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› GKEEMARS KV211 Wire Connector Instruction Manual

GKEEMARS KV211

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Model: KV211

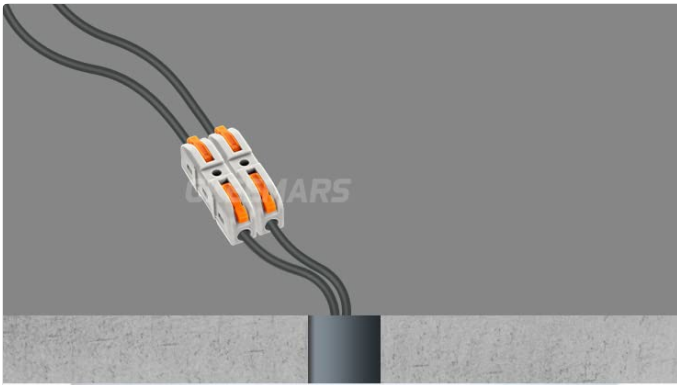
INTRODUCTION

The GKEEMARS KV211 1-Conductor Compact Splicing Wire Connectors are designed for secure and efficient electrical connections. These connectors offer a reliable alternative to traditional wiring methods, suitable for various applications.

- **Safety and Reliability:** Constructed from insulated, flame-retardant material, these connectors offer corrosion resistance, aging resistance, and high-pressure resistance, contributing to a long service life and preventing electrical leakage.
- **Efficient Design:** The lever-operated design simplifies wiring, potentially reducing installation time compared to traditional methods. This design promotes cleaner and more space-efficient connections with reduced maintenance requirements.
- **Broad Compatibility:** Suitable for joining both braided and solid wires, as well as wires of different sizes. Compatible with wire sizes ranging from 0.2-4mm² (AWG24-12).
- **Practical and Reusable:** These connectors are designed for various applications including motor control, electrical power supply, home appliances, lighting, and general machinery wiring. Each junction features independent shrapnel, allowing separate management of different wires for enhanced safety and product quality.

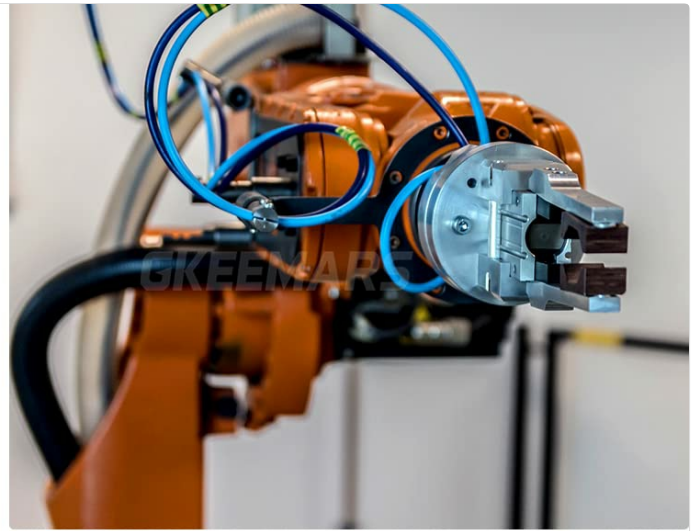


A collection of GKEEMARS KV211 compact splicing wire connectors, featuring their distinctive orange levers and gray bodies, ready for use.



Applicable for various wiring situations

The lever connector kit can be used for motor, electrical control, power supply, home appliance, lighting, machinery and other wire connection parts.



This image illustrates the versatility of GKEEMARS wire connectors in different electrical applications, such as connecting wires for lighting fixtures, industrial machinery, surveillance systems, and general household wiring.

PACKAGE CONTENTS

Each package contains:

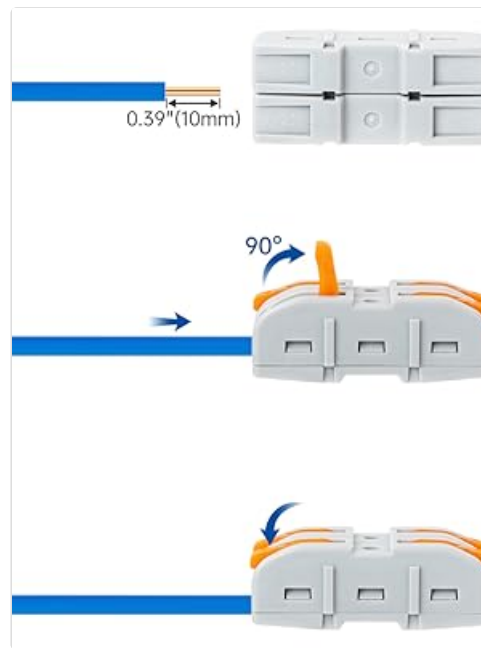
- 20 x GKEEMARS KV211 1-Conductor Compact Splicing Wire Connectors

SETUP AND INSTALLATION

Follow these steps for proper and secure wire connection:

1. **Prepare the Wire:** Strip the insulation from the wire to a length of approximately 0.39 inches (10mm). Ensure the stripped wire end is straight.
2. **Open the Lever:** Push the orange lever on the connector upwards to a 90-degree angle.

3. **Insert the Wire:** Fully insert the stripped wire lead into the open port of the connector.
4. **Secure the Connection:** Press the orange lever down firmly until it is flush with the connector body. This action clamps the wire securely.



A visual guide demonstrating the three simple steps to connect a wire with the GKEEMARS KV211: first, strip the wire to 10mm; second, lift the orange lever to 90 degrees and insert the stripped wire; third, push the lever down to secure the connection.

The GKEEMARS KV211 connectors facilitate quick and easy wire connections without the need for twisting, electrical tape, or soldering.

Connect wires easily and quickly

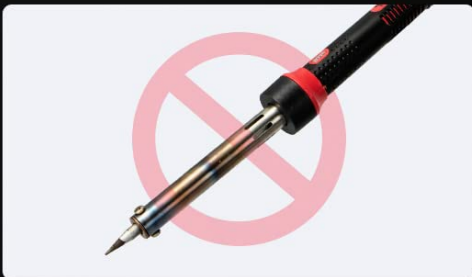
reusable without damaging wires



No Twisting!



No Tape!



No Soldering!



This image highlights the ease and efficiency of GKEEMARS KV211 connectors, illustrating how they securely join multiple wires (red, green, blue, yellow) in a clean, organized manner, eliminating the need for traditional methods like twisting, electrical tape, or soldering.

OPERATION

The KV211 connectors are designed for versatility with various wire types:

- **Solid Wire (BV):** Compatible with 0.2-4mm² (AWG24-12).
- **Stranded Wires (BVR):** Compatible with 0.2-4mm² (AWG24-12).
- **Flexible Wires (RV):** Compatible with 0.2-2.5mm² (AWG24-14).

To disconnect a wire, simply reverse the installation steps: lift the orange lever to 90 degrees, pull the wire out, and then close the lever.

MAINTENANCE

GKEEMARS KV211 connectors require minimal maintenance. For optimal performance and safety:

- Periodically inspect connections for any signs of damage or loose wires.
- Ensure connectors are kept clean and free from dust or debris.
- Do not expose connectors to excessive moisture or extreme temperatures beyond their specified operating conditions.

TROUBLESHOOTING

If you encounter issues with your GKEEMARS KV211 connectors, consider the following:

- **Loose Connection:** Ensure the wire is stripped to the correct length (10mm) and fully inserted before closing the lever. The lever should be pressed down completely.
- **Wire Not Fitting:** Verify that the wire gauge is within the specified range (0.2-4mm² / AWG24-12 for solid/stranded, 0.2-2.5mm² / AWG24-14 for flexible).
- **Damaged Connector:** If a connector appears physically damaged, do not use it. Replace it with a new one.
- **Electrical Issue:** If an electrical circuit is not functioning after connection, check all wiring for continuity and proper installation. Consult a qualified electrician if necessary.

TECHNICAL SPECIFICATIONS



Model: KV211
Rated Voltage: 600V
Rated Current: 32A

CE 20Pack

A detailed diagram providing the physical dimensions of the GKEEMARS KV211 connector and its electrical ratings.

Feature	Specification
Model Number	KV211
Product Dimensions	0.81 x 0.49 x 0.57 inches (20.57 x 12.45 x 14.48 mm)
Weight	Approximately 3.21 ounces (for 20 pieces)
Color	Orange (lever) / Gray (body)
Connector Type	Lever
Contact Material	Nickel Chromium Alloy Steel
Insulation Material	Polyvinyl Chloride
Terminal Type	Lever Terminal

Rated Voltage	600V
Rated Current	32A
Wire Compatibility	0.2-4mm ² / AWG24-12 (Solid & Stranded), 0.2-2.5mm ² / AWG24-14 (Flexible)

WARRANTY INFORMATION

For specific warranty details, please refer to the product packaging or contact GKEEMARS customer support directly. General warranty terms typically cover manufacturing defects for a limited period from the date of purchase.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact GKEEMARS customer support through the retailer where the product was purchased or visit the official GKEEMARS website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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