

EDS-2005-ELP 系列

5 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)
- 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
- IP40 等級塑膠外殼

認證



簡介

EDS-2005-ELP 系列工業級乙太網路交換器具有五個 10/100M 網路埠及塑膠外殼，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-2005-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-2005-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-2005-ELP 系列也通過 100% 的高溫測試，確保在布署後能夠穩定運作。EDS-2005-EL 系列具有 -10 至 60°C 的標準操作溫度範圍。

規格

Ethernet Interface

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

Switch Properties

| | |
|--------------------|-------------------|
| Processing Type | Store and Forward |
| MAC Table Size | 8 K |
| Packet Buffer Size | 4 Mbits |

DIP Switch Configuration

| | |
|--------------------|--|
| Ethernet Interface | Quality of Service (QoS), Broadcast Storm Protection (BSP) |
|--------------------|--|

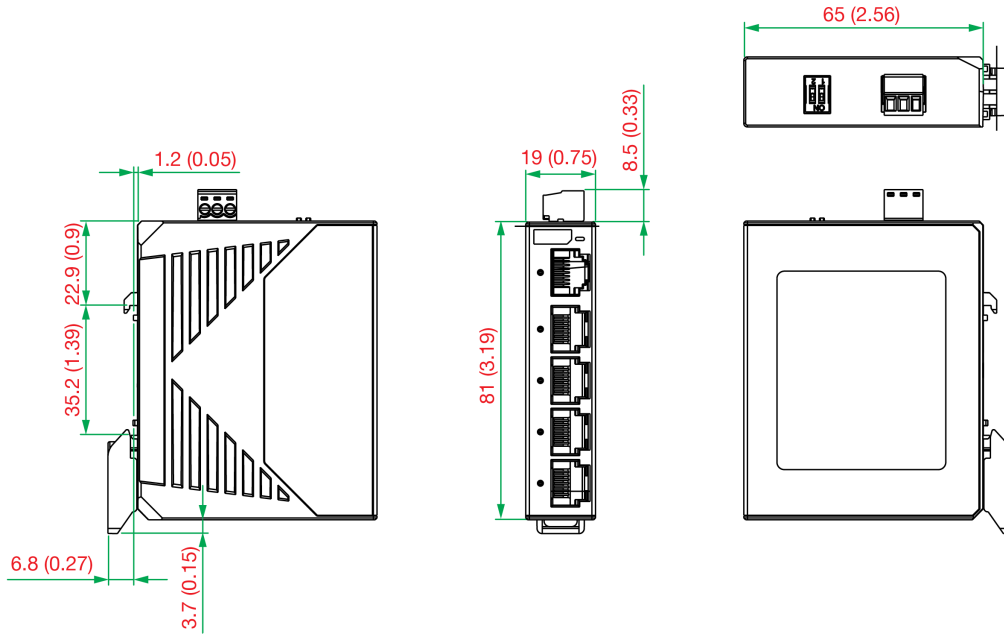
Power Parameters

| | |
|-------------------|---|
| Connection | 1 removable 3-contact terminal block(s) |
| Input Current | 0.045 A @ 24 VDC |
| 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 (0.74 x 3.19 x 2.56 in) |
| Installation | DIN-rail mounting, Wall mounting (with optional kit) |
| Weight | 56 g (0.12 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 62368-1 (LVD) |
| EMC | EN 55032/35 |
| EMI | CISPR 22, 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: 2 kV; Signal: 2 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF |
| Shock | IEC 60068-2-27 |
| Vibration | IEC 60068-2-6 |
| Freefall | IEC 60068-2-32 |
| MTBF | |
| Time | 4,814,369 hrs |
| Standards | Telcordia (Bellcore), GB |
| Warranty | |
| Warranty Period | 5 years |
| Details | See www.moxa.com/tw/warranty |
| Package Contents | |
| Device | 1 x EDS-2005 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) | Housing | Operating Temperature |
|--------------|---------------------------------------|---------|-----------------------|
| EDS-2005-ELP | 5 | Plastic | -10 to 60°C |

配件 (選購)

Power Supplies

| | |
|-----------|---|
| DR-120-24 | 120W/2.5A DIN-rail 24 VDC power supply with universal 88 to 132 VAC or 176 to 264 VAC input by switch, or 248 to 370 VDC input, -10 to 60°C operating temperature |
| DR-4524 | 45W/2A DIN-rail 24 VDC power supply with universal 85 to 264 VAC or 120 to 370 VDC input, -10 to 50°C operating temperature |
| DR-75-48 | 75W/1.6A DIN-rail 48 VDC power supply with universal 85 to 264 VAC or 120 to 370 VDC input, -10 to 60°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 |

Wall-Mounting Kits

| | |
|-------|---|
| WK-18 | Wall-mounting kit, 1 plate, 18 x 120 x 8.5 mm |
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Rack-Mounting Kits

| | |
|-------|---------------------------|
| RK-4U | 19-inch rack-mounting kit |
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