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› FAUOSWUK HT-5 5-Way Circuit Breaker Distribution Box User Manual

FAUOSWUK HT-5

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Model: HT-5

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your FAUOSWUK HT-5 5-Way Circuit Breaker Distribution Box. Please read this manual thoroughly before installation and retain it for future reference. This distribution box is designed for various applications, including homes, workshops, and hotels, ensuring power distribution safety.



Image 1.1: Front view of the FAUOSWUK HT-5 5-Way Circuit Breaker Distribution Box.

2. PRODUCT COMPONENTS

The FAUOSWUK HT-5 Circuit Breaker Box package includes the following items:

- 1 x Front Shell
- 1 x Rear Shell
- 4 x Installation Screws
- 2 x Waterproof Joints

Note: Circuit breakers are not included with this product and must be purchased separately.

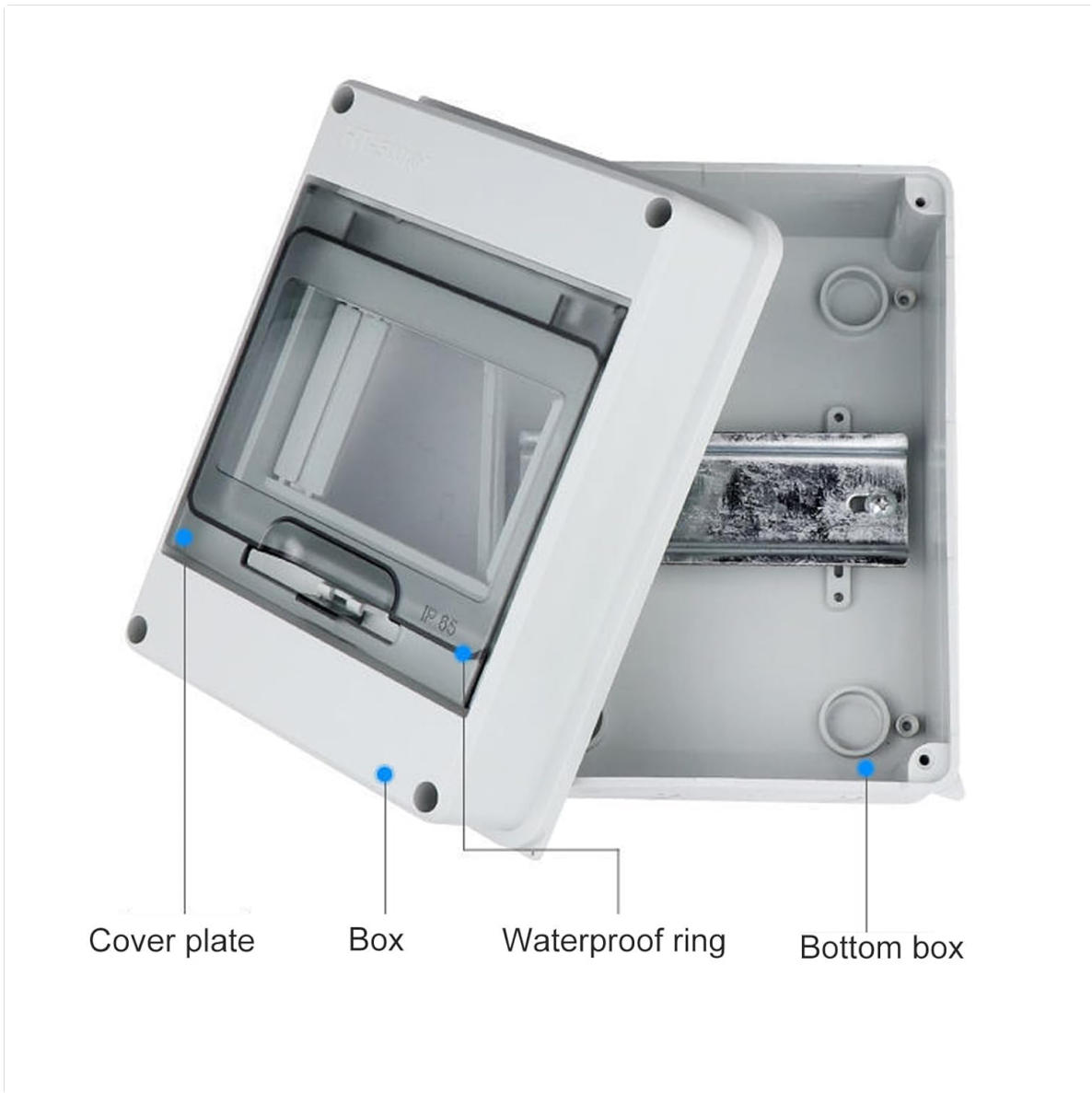


Image 2.1: Labeled components of the distribution box, including the cover plate, main box, waterproof ring, and bottom box.

3. SPECIFICATIONS

Attribute	Detail
Model	HT-5
Material	PC (Polycarbonate)
Installation Method	Open installation (suitable for surface and concealed installation)
Protection Level	IP65
Number of Ways	5
Dimensions (Approx.)	155mm (6.1in) Height x 110mm (4.33in) Width x 90mm (3.54in) Depth



Image 3.1: Diagram showing the approximate dimensions of the distribution box.

Protection level IP65



Image 3.2: Visual representation of the IP65 protection level, indicating resistance to dust and water jets.

4. SETUP AND INSTALLATION

The FAUOSWUK HT-5 distribution box is designed for easy installation, suitable for both surface-mounted and concealed applications. Always ensure power is disconnected before beginning any electrical work.

4.1 Installation Steps:

1. **Prepare the Mounting Location:** Choose a suitable location for the distribution box. Ensure the surface is flat and stable.
2. **Mark Mounting Points:** Use the rear shell as a template to mark the four screw holes on the wall or mounting surface.
3. **Drill Holes:** Drill pilot holes at the marked points. Insert appropriate wall anchors if necessary.
4. **Mount the Rear Shell:** Secure the rear shell to the mounting surface using the provided installation screws.
5. **Install Circuit Breakers:** The box features internal mounting rails for easy installation of up to 5 circuit breakers. Carefully snap the circuit breakers onto the rails.
6. **Connect Wiring:** Route electrical wiring through the designated entry points. Utilize the provided

waterproof joints to ensure a secure and sealed connection, maintaining the IP65 rating.

7. **Attach Front Shell:** Once wiring is complete and connections are secure, attach the front shell to the rear shell. Ensure a tight fit to maintain the protective seal.



**Common for surface and
concealed installation**

Easy installation

Image 4.1: The distribution box with its transparent cover open, revealing the internal mounting rails for circuit breakers.

Design of 5 ways circuit breakers



Circuit breaker is not included in this product

Image 4.2: Example of circuit breakers installed within the 5-way distribution box. Note that circuit breakers are detachable and sold separately.

5. OPERATION

The FAUOSWUK HT-5 distribution box is designed for straightforward operation and monitoring.

5.1 Monitoring Circuit Breaker Status:

The transparent flip cover allows for easy visual inspection of the circuit breaker status without needing to open the box. This feature enhances convenience and safety during routine checks.



Image 5.1: Detail of the transparent flip cover, allowing clear visibility of internal components.

5.2 Accessing Circuit Breakers:

To access the circuit breakers for maintenance or replacement, simply unlatch and open the transparent flip cover. The design facilitates easy operation and maintenance without requiring complex disassembly.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your distribution box.

- **Routine Inspection:** Periodically inspect the box for any signs of damage, wear, or loose connections. Check the integrity of the waterproof joints.
- **Cleaning:** Clean the exterior of the box with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the PC material. Ensure the transparent cover remains clear for visibility.
- **Seal Integrity:** Verify that the seals around the cover and cable entries are intact to maintain the IP65 protection level.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your distribution box.

- **Issue: Water or Dust Ingress.**

Solution: Check all waterproof joints and ensure the front cover is securely latched. Verify that the installation screws are tightened appropriately to maintain the seal. Replace any damaged waterproof components.

- **Issue: Difficulty Opening/Closing Cover.**

Solution: Ensure no obstructions are present. The cover should operate smoothly. Do not force the cover, as this may damage the hinges or latch mechanism.

- **Issue: Circuit Breakers Not Seating Properly.**

Solution: Ensure the circuit breakers are compatible with standard DIN rail mounting. Re-seat the breakers firmly onto the internal rails until they click into place.

For issues not covered here, consult a qualified electrician.

8. SAFETY INFORMATION

WARNING: Electrical work should only be performed by qualified personnel. Failure to follow these safety guidelines can result in electric shock, fire, or serious injury.

- Always disconnect power at the main supply before installing, servicing, or inspecting the distribution box.
- Ensure all wiring connections are secure and properly insulated.
- Do not exceed the rated capacity of the distribution box or the installed circuit breakers.
- The PC material of the box is flame retardant, but it should not be exposed to open flames or excessive heat.
- The IP65 rating protects against dust and water jets; however, the box is not designed for submersion.
- Regularly inspect the box for any signs of damage. If damage is found, replace the unit immediately.

9. WARRANTY AND SUPPORT

Warranty information for the FAUOSWUK HT-5 Circuit Breaker Distribution Box is not explicitly provided in the product details. For specific warranty terms and conditions, please refer to the product packaging or contact FAUOSWUK customer support directly.

For technical support or inquiries, please visit the [FAUOSWUK Store on Amazon](#) or contact their official customer service channels.