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> [IIUUAYUVI ZQ-015 Industrial Plug 5X16A Five-core Waterproof IP44 Aviation Plug User Manual](#)

## IIUUAYUVI ZQ-015

# IIUUAYUVI ZQ-015 Industrial Plug User Manual

Model: ZQ-015 | Brand: IIUUAYUVI

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your IIUUAYUVI ZQ-015 Industrial Plug. Please read this manual thoroughly before using the product and retain it for future reference.

## 2. SAFETY INFORMATION

**WARNING: Electrical shock hazard. Always disconnect power before installation or maintenance.**

- Ensure all wiring is performed by a qualified electrician in accordance with local and national electrical codes.
- Verify that the voltage and current ratings of the plug match the electrical system it will be connected to.
- Do not use the plug if it appears damaged or if any internal components are exposed.
- Keep the plug away from flammable materials and excessive moisture.

## 3. PRODUCT OVERVIEW

The IIUUAYUVI ZQ-015 is a 5X16A five-core waterproof IP44 aviation plug designed for industrial applications. It features robust construction and high-quality materials for reliable performance.



Figure 3.1: A complete view of the IJUUYUVI ZQ-015 Industrial Plug, featuring its red and white housing and five brass pins.

## 实心黄铜导体 导电性强

01



国标足电流黄铜导体，拥有更好的导电功效

Brass solid copper bar, full current GB, safer to use



Figure 3.2: A close-up view highlighting the solid brass conductors (pins) of the ZQ-015 Industrial Plug, designed for strong conductivity and safety.



# 经久耐用 耐高温

02

可在高温正常工作  
防腐抗老化

Brass solid copper bar, full  
current GB, safer to use

Figure 3.3: An image illustrating the robust construction of the ZQ-015 Industrial Plug, emphasizing its durability and resistance to high temperatures, suitable for demanding environments.

# 防水防尘

03

短暂浸泡防水 尘埃无法进入  
有效防止导体腐蚀生锈

Brass solid copper bar, full  
current GB, safer to use



Figure 3.4: The ZQ-015 Industrial Plug with its protective cap, demonstrating its IP44 rating for resistance against water splashes and dust ingress, preventing corrosion.

## 4. SETUP AND INSTALLATION

Follow these steps for proper installation of the ZQ-015 Industrial Plug:

1. **Prepare Wires:** Strip the insulation from the five electrical wires to the appropriate length for connection.
2. **Disassemble Plug:** Unscrew and remove the rear cover of the plug to access the terminal block.
3. **Connect Wires:** Carefully insert each of the five wires into its corresponding terminal. Ensure proper phase, neutral, and ground connections according to electrical standards. The plug is rated for 220-380V / 240-415V and 16A.
4. **Secure Connections:** Tighten the terminal screws firmly to ensure a secure electrical connection. Verify that no stray wire strands are present that could cause a short circuit.
5. **Reassemble Plug:** Replace the rear cover and tighten the screws to ensure the IP44 waterproof and dustproof seal is maintained.
6. **Test:** Before full operation, perform a continuity and insulation test to confirm correct wiring and safety.

## 5. OPERATING INSTRUCTIONS

To operate the ZQ-015 Industrial Plug:

1. Ensure the power source is off before connecting or disconnecting the plug.
2. Align the plug with the corresponding industrial socket, ensuring the keyways match.
3. Insert the plug firmly into the socket until it is fully seated.
4. Twist the plug if necessary to lock it into place, depending on the socket design.
5. Once connected, the power source can be turned on.
6. To disconnect, turn off the power source, then twist and pull the plug firmly from the socket.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your industrial plug:

- **Inspection:** Periodically inspect the plug for any signs of physical damage, cracks, or discoloration. Check for loose connections or corrosion on the pins.
- **Cleaning:** Clean the exterior of the plug with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure the plug is disconnected from power before cleaning.
- **Storage:** When not in use, store the plug in a clean, dry environment, protected from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your ZQ-015 Industrial Plug, consider the following:

- **No Power:**  
*Possible Cause:* Loose connection, power source off, faulty wiring.  
*Solution:* Check that the plug is fully inserted and locked. Verify the power source is active. Inspect internal wiring for secure connections (ensure power is off before inspection).
- **Overheating:**  
*Possible Cause:* Overload, loose connections, damaged plug.  
*Solution:* Ensure the connected load does not exceed the plug's 16A rating. Check for loose internal wiring. If the plug is damaged, replace it immediately.
- **Difficulty Connecting/Disconnecting:**  
*Possible Cause:* Misalignment, debris in socket/plug.  
*Solution:* Ensure proper alignment with the socket's keyways. Inspect for and remove any debris from the pins or socket openings.

For issues not resolved by the above steps, contact qualified personnel or customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	ZQ-015
Brand	IIUUAYUVI
Current Rating	16A

Voltage Rating	220-380V / 240-415V
Number of Cores	5
IP Rating	IP44 (Waterproof and Dustproof)
Material (Conductors)	Solid Brass
Item Weight	9.9 ounces
Package Dimensions	0.39 x 0.39 x 0.39 inches

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.