

Professional Industrial Switch Brand



Overview

Industrial switch, Industrial electric switch Find your industrial switch easily amongst the 167 products from the leading brands (BANNER, ELMA, NXP.).

Key Takeaways

Top professional industrial switch brands include Siemens SCALANCE, Extreme Networks ISW Series, and trusted suppliers like Schneider Electric, ABB, and Legrand. Leading Industrial Switch Brands

Siemens SCALANCE Siemens offers a wide range of industrial communication and Ethernet switches designed for harsh environments, including compact modules (CSM), unmanaged X-100 switches, and high-capacity X-400 Layer 3 switches. These switches support fiber and copper connections, high transmission rates, and robust security features, making them suitable for manufacturing, chemical, and automotive industries . Extreme Networks ISW Series Extreme Networks provides ruggedized Layer 2 industrial switches capable of operating under extended temperature ranges. They feature flexible PoE options (IEEE 802.3af/at/bt) for powering devices like surveillance cameras and WLAN access points. Their full redundant ring technology ensures high availability and fault-tolerant networks . Other Notable Brands

- Schneider Electric: Known for durable switches integrated with energy management systems, suitable for industrial and commercial applications .
- ABB: Offers reliable switches for infrastructure and large-scale industrial projects, emphasizing durability and operational safety .



- Legrand: Provides mid-range switches with broad coverage across residential, commercial, and industrial projects .
- Newark Electronics: Supplies a variety of industrial switches, including mechanical pushbuttons, touchless, and biometric switches, sourced from multiple trusted manufacturers .

Key Considerations for Industrial Switch Selection

- Environmental Resistance: Look for switches rated for extreme temperatures, dust, and moisture.
- Power over Ethernet (PoE): Useful for powering connected devices without additional cabling.
- Network Integration: Layer 2 or Layer 3 capabilities, redundancy, and compatibility with industrial protocols.
- Certifications and Compliance: Ensure switches meet international standards for safety and reliability.
- Application-Specific Features: Emergency-stop functions, RFID monitoring, or customizable actuation may be required depending on the industrial setup . These brands and features ensure reliable, long-lasting performance in demanding industrial environments, from factory automation to smart city infrastructure.

Article Content

Finding the Right Industrial Ethernet Switch Manufacturer: A ...

Looking for a reliable industrial Ethernet switch manufacturer for harsh environments? Check engineers' checklist and real-world

Industrial Ethernet Switches | Industrial Network Switch | Perle

Rugged Industrial Ethernet Switches with PoE, 5-10 ports, 10/100/1000Base-T and fiber support. Built to withstand -40°C to 75°C,

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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