EDS-G2005-ELP 系列

塑膠外殼 5 埠入門級非網管型全 Gigabit 乙太網路交換器

特色與優點

- 全 Gigabit 乙太網路連接埠
- 尺寸小巧並容易安裝
- 支援 QoS 在高負荷流量中處理重要資料
- 符合 PROFINET 一致性等級 A
- IP40 等級塑膠外殼

認證

簡介

EDS-G2005-ELP 系列工業級乙太網路交換器具有五個 Gigabit 乙太網路連接埠及塑膠外殼，非常適合需要簡單工業級乙太網路連線的應用。 此外，為了針對不同產業的應用提供更多的彈性，EDS-G2005-ELP 系列允許使用者透過外部面板 DIP 開啟或停用服務品質功能（QoS）和廣播風暴防護（BSP）。

EDS-G2005-ELP 系列具有 12/24/48 VDC 單電源輸入、DIN Rail 鋁軌安裝，以及高等級 EMI/EMC 防護能力。除了小巧的尺寸之外，EDS-G2005-ELP 系列也通過 100% 的高溫測試，確保在部署後能夠穩定運作。EDS-G2005-ELP 系列具有 -10 至 60°C 的標準操作溫度範圍。

EDS-G2005-ELP 系列也符合 PROFINET一致性等級 A (CC-A)，使其適用於 PROFINET 網路。

規格

Ethernet Interface

10/100/1000BaseT(X) Ports (RJ45 connector)	5 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed
Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3ab for 1000BaseT(X) IEEE 802.3x for flow control IEEE 802.1p for Class of Service

Switch Properties

Processing Type	Store and Forward
MAC Table Size	4 K
Packet Buffer Size	1.5 Mbits

DIP Switch Configuration

Ethernet Interface	Quality of Service (QoS)[1], Broadcast Storm Protection (BSP)

1. 啟用 QoS DIP 開關也會同時啟用多點傳播過濾，這將封鎖 LLDP 和 PROFINET PTCP-Delay 流量。

Power Parameters

Connector	1 removable 3-contact terminal block(s)
Input Current	0.21 A (max.)
Input Voltage	12/24/48 VDC
Operating Voltage	9.6 to 60 VDC
Overload Current Protection	Supported
Reverse Polarity Protection	Supported

Physical Characteristics

Dimensions	19 x 81 x 65 mm (0.75 x 3.19 x 2.56 in)
Installation	DIN-rail mounting Wall mounting (with optional kit)
Weight	90 g (0.2 lb)
Housing	Plastic

Environmental Limits

Ambient Relative Humidity	5 to 95% (non-condensing)
Operating Temperature	-10 to 60°C (14 to 140°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)

Standards and Certifications

Safety	UL 61010-2-201 EN IEC 62368-1
EMC	EN 55032/35 EN 61000-6-2/-6-4
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: 1 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 1 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6 IEC 60068-2-64
Freefall	ISTA 1A (with package)

MTBF

Time	3,404,784 hrs
Standards	Telcordia (Bellcore), GB

Warranty

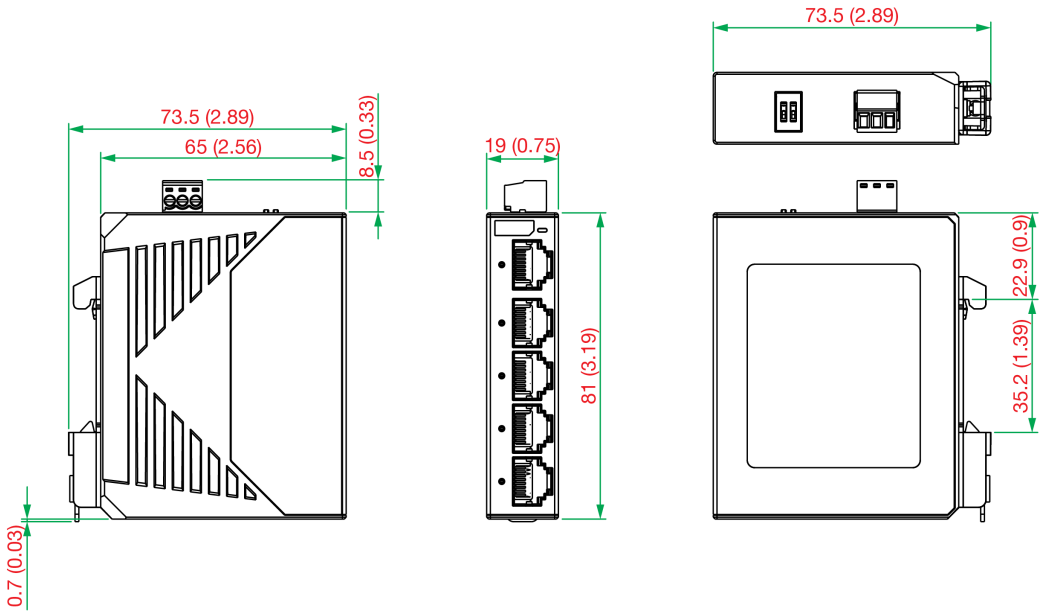
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty

Package Contents

Device	1 x EDS-G2005-ELP 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	10/100/1000BaseT(X) Ports (RJ45 Connector)	Housing	Operating Temp.
EDS-G2005-ELP	5	Plastic	-10 to 60°C

配件（選購）

Power Supplies

HDR-60-24	60 W/2.5 A DIN-rail 24 VDC power supply, universal 85 to 264 VAC or 120 to 370 VDC input voltage, -30 to 70°C operating temperature
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
NDR-120-24	120 W/5.0 A DIN-rail 24 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature
NDR-120-48	120 W/2.5 A DIN-rail 48 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature
NDR-240-48	240 W/5.0 A DIN-rail 48 VDC power supply, universal 90 to 264 VAC or 127 to 370 VDC input voltage, -20 to 70°C operating temperature

Wall-Mounting Kits

WK-18	Wall-mounting kit, 1 plate (18 x 120 x 8.5 mm)

Rack-Mounting Kits

RK-4U	19-inch rack-mounting kit

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