ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Where to buy and use good industrial-grade switches



Overview

Which Ethernet Switch is Right For You? Browse our complete line of Ethernet switches for your home or business network.

Key Takeaways

Industrial-grade switches can be purchased from specialized suppliers like D-Link, Ruijie, Router-Switch.com, and specific product distributors offering rugged, high-performance Ethernet switches for harsh environments.Recommended Suppliers and Options



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1. D-Link Industrial Switches D-Link offers a range of rugged industrial switches certified for extreme conditions, including vibration, shock, and temperature variations from -40°C to +75°C. Their DIS series (DIS-100G, DIS-300G, DIS-700G-28XS) supports Gigabit Ethernet, rapid failover, and multiple mounting options, making them suitable for smart cities, transportation, and industrial automation. D-Link provides a 5-year warranty and global reseller support for deployment in critical environments . 2. Ruijie Industrial Switches Ruijie provides next-generation industrial Ethernet switches with full-gigabit access, 10GE uplink ports, surge protection, and wide operating temperature ranges. These switches are designed for harsh industrial environments and offer flexible deployment options for factories, energy grids, and automation networks . 3. Router-Switch.com Router-Switch.com is a global ICT distributor offering industrial-grade switches from major brands like Cisco, Huawei, and HPE. They provide worldwide shipping, competitive pricing, and technical support, including a free 3-year product warranty. This platform is ideal for businesses seeking both single units and large-scale network deployments . 4. Specific Industrial Models For high-demand environments, the Enterasys A2H254-16 P0973BK is a 16-port Gigabit industrial Ethernet switch with passive cooling, Layer 2+ capabilities, and proven durability in extreme temperatures and humidity. It is commonly used for PLC connectivity, SCADA systems, and transit control networks .

Buying Considerations
• Environmental Tolerance: Ensure the switch can operate in your temperature, humidity, and vibration conditions.

• Network Requirements: Decide between Layer 2, Layer 2+, or Layer 3 switches depending on your automation or control network needs.

• Certifications: Look for IEC 61850, EN 50155, NEMA-TS2, or other relevant industrial standards.

• Warranty and Support: Choose suppliers offering robust warranties and technical support for industrial deployments. By selecting from these suppliers and models, you can ensure reliable, long-lasting network performance in demanding industrial environments.

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Article Content

Industrial Grade Switches

20 Amp, 120/277 Volt, 1HP at 120V or 2HP at 240V-277V, Toggle 3-Way AC Quiet Switch, Industrial Grade, Self Grounding, Back &

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Learn about L2 and L3 Industrial Grade Network Switches, PoE vs non-PoE types, and how to choose the

Guide to implementing Industrial Grade Switches

However, implementing industrial grade switches is a complex process that requires careful

Commercial Vs Industrial-Grade Switch, Which One Should You buy?

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Since commercial grade switches are lighter than industrial-grade switches in terms of both features and build quality, they are also

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Industrial-grade Ethernet Switches are specifically designed to connect devices in network environments that are subject to extreme

Industrial Network Switches

Industrial network switches are essential components for maintaining robust and efficient communication within industrial

Industrial Grade Switches

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Industrial Switches | Newark Electronics

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Industrial Series Switches

The challenge to save energy, improve security or make sure everything continues to perform in a harsh environment, are all

Industrial Switches

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Industrial Network Switches

Whether you''re managing a factory floor, an energy grid, or any other demanding setting, industrial network switches provide the

Commercial Switches | Light switches | Power Switches

Whether you''re upgrading your facility''s electrical infrastructure or ensuring the highest standards of safety and efficiency, our top

Industrial Switches | Hubbell Wiring Device-Kellems

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These industrial switches are built to handle high-capacity operations and frequent use, making them ideal for factories, warehouses,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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