Dimensions of an 8-Port Industrial Switch

Overview

Deliver fast, real-time deterministic switch operation to your industrial network right out of the box. No complicated setup involved. Eight 10/100BaseTX RJ-45 ports.

Key Takeaways

Typical 8-port industrial Ethernet switches are compact, DIN-rail mountable devices, usually around 100–150 mm wide, 30–50 mm high, and 90–120 mm deep.

General Size Overview

Industrial 8-port switches are designed for space-efficient installation in control cabinets or on DIN rails. While exact dimensions vary by manufacturer and model, most switches share these characteristics: Width: Approximately 100–150 mmHeight: Approximately 30–50 mmDepth: Approximately 90–120 mmMounting: DIN-rail or panel mount compatibleCasing: Rugged IP30-rated metal or Lexan housing for industrial environments For example, the Sixnet SL-8ES-1 features a durable IP30-rated Lexan case suitable for DIN-rail or direct panel mounting. Similarly, the PLANET IGS-801M comes in a compact IP30 rugged case designed for desktop or industrial cabinet installation.

The D-

Link DIS-100G-8SW also uses a metal IP30-rated enclosure for harsh environments.

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Additional Considerations

Redundant Power Inputs: Many industrial switches, such as WAGO 852-1102 and PLANET IGS-801M, include dual power inputs for reliability. Operating Temperature: Industrial switches typically operate from -40°C to 60°C, ensuring suitability for extreme conditions. Port Layout: Eight RJ-45 ports are usually arranged in a single row or two rows, which can slightly affect width and depth.

Mounting Clearance: Allow extra space for cabling and airflow when installing in cabinets.

Recommendation

For precise installation planning, it is best to consult the manufacturer's datasheet for the specific model, as dimensions can vary slightly between unmanaged, managed, and PoE-enabled 8-port industrial switches. This ensures accurate fitment in your control cabinet or DIN-rail setup.

Article Content

Sixnet® SL-8ES-1 Unmanaged 8-port Industrial

Deliver fast, real-time deterministic switch operation to your industrial network right out of the box. No complicated setup involved. Eight 10/100BaseTX RJ-45 ports.

8-port Industrial Gigabit PoE Switch

The DH-PFS4210-8GT-DP is an 8-port Gigabit PoE Industrial Switch supports the IEEE 802.3af/at standard. Two of the ports support Hi-PoE to provide 60 W via a single port. The switch DH-PFS4210

IS108GP-2F 8-Port Gigabit Industrial POE Switch – Foredge

Overview Is a 8-port Gigabit industrial POE switch. It provides 8 Gigabit PoE ports and 2 Gigabit optical ports. Switch backplane bandwidth 20Gbps Working Humidity 5%~95% RH without condensation

8-Port Industrial Switch and 8-Port Industrial ECO Switch | WAGO

The ECO Switch also connects up to eight network devices to your ETHERNET network with transmission rates of 10, 100 or 1,000 Mbit/s. Designed for a temperature range between 0 and 60°C,

Sixnet® SLX-8MG-1 Managed 8-port Industrial Ethernet

Rugged and high-performing with a range of advanced control, monitoring and security features deployable through a web browser. Eight 10/100BaseTX RJ-45

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SW-508 Industrial Ethernet 8 Port Switch DIN Rail

Industrial temperature range of -40°C to +80°C (-40°F to 176°F) and dual input redundant power supply with wide voltage range means it can be powered from

8-port PoE Switch

The DH-PFS3110-8P-96 is an 8-port industrial PoE Ethernet switch, which supports the IEEE802.3 af/at standards. The switch is designed for extreme temperature environments and achieves a Lightning

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This space-saving switch transmits data over a Gigabit Ethernet network. Eight auto-negotiating 10/100/1000 Mbps ports send data only to the devices designated to receive it, which improves the

8-Port Industrial Network Switch, 10/100 Ethernet, DIN

Unmanaged DIN-mountable 8-port Ethernet switch is designed to expand connectivity in harsh environments, including factories, warehouses and

DIS-100G-8SW 8-Port Gigabit Unmanaged Industrial

The D-Link DIS-100G Series industrial switches are compliant with all international requirements for product safety and electromagnetic compatibility that ensure

8-Port Industrial Network Switch, Gigabit, Unmanaged,

Unmanaged 8-port Gigabit Ethernet PoE switch with SFP slots expands connectivity in harsh environments, including factories, warehouses and construction sites.

8-Port Managed Industrial Gigabit Ethernet Switch, DIN Mount

Managed 8-port Layer 2 switch with 4 SFP slots expands your Gigabit network in industrial environments, including mines, military bases and oil/gas sites.

8 Port Managed Industrial Switch, Layer 2, Din Rail

8-port 10/100M managed din-rail industrial Ethernet switch, embedded with 8 10/100M Tx ports or 2 10/100M Fx ports + 6 10/100M Tx ports, pre-loaded with standard Layer 2 network management

Sixnet® SL-8ES-1 Unmanaged 8-port Industrial

Plug-and-play 8-port unmanaged Ethernet switch for real-time operation Sixnet® SL-8ES-1 Unmanaged 8-port Industrial Ethernet Switch Item number SL-8ES-1 The

EDS-208A Series

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The EDS-208A Series 8-port industrial Ethernet switches support IEEE 802.3 and IEEE 802.3u/x with 10/100M full/half-duplex, MDI/MDI-X auto-sensing. The EDS-208A Series has 12/24/48 VDC (9.6 to

TRENDnet 8-Port Industrial Gigabit DIN-Rail Mini

TRENDnet''s 8-Port Industrial Gigabit DIN-Rail Mini Switch, model TI-GLC80, is a reliable and rugged networking solution that is designed for use in both extreme

8 ports network switch, 8 ports ethernet switch

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Weidmuller 8-Port Unmanaged Switch In IP67

8-port unmanaged switch in IP67 Switches are the central components of a network. They prevent data collision, allow rapid packet switching and enhance data throughput. Weidmuller switches meet the

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