QXNASU JS-606P

JEC JS-606P Rocker Switch User Manual

Model: JS-606P (Part No. 123sh533)

Introduction

This manual provides essential information for the safe and effective use of the JEC JS-606P 7-pin, 2-position rocker switch. Please read this manual thoroughly before installation and operation to ensure proper functionality and to prevent damage or injury.

Product Overview

The JEC JS-606P is a durable rocker switch designed for various electrical applications. It features 7 pins and operates in two stable positions (ON-OFF or similar configurations depending on wiring). Its compact design (21x24mm) makes it suitable for integration into control panels and devices.



Figure 1: Front and rear view of the JEC JS-606P rocker switch, showing the "I" and "O" markings on the actuator and the 7 terminal pins on the rear.



Figure 2: Close-up view of the JEC JS-606P rocker switch, highlighting the "JEC JS-606P" model number, electrical ratings (10A 125VAC, 6A 250VAC), and certification marks on the switch body.

Specifications

Attribute	Value
Model Number	JS-606P (Part No. 123sh533)
Brand	QXNASU (JEC)
Contact Type	Dpst
Number of Positions	2
Material	Plastic
Circuit Type	Digital
Operation Mode	Manual
Manufacturer	QXNASU
UPC	765569960317
ASIN	B0DHDBK6V7
Dimensions	21 x 24mm (approximate, refer to diagram for precise measurements)
Electrical Rating	10A 125VAC, 6A 250VAC
Contact Resistance	40mΩ (MAX)
Insulation Resistance	DC 500V 100MΩ (MIN)

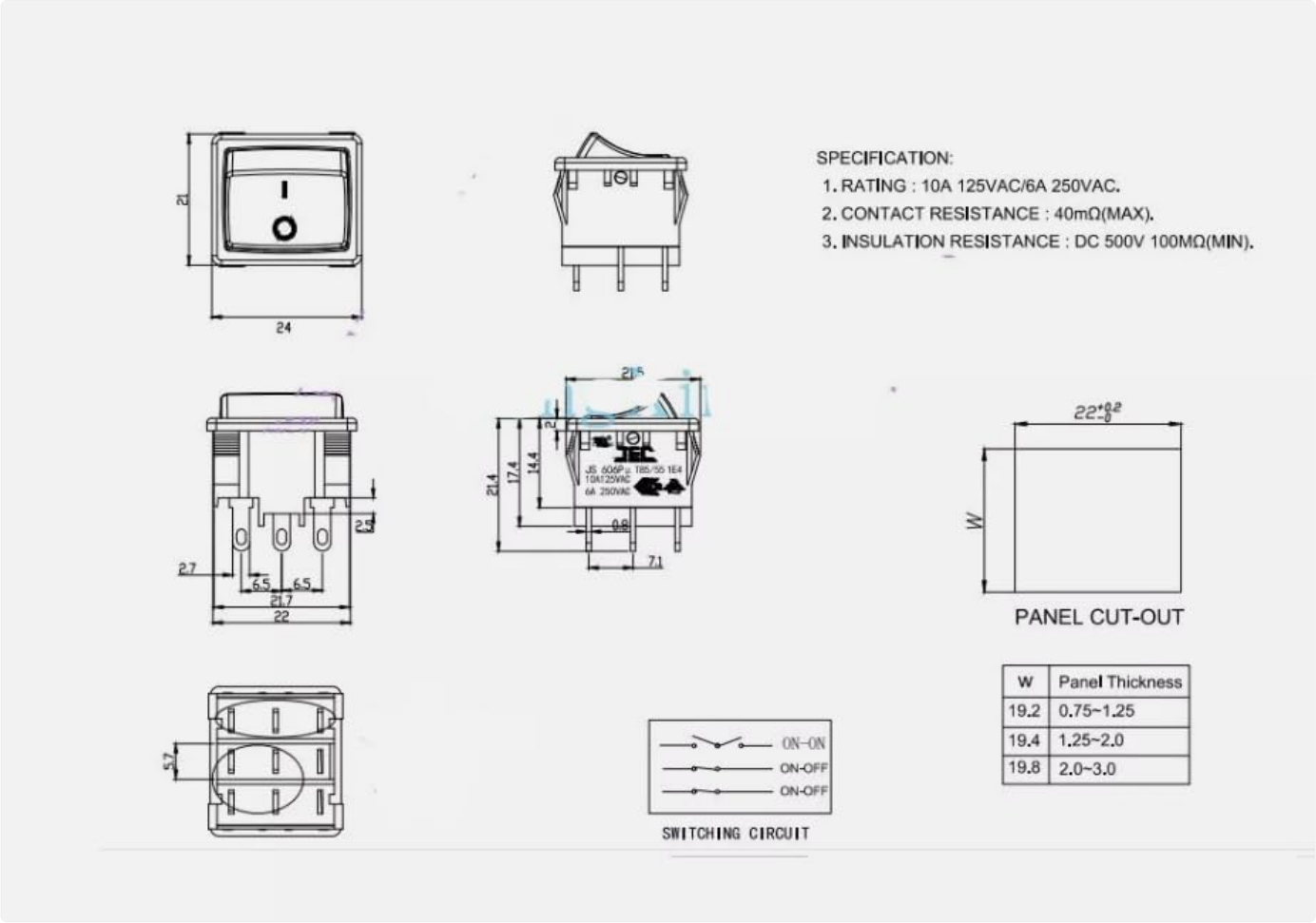


Figure 3: Technical diagram providing detailed dimensions, recommended panel cut-out specifications, and the internal switching circuit for the JEC JS-606P rocker switch. Note the 7-pin configuration and the DPDT-like switching circuit.

Setup and Installation

Proper installation is crucial for the safe and reliable operation of the switch. Always ensure power is disconnected before beginning installation.

1. **Panel Preparation:** Create a rectangular cut-out in your panel according to the dimensions provided in Figure 3. The recommended panel cut-out dimensions are typically around 19.2mm to 19.8mm in width, depending on panel thickness. Refer to the "PANEL CUT-OUT" table in Figure 3 for precise values.
2. **Mounting:** Insert the switch into the prepared panel cut-out. The switch is designed for snap-in mounting and should securely fit into place.
3. **Wiring:** Connect electrical wires to the 7 pins on the rear of the switch. Refer to the "SWITCHING CIRCUIT" diagram in Figure 3 for the correct pin assignments and circuit configuration. The diagram illustrates a DPDT (Double Pole Double Throw) configuration, allowing for control of two independent circuits or reversing polarity. Ensure all connections are secure and insulated.
4. **Safety Check:** Before restoring power, double-check all wiring connections for correctness and security. Ensure no bare wires are exposed that could cause short circuits.

Warning: *Installation should only be performed by qualified personnel. Incorrect wiring can lead to electrical shock, fire, or damage to equipment.*

Operating Instructions

The JEC JS-606P is a manual rocker switch with two stable positions. The actuator typically features "I" and "O" markings, representing ON and OFF states respectively, or two distinct positions for switching between circuits.

- **Switching Action:** To change the state of the switch, press the rocker actuator. The switch will click into one of its two stable positions.
- **Circuit Control:** Based on the DPDT switching circuit shown in Figure 3, the switch can control two separate circuits simultaneously or reverse the polarity of a single circuit. When the switch is in one position (e.g., "I"), specific pins are connected, and when it is in the other position (e.g., "O"), a different set of pins are connected.
- **Indicator (if applicable):** If the 7th pin is used for an indicator light, it will illuminate when the switch is in a specific position, as wired.

Maintenance

The JEC JS-606P rocker switch is designed for long-term reliability and requires minimal maintenance.

- **Cleaning:** If the switch surface becomes dirty, wipe it gently with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the switch mechanism. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the switch for any signs of physical damage, loose connections, or excessive wear. Ensure the rocker action remains smooth and positive.
- **Environmental Conditions:** Ensure the switch is operated within its specified environmental conditions (temperature, humidity) to prevent premature failure.

Troubleshooting

If you experience issues with your JEC JS-606P rocker switch, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Switch does not operate (no power to device)	No power supply; Loose wiring connection; Faulty switch.	Check power source. Verify all wiring connections are secure according to Figure 3. Test the switch with a multimeter for continuity. Replace if faulty.
Intermittent operation	Loose wiring; Internal contact issue.	Inspect and secure all wiring. If problem persists, the switch may be worn out and require replacement.
Switch feels stiff or stuck	Debris in mechanism; Physical damage.	Ensure no foreign objects are obstructing the rocker. If damaged, replace the switch. Do not force the switch.

If troubleshooting steps do not resolve the issue, contact a qualified electrician or the product supplier for assistance.

Warranty and Support

Specific warranty information for the JEC JS-606P rocker switch is typically provided by the retailer or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims.
For technical support or inquiries, please refer to the contact information provided by your point of purchase or the manufacturer, QXNASU.
Manufacturer: QXNASU
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