

Industrial-grade TAP switches



AI Overview

Industrial-grade TAP switches are high-current, high-voltage switches designed for transformer and switchgear applications, offering durability, precision, and low maintenance.

Overview

Industrial-grade TAP switches are specialized devices used to adjust transformer voltage ratios or manage high-power electrical circuits. They are engineered for high current and voltage ratings, long operational life, and minimal maintenance, making them suitable for utility, industrial, and heavy electrical applications .

Types and Configurations

- De-energized Tap Changers (DETCs)
 - Also called off-circuit tap changers (OCTCs), these switches operate without load, ensuring safety and minimal wear.
 - Available in single or multi-phase configurations with current ratings from 125 A up to 4,000 A and voltage insulation levels (BIL) from 10 kV to 1,050 kV .
 - Can be installed in air, transformer oil, natural ester fluids, silicone, or other refined hydrocarbons .
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- Rotary and Linear Tap Switches
 - Rotary switches allow precise voltage adjustments via a rotating drive shaft, often with motor drive units for remote operation.
 - Linear or bridging designs provide compact arrangements for multi-deck tap changers, optimizing space in transformer installations

Article Content

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Industrial Series Switches

Discover our selection of Industrial Series Switches. Our product experts are here to assist you. Get in touch with our team now.

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Power Tap & High Power Rotary Switches | Ohmite Mfg Co

Power Tap Switches Switches It can be difficult controlling high current levels. Ohmite makes it easy with Power Tap Switch line of

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Heavy-duty industrial grade switches

Eaton's Arrow Hart heavy-duty industrial grade switches are designed to provide dependable and long-lasting performance in a wide

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Ethernet Switches

Ethernet Switches Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network

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Unmanaged Industrial Ethernet Switches | Rugged DIN Rail Switch

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play"

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Industrial Extra Heavy Duty Specification Grade Switch, White

Industrial Extra Heavy-Duty Spec-Grade Switches Spec Sheet, SF101R4 pdf BIM Models Switches zip Supporting

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Switches

Commercial grade switches feature a galvanized steel strap, are available in Decora style, and go up to 20 Amp. The ideal solution

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Industrial Heavy-Duty Spec Grade Switches

Industrial Extra Heavy-Duty Specification Grade Switch, Lighted On, Back and Side Wire

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Industrial Ethernet Switches

Modernize your operations with Cisco Industrial Ethernet switches: Increase productivity, boost security, and empower industrial AI.

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Broad Portfolio of Electrical Switches | TE Connectivity

Browse our portfolio to find many types of electrical switches and switch accessories, including POE

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Power Tap Switches

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Commercial Switches | Light switches | Power Switches

Commercial Switches from Leviton are varied to fit any industrial or commercial project. This includes commercial light switches,

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Industrial Switch: Understanding Industrial Ethernet Switch ...

An industrial Ethernet switch is a type of network switch designed to operate in harsh industrial environments. Oil rigs, railways,

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Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are an excellent choice for industrial environments, including intelligent transportation systems, utilities,

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Industrial Extra Heavy Duty Specification Grade Switch, Brown

Industrial Extra Heavy Duty Specification Grade Switch, Brown PS15AC4 Pass and Seymour 4-Way Toggle Switch, Back and Side

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Nav-Tech Inc. | Custom Electrical Equipment Manufacturer

Nav-Tech Inc. manufactures UL Listed CT cabinets, trans-sockets, meter pans, disconnect switches,

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De-Energised Rotary Switches: Tap Changers 1 & 3 Phase 11kV to

Introduction: ZEP WW de-energised rotary tap changers are designed for use in liquid filled distribution transformers, pad mount,

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Industrial Ethernet Switches | Filter and Search Products

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

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Power Tap Switches Datasheet | Ohmite Mfg Co

Ohmite power Tap Switches (high power rotary switches) are constructed to provide dependable, convenient operation. All Ohmite

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EMR Global | Global Partner in On-Load Tap Changers

Frequently Asked Questions What does EMR Global do in the transformer industry? EMR Global manufactures and supplies on-load

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Industrial Ethernet Switches | WAGO

Industrial Switches WAGO's switch portfolio provides scalable Ethernet network infrastructure with excellent electrical and

May 04, 2026

Products — Quality Switch

Quality Switch, Inc. manufactures a broad range of custom and standard de-energized tap changers (DETCs) and switches for the

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How to pick the right Industrial Ethernet Switch for critical networks

Industrial Ethernet switches are comprised of managed and unmanaged switches with Gigabit, PoE, and various industry

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Industrial Extra Heavy Duty Specification Grade Switch,

Heavy-duty, brass alloy, one-piece contact arm virtually eliminates contact bounce.

May 11, 2026

Industrial Extra Heavy Duty Specification Grade Switch, White

External screw-pressure-plate back and side wired. Accepts #14 - #10 AWG copper or copper-clad conductors.

Mar 14, 2026

The difference between industrial-grade switches and ordinary switches

In addition, industrial-grade switches also support ring redundancy technology, which can automatically switch to a backup link when

May 26, 2026

Power Tap & High Power Rotary Switches | Ohmite Mfg

All Ohmite tap switches, from 15 to 100 amps, have ceramic arc-proof bodies and metal alloy contacts.

Sep 12, 2025

Switch Gear/Tap Switches

Switch Gear/Tap Switches Specifically designed for industrial use—switch gear and tap switches provide

Contact Us

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