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› Stens 425-713 In-Line Fuse Holder (ATP Style) Instruction Manual

Stens 425-306

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Model: 425-306

INTRODUCTION

This manual provides instructions for the proper installation and use of the Stens 425-713 In-Line Fuse Holder, ATP Style. Please read this manual thoroughly before installation and operation to ensure safe and effective use.



Image: Stens 425-713 In-Line Fuse Holder. This image displays the red in-line fuse holder with its attached wires, designed to house an ATP (blade) style fuse.

SAFETY INFORMATION

WARNING:

- Always disconnect the power source before installing or servicing electrical components to prevent electric shock.
- Ensure the fuse holder is rated for the voltage and current of the circuit it will protect.
- Use only the specified ATP (blade) style fuses. Using incorrect fuses can lead to electrical system damage or fire.
- Consult a qualified electrician if you are unsure about any installation steps.

SETUP AND INSTALLATION

The Stens 425-713 In-Line Fuse Holder is designed for easy integration into 12-gauge wiring systems. It is suitable for ATC (plug-in) fuses.

Required Tools and Materials:

- Wire strippers
- Crimping tool (if using crimp connectors)
- Electrical tape or heat shrink tubing
- Appropriate ATP (blade) style fuse (not included)

Installation Steps:

1. **Disconnect Power:** Before beginning, ensure the power source to the circuit is completely disconnected.
2. **Identify Installation Point:** Determine the location in the circuit where the fuse holder will be installed. This should be as close as possible to the power source of the component being protected.
3. **Cut and Strip Wires:** Cut the circuit wire at the desired installation point. Strip approximately 1/2 inch (1.27 cm) of insulation from the ends of the circuit wires and the wires of the fuse holder.
4. **Connect Wires:** Connect one end of the fuse holder wire to one end of the circuit wire. Connect the other end of the fuse holder wire to the other end of the circuit wire. Ensure connections are secure. This can be done by soldering, using crimp connectors, or other appropriate electrical connection methods.
5. **Insulate Connections:** Properly insulate all exposed wire connections using electrical tape or heat shrink tubing to prevent short circuits and corrosion.
6. **Insert Fuse:** Open the fuse holder cover and insert the correct ATP (blade) style fuse into the terminals. Ensure the fuse is seated firmly.
7. **Close Cover:** Close the fuse holder cover securely to protect the fuse from environmental elements.
8. **Restore Power:** Once all connections are secure and insulated, restore power to the circuit.

OPERATION

The Stens 425-713 In-Line Fuse Holder operates passively by housing a fuse that protects an electrical circuit. When an overcurrent condition occurs, the fuse inside the holder will blow, interrupting the circuit and preventing damage to connected components.

Fuse Replacement:

1. **Identify Blown Fuse:** If a component in the circuit stops working, the fuse may have blown. Visually inspect the fuse through the clear top (if applicable) or remove it for inspection.
2. **Disconnect Power:** Always disconnect the power to the circuit before replacing a fuse.
3. **Open Holder:** Open the fuse holder cover.
4. **Remove Old Fuse:** Carefully pull out the blown fuse.
5. **Insert New Fuse:** Insert a new fuse of the **exact same amperage rating and type (ATP blade style)**. Never use a fuse with a higher amperage rating than specified, as this can lead to severe damage or fire.
6. **Close Cover:** Close the fuse holder cover securely.
7. **Restore Power:** Restore power and test the circuit. If the new fuse blows immediately, there may be a short circuit or other electrical issue that needs to be diagnosed by a professional.

MAINTENANCE

The Stens 425-713 In-Line Fuse Holder requires minimal maintenance. Regular inspection is recommended to ensure optimal performance.

- **Periodic Inspection:** Periodically check the fuse holder and its connections for signs of corrosion, damage, or loose wiring.
- **Cleanliness:** Keep the fuse holder free from dirt, moisture, and debris.
- **Secure Cover:** Ensure the fuse holder cover remains securely closed to protect the fuse from environmental exposure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Component not receiving power.	Blown fuse.	Replace the fuse with one of the correct amperage rating. Investigate the cause of the blown fuse (e.g., short circuit, overload).
Fuse blows immediately after replacement.	Short circuit or severe overload in the protected circuit.	Do not replace the fuse again until the underlying electrical issue is identified and resolved. Consult a professional electrician.
Loose connections or corrosion.	Poor electrical contact.	Disconnect power, inspect connections, clean any corrosion, and re-secure all wiring.

SPECIFICATIONS

- **Model:** Stens 425-306 (also referred to as 425-713)
- **Fuse Type:** ATP (blade) style
- **Wire Gauge:** 12 AWG
- **Material:** Alloy Steel, Ceramic, Copper (for internal components and contacts), Plastic (for housing)
- **Mounting Type:** In-line (Through-Hole Mount for internal fuse contacts)
- **Dimensions (L x W x H):** Approximately 1 x 1 x 1 inches (housing only, excluding wires)
- **Item Weight:** 1.06 ounces
- **UPC:** 023899052110, 034888052110

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Stens 425-713 In-Line Fuse Holder, please refer to the official Stens website or contact Stens customer service directly. Keep your purchase receipt for warranty claims.

Stens Official Website: [Visit the Stens Store on Amazon](#)

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