Panasonic

Building Automation Systems
Panasonic KNX Secure Mix Actuator

WRKT4824J5NC
KNX SECURE MIX ACTUATOR 24CH MX324 -16A -S

WRKT4820J5NC
KNX SECURE MIX ACTUATOR 20CH MX320 -16A -S

WRKT4816J5NC
KNX SECURE MIX ACTUATOR 16CH MX316 -16A -S

WRKT4812J5NC
KNX SECURE MIX ACTUATOR 12CH MX312 -16A -S

WRKT4808J5NC
KNX SECURE MIX ACTUATOR 8CH MX308 -16A -S

Panasonic KNX Secure Mix Actuator

The Panasonic KNX Secure Mix Actuator is a high-performance output device designed to meet the automation needs of residential and commercial KNX projects. It comes with KNX Data Secure technology, ensuring encrypted and secure communication between compatible devices over the KNX bus system.

This actuator offers compact and standard sizes for all channels, allowing for efficient use of panel space. It also features better inrush current handling, providing stable and reliable performance under load. Additionally, the actuator is powered directly by the KNX bus, eliminating the need for an external power source and simplifying installation.

It provides flexible control over key building systems such as lighting, heating, shutters, and fan coils, while status LEDs enable real-time monitoring of output signals. Manual control buttons allow for local overrides during system maintenance or troubleshooting.
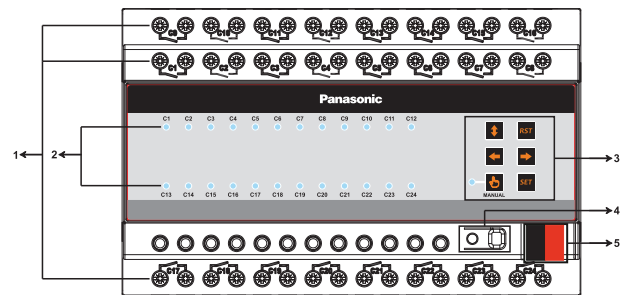
The device's advanced auxiliary functions, such as logic, converter, sequencer, and scene actuator, allow for customized automation scenarios, maximizing energy efficiency and comfort.

Key Features

- **Compact & Standard Sizes**
  Saves space in the panel with same size options for all channels.

- **Better Inrush Current Capacity**
  Better inrush current capacity for more stable operation.

- **Powered by KNX Bus**
  No external power supply needed, simplifying the installation.

- **KNX Data Security**
  Provides secure communication over KNX bus lines with KNX Secure functionality.

- **Manual Control**
  Local manual override for quick system adjustments & diagnostic.

- **Lighting & Heating Control**
  Effortless switching of connected lighting and heating systems.

- **Shutter & Blind Control (AC/DC)**
  Supports automated control of motorized shutters and blinds.

- **Fan Coil Management**
  Controls 2-pipe and 4-pipe fan coil systems for effective HVAC operation.

- **Auxiliary Functions**
  Includes sequencer, scene actuator, logic gates, and more for advanced automation.

Product Components

1. 16-A Outputs
2. Status LEDs
3. Manual Operation Buttons
4. KNX Programming Button and LED
5. KNX Bus Terminal

The Panasonic KNX Secure Mix Actuator provides a secure, space-saving, and reliable solution for KNX-based building automation, ensuring top performance across various systems.