: 8 EDS-208-M-SC: 1 EDS-208-M-ST: 1 Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection				
100BaseFX Ports (multi-mode SC connector)		EDS-208-M-SC: 1				
100BaseFX Ports (multi-mode ST connector)		EDS-208-M-ST: 1				
Optical Fiber				100BaseFX		
				Multi-Mode		Single-Mode
				Fiber Cable Type	OM1	50/125 μm
		800 MHz x km				
		Typical Distance		4 km	5 km	40 km
		Wavelength	Typical (nm)	1300		1310
			TX Range (nm)	1260 to 1360		1280 to 1340
			RX Range (nm)	1100 to 1600		1100 to 1600
		Optical Power	TX Range (dBm)	-10 to -20		0 to -5

Fiber Cable Type		100BaseFX		
		Multi-Mode		Single-Mode
		OM1	50/125 μm	G.652
800 MHz x km				
	RX Range (dBm)	-3 to -32		-3 to -34
	Link Budget (dB)	12		29
	Dispersion Penalty (dB)	3		1

Note: When connecting a single-mode fiber transceiver, we recommend using an attenuator to prevent damage caused by excessive optical power.

Note: Compute the “typical distance” of a specific fiber transceiver as follows: Link budget (dB) > dispersion penalty (dB) + total link loss (dB).

Switch Properties

Processing Type	Store and Forward
MAC Table Size	2 K
Packet Buffer Size	768 kbits

Power Parameters

Input Voltage	12/24/48 VDC
Operating Voltage	9.6 to 60 VDC
Input Current	EDS-208 Models: 0.07 A @ 24 VDC EDS-208-M Models: 0.1 A @ 24 VDC
Connection	1 removable 3-contact terminal block(s)
Overload Current Protection	2.5 A @ 24 VDC
Reverse Polarity Protection	Supported

Physical Characteristics

Housing	Plastic
IP Rating	IP30
Dimensions	40 x 100 x 86.5 mm (1.57 x 3.94 x 3.41 in)
Weight	170 g (0.38 lb)
Installation	DIN-rail mounting

Environmental Limits

Operating Temperature	-10 to 60°C (14 to 140°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 UL 60950-1 EN 62368-1
EMC	EN 55032/35

EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV; Signal: 1 kV IEC 61000-4-6 CS: 3 V IEC 61000-4-8 PFMF
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Freefall	IEC 60068-2-32

MTBF

Time	EDS-208 Models: 3,902,526 hrs EDS-208-M Models: 3,562,556 hrs
Standards	Telcordia (Bellcore), GB

Warranty

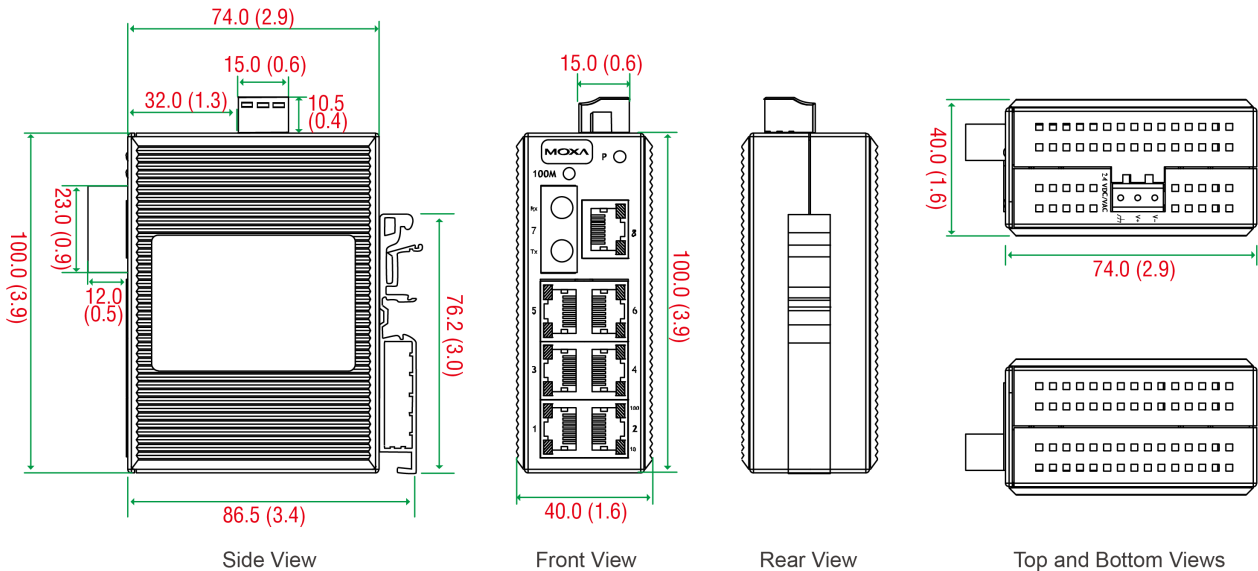
Warranty Period	5 years
Details	See www.moxa.com/warranty

Package Contents

Device	1 x EDS-208 Series switch
Documentation	1 x quick installation guide 1 x warranty card

尺寸

單位：公釐（英吋）



訂購資訊

Model Name	10/100BaseT(X) Ports RJ45 Connector	100BaseFX Ports Multi-Mode ST Connector	100BaseFX Ports Multi-Mode SC Connector	Housing Material	Operating Voltage	Operating Temp.
EDS-208	8	–	–	Plastic	12-48 VDC	-10 to 60°C
EDS-208-M-ST	7	1	–	Plastic	12-48 VDC	-10 to 60°C
EDS-208-M-SC	7	–	1	Plastic	12-48 VDC	-10 to 60°C

配件（選購）

Power Supplies

MDR-40-24	DIN-rail 24 VDC power supply with 40W/1.7A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature
MDR-60-24	DIN-rail 24 VDC power supply with 60W/2.5A, 85 to 264 VAC, or 120 to 370 VDC input, -20 to 70°C operating temperature

Rack-Mounting Kits

RK-4U	19-inch rack-mounting kit
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