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Schneider Electric MTN436025 Single Key with Indicator User Manual

Model: MTN436025

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Schneider Electric MTN436025 Single Key with Indicator. Please read these instructions carefully before installation and keep them for future reference. This product is designed for use within the Merten System M range.

2. PRODUCT OVERVIEW

The Schneider Electric MTN436025 is a single key switch designed for various electrical installations. It features an integrated illumination window, allowing for visual feedback or backlighting. The product is finished in an active white satin color (RAL 9016) and constructed from brilliant polycarbonate with an antibacterial surface treatment. It has an IP20 rating, indicating protection against solid objects larger than 12.5mm, but no protection against liquids. This device is halogen-free, contributing to environmental and health safety.

Key Features:

- **Product Range:** Merten System M
- **Aesthetic Compatibility:** M-Arc, M-Elegance, M-Plan, M-Plan Crystal, M-Smart, M-Star, System M
- **Color:** Active White Satin (RAL 9016)
- **Material:** Brilliant Polycarbonate with Antibacterial Surface Treatment
- **IP Rating:** IP20
- **Environmental:** Halogen-free

3. SETUP AND INSTALLATION

Installation should only be performed by a qualified electrician in accordance with all local and national electrical codes and regulations. Ensure the main power supply is disconnected before commencing any installation work.

Mounting Instructions:

1. Prepare the wall box or mounting frame according to standard electrical installation practices.

2. Connect the necessary wiring to the switch mechanism (not included with this key).
3. Align the single key with indicator onto the switch mechanism.
4. Secure the key to the mechanism using its clamp fixing mode. Ensure it clicks firmly into place.
5. Attach the outer frame (if applicable) and cover plate.



Figure 1: Rear view of the MTN436025 Single Key with Indicator. This image illustrates the internal structure and the clamp fixing points used for mounting onto a compatible switch mechanism. Note the 'merten' branding and product codes visible on the black frame.

4. OPERATING INSTRUCTIONS

The Schneider Electric MTN436025 Single Key with Indicator functions as a standard switch cover. Once installed on a compatible switch mechanism, simply press the key to activate or deactivate the connected electrical circuit. The integrated illumination window will provide visual feedback, typically indicating the switch's status (e.g., on/off) or serving as a locator light in dark environments, depending on the underlying mechanism's functionality.

5. MAINTENANCE

The MTN436025 requires minimal maintenance. To clean the surface, gently wipe with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the polycarbonate material and its antibacterial treatment. Ensure the power supply to the switch is off before cleaning.

6. TROUBLESHOOTING

If the illumination window does not light up or the switch does not function correctly, consider the following:

- **No Illumination:** Verify that the underlying switch mechanism supports illumination and that the bulb or LED is correctly installed and functional. Check the electrical connections.
- **Switch Not Responding:** Ensure the key is properly seated and securely clamped onto the switch mechanism. Check the wiring connections to the mechanism.
- **Loose Key:** If the key feels loose, gently press it firmly into place until it clicks, ensuring the clamp fixing is engaged.

For persistent issues, consult a qualified electrician or contact Schneider Electric customer support.

7. SPECIFICATIONS

Attribute	Value
Manufacturer	Schneider Electric
Model Number	MTN436025
Product Weight	40 g
Product Dimensions	2.8 x 8.2 x 12.2 cm
Number of Units in Package	1
Requires Batteries	No
IP Rating	IP20
Material	Brilliant Polycarbonate
Color	Active White Satin (RAL 9016)

8. WARRANTY AND SUPPORT

Schneider Electric products are manufactured to high standards and are covered by a standard warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Schneider Electric website. For technical support, installation assistance, or to report any issues, please contact Schneider Electric customer service through their official channels.