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S and R Crimping Tool Terminal Crimping Pliers User Manual

USER MANUAL

Contents

Crimping Tool Terminal Crimping Pliers

WARNING! Use personal protective equipment.
Follow the instruction.

The user manual covers the following products:

580.075.016 S&R Crimping Pliers 075-016

Purpose

The S&R 075-016 crimping pliers are designed for crimping ferrules and cable lugs. They ensure a secure connection between wires and terminals and are used for electrical connections with a wire crosssection from 0.75 mm to 16 mm. This tool is ideal for both professional and home use.

Key Specifications of the Tool

- Compatible terminals: The tool supports the following terminal sizes: 0.75 mm², 1 mm², 1.5 mm², 2.5 mm², 4 mm², 6 mm², 10 mm², and 16 mm². These sizes correspond to standard wire cross-sections used in electrical installation work.
- Crimping jaw design: The tool jaws are equipped with clearly marked slots corresponding to each terminal size, ensuring precise crimping and reliable connections.
- Tool dimensions: The total length of the tool is 190 mm, making it compact and convenient for working in confined spaces.
- Materials: Made of high-quality steel for durability and strength. The handles feature ergonomic, non-slip grips for comfort during extended use.

Safety Precautions when Working with the Tool

3.1. The work area should be clean, well-lit, and ventilated. Organize your tools and materials carefully and neatly.
3.2. Keep children and unauthorized persons away from the work area.
3.3. The tool is not intended for use by children.
3.4. Use the tool only for its intended purpose.
3.5. Always check the tool for damage, cracks, or wear before use.
3.6. Wear personal protective equipment, such as safety goggles or a face shield, and gloves to avoid hand injuries.
3.7. Do not apply excessive force to the tool to avoid damage or breakage.
3.8. Keep your hands away from moving parts of the tool.
3.9. Use clamps or vices to hold workpieces securely; do not hold them by hand during use.
3.10. Keep the tool's handles and gripping surfaces clean and free of oil or other slippery substances.
3.11. Be cautious of sharp parts of the tool and store it safely out of the reach of children.
3.12. Hold the tool firmly with both hands during use for better control.
3.13. If the tool is damaged or worn out, stop using it immediately.
The company is not responsible for improper use of the tool or its use while damaged. Following these safety precautions will help prevent injuries and ensure a safe working environment.

Preparing the Tool for Work

- Check the tool for any damage or dirt before use.
- Clean the tool of dust and any residue from previous work.

- Ensure that the moving parts of the tool operate smoothly and without sticking.
- Select the appropriate terminal size based on the wire cross-section.
- Ensure that the terminal is securely fixed in the tool's slot before starting the crimping process.

Usage

1. Select the appropriate terminal size based on the wire cross-section.
2. Insert the terminal into the corresponding slot in the tool jaws.
3. Insert the stripped end of the wire into the terminal.
4. Secure the terminal in the crimping pliers and squeeze the handles fully to ensure even pressure and a secure crimp.
5. Release the handles and remove the crimped terminal.
6. Check the quality of the connection to ensure the wire is securely held in the terminal.

Tool advantages:

- Ease of use: The compact size and ergonomic handles allow for comfortable, extended use.
- Wide application range: Suitable for both home and professional electricians.
- Durability: The tool is made of high-quality materials, ensuring long service life.

Maintenance

- Regularly clean the tool from dust and cable residue.
- Apply lubricant to moving parts to ensure smooth operation.
- Store the tool in a dry place, away from moisture and chemicals.
- Replace the tool if signs of wear or damage are detected.

Storage and Transportation

- Store the tool in a closed position.
- Keep the tool in a dry and clean place.
- Avoid mechanical damage to the tool during transportation.

Disposal

This product is made from materials that do not naturally decompose.
Improper disposal may result in environmental pollution. To protect the environment and efficiently use natural resources, dispose of the tool and its packaging in accordance with local regulations.

S&R Industriewerkzeuge GmbH
Industriestr. 51, 79194
Gundelfingen, Germany

Documents / Resources

S and R Crimping Tool Terminal Crimping Pliers [pdf] User Manual
075-016, Crimping Tool Terminal Crimping Pliers, Tool Terminal Crimping Pliers, Crimping Pliers

References

- **S Das Portal für Werkzeuge. Anbieter D-A-CH-Region**
- **User Manual**