

Legrand 092923

Legrand LEG92923 10A Cartridge Fuses Instruction Manual

Model: 092923

1. INTRODUCTION

This manual provides essential information for the safe and effective use of Legrand LEG92923 10A Cartridge Fuses. These fuses are designed for the protection of electrical circuits against short circuits. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Always disconnect power before installing or replacing fuses.

- Ensure the fuse rating matches the circuit requirements. Using an incorrect fuse rating can lead to fire or damage to equipment.
- Only qualified personnel should perform electrical work.
- Do not attempt to repair a blown fuse. Replace it with a new one of the same type and rating.
- Keep fuses out of reach of children.

3. PRODUCT OVERVIEW

The Legrand LEG92923 is a set of three domestic cylindrical cartridge fuses, each rated at 10 Amperes. They feature an indicator for easy identification of a blown fuse. These fuses are designed to interrupt the flow of excessive current, thereby protecting electrical appliances and wiring from damage due to overcurrents or short circuits.



Image 3.1: Legrand LEG92923 10A Cartridge Fuses in their original packaging, illustrating the dimensions (10.3 mm diameter, 25.8 mm length) and the 10A rating. The packaging clearly shows three fuses.

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3 CARTOUCHES FUSIBLES
10 A - 10,3 x 25,8 mm

0 929 23

Ø 10,3 mm

10 A

CHOIX SIM

Jaune	
Rouge	
Vert	
Bleu	
Marron	10,3

TT0 NII

shes
33

The image shows three cylindrical fuses stacked vertically. Each fuse has a grey body with technical markings including 'legrand', '10A', and '10,3x25,8'. The ends of the fuses are made of a metallic material. In the background, there is a technical diagram of a fuse holder with a circular opening labeled 'Ø 10,3 mm' and a rectangular slot labeled '10 A'. Below the diagram is a table titled 'CHOIX SIM' with five rows and two columns. The first four rows are empty, and the fifth row contains 'Marron' and '10,3'. To the right of the diagram, there is a vertical label 'TT0 NII' and some partially visible text 'shes' and '33'.

Image 3.2: A close-up view of the Legrand LEG92923 10A Cartridge Fuses, showing the individual fuses with their markings and cylindrical design. This image provides a clear view of the product outside its packaging.

Key Features:

- **Capacity:** 10 Amps
- **Dimensions:** 10.3 x 25.8 mm
- **Indicator:** Yes
- **Quantity:** Set of 3

4. SETUP AND INSTALLATION

These cartridge fuses are designed for through-hole mounting in appropriate fuse holders or fuse boxes. Follow these general steps for installation:

1. **Disconnect Power:** Before beginning any work, ensure that the main power supply to the circuit is completely disconnected at the circuit breaker or main switch. Verify with a voltage tester.
2. **Identify Fuse Holder:** Locate the fuse holder where the new fuse needs to be installed or the old fuse needs to be replaced.
3. **Insert Fuse:** Carefully insert the Legrand LEG92923 cartridge fuse into the designated fuse holder. Ensure it is seated firmly and correctly.
4. **Restore Power:** Once the fuse is securely in place, restore power to the circuit.

Consult your appliance or electrical panel manual for specific fuse holder types and installation procedures.

5. OPERATING PRINCIPLE

Legrand LEG92923 cartridge fuses operate as sacrificial devices designed to protect electrical circuits. When an overcurrent condition (such as a short circuit) occurs, the metallic element inside the fuse melts due to the excessive heat generated. This melting action breaks the circuit, stopping the flow of electricity and preventing damage to the connected equipment or wiring. The integrated indicator provides a visual cue when the fuse has blown.

6. MAINTENANCE

Fuses are maintenance-free components. They are designed for single-use protection. If a fuse blows, it must be replaced. Do not attempt to repair or bypass a blown fuse.

Fuse Replacement:

1. **Disconnect Power:** Always turn off the power to the circuit before attempting to replace a fuse.
2. **Identify Blown Fuse:** The indicator on the Legrand LEG92923 fuse will show if it has blown.
3. **Remove Old Fuse:** Carefully extract the blown fuse from its holder.
4. **Install New Fuse:** Insert a new Legrand LEG92923 fuse (10A, 10.3 x 25.8 mm) into the holder, ensuring it is correctly seated.
5. **Restore Power:** Turn the power back on. If the new fuse blows immediately, there may be an underlying electrical fault that requires professional attention.

7. TROUBLESHOOTING

If a circuit stops working, the first step is often to check the fuse. If a Legrand LEG92923 fuse has blown (indicated by its

internal indicator), it means it has successfully protected the circuit from an overcurrent event.

- **Fuse Blows Immediately After Replacement:** This indicates a persistent short circuit or overload in the electrical system. Do not continue to replace fuses without addressing the root cause. Disconnect the appliance or circuit and consult a qualified electrician.
- **No Power, Fuse Appears Intact:** Check other components in the circuit, such as the circuit breaker or the appliance itself. The issue might not be fuse-related.

Always prioritize safety. If you are unsure about any electrical issue, contact a professional electrician.

8. SPECIFICATIONS

Attribute	Value
Brand	Legrand
Model Number	092923
Part Number	LEG92923
ASIN	B009E6K07O
AC Adapter Current (Capacity)	10 Amps
Item Dimensions (L x W x H)	0.39 x 1.57 x 4.33 inches (approx. 10.3 x 25.8 mm)
Material	Plastic (housing), Metallic (fuse element)
Mounting Type	Through-Hole Mount
Item Weight	0.64 ounces
Quantity	3 per set
Color	Gray
Batteries Required/Included	No

9. WARRANTY AND SUPPORT

For warranty information and technical support regarding Legrand products, please refer to the official Legrand website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Legrand Customer Service: Please visit www.legrand.us for contact details and further assistance.