

Article Overview

A Smart Track Socket is a movable, modular outlet that connects to a power track, allowing flexible power distribution along a mounted track without rewiring.

Overview

A Smart Track Socket is part of a power track system, which consists of a mounted rail with embedded conductive rails. The socket can slide or snap into place along the track, making it easy to reposition outlets as needed, unlike traditional fixed sockets that require rewiring for relocation. These systems are ideal for offices, workshops, kitchens, and industrial spaces where device placement frequently changes.

Key Components

- o Power Track: The main rail housing conductive rails for electricity flow.
- o Movable Sockets: Outlets that attach to the track, including standard plugs, USB ports, or specialized connectors.
- o Mains Connection Module (MCM): Connects the track to the electrical supply and often includes circuit breakers for safety.
- o Extension Modules: Additional track sections to extend the system.
- o Safety Features: Overload protection, short-circuit protection, child safety locks, and fire-resistant casings enhance reliability.

Installation

- o Turn off power at the circuit breaker.
- o Select location for the track (wall, ceiling, or floor).
- o Mark drill points using a level to ensure straight alignment.
- o Drill holes and secure the track with screws or anchors.
- o Connect wiring to the mains via terminal blocks if required.
- o Attach sockets by sliding or snapping them into the track.

Advantages

- o Flexibility: Move sockets anywhere along the track without rewiring.
- o Safety: Many systems include overload and short-circuit protection.
- o Customizable: Add or remove sockets as needed.
- o Durability: High-quality materials ensure long-term use.
- o Special Features: Some tracks are waterproof (IP65+), suitable for kitchens, bathrooms, or outdoor areas.



Smart Track Socket for Distribution Box

Applications

Smart Track Sockets are suitable for distribution boxes in environments where dynamic power access is required. They allow for efficient power management, reduce clutter from extension cords, and provide modular expansion for growing electrical needs. Popular brands like Eubiq and Decoamigo offer systems compatible with modern office, home, and industrial setups. In summary, a Smart Track Socket provides a safe, flexible, and modular solution for distributing power from a distribution box, enabling easy repositioning of outlets and integration with modern electrical systems.

An electric mobile track socket allows users to easily adjust the position of the outlet along a mounted

Power Distribution Unit (PDU) The ELGO Combo Max is a power distribution unit designed to streamline data center infrastructure. It

This mobile electric slide kit provides maximum flexibility, convenience, and safety, empowering users to manage power distribution

Explore the revolutionary advantages of power track sockets: flexibility, safety, and efficiency. Learn about their

Smart Distribution Box Solution Powered by KinCony B32M Controller + N30 Energy Meter The KinCony Smart

Xiaomi's new 8000W modular track socket offers smart home power with child-safe design &

Intelligent power distribution box is composed of traditional leakage protector, air switch, AC contactor and KC868-H8. Compared

We pride ourselves on being able to offer a full range of connectivity from the powertrack and power hub

As a leading manufacturer of power track outlets, Futina offers innovative and reliable power track systems

VIOX Electric, a leading manufacturer of high-quality power track sockets, offers innovative and durable

Amazon.co.uk: power track socket LIDER 2-Gang Switched 13A Socket with USB TYPE C & A, LED Power Indicator, Power

Since we stepped into this challenging industry, we have directed all our



Smart Track Socket for Distribution Box

Experience the Innovative Power System by Smart-Home--built for safety, style, and smart functionality.

Power tracks and electrical track outlets offer a safe and flexible solution for power distribution in residential, commercial, and

Join a vibrant community of musicians and gear enthusiasts discussing instruments, effects, setups, and more on The Gear Page

The Wieland distribution boxes, ic compliance to IEC 61439, together with our installation connector

Web: <https://millstraining.co.za>

