# LX-03C Crimping Tool for Insulated Terminals and Connectors 0.5–6 mm² (20–10 AWG)

**Crimp | 0.5–6 mm² / 20–10 AWG | 230 mm**



## 1. GENERAL DESCRIPTION

The LX-03C is a 230 mm manual hand crimping tool for insulated terminals and connectors on 0.5–6 mm² (20–10 AWG) wire. Three crimping positions match the common wire size groups, and the tool weighs only 0.6 kg, making it practical for general electrical installation and repair work.

## 2. KEY FEATURES

- Crimps insulated terminals and connectors, 0.5–6 mm² (20–10 AWG)
- Three crimping positions: 0.5–1.5 mm² (20–16 AWG), 2.5 mm² (14 AWG), 4–6 mm² (12–10 AWG)
- Manual squeeze action, no power source needed
- Compact 230 mm body, lightweight at 0.6 kg
- [Steel construction with insulated grips — confirm]

## 3. APPLICATIONS

- Crimping insulated terminals and connectors on electrical wiring
- Panel wiring and general electrical installation, repair and maintenance
- [Crimping ferrules and pin terminals — confirm]

## 4. COMPATIBLE TERMINALS & WIRE SIZES

- Crimping range: insulated terminals and connectors, 0.5–6 mm² (20–10 AWG)
- Position 1: 0.5–1.5 mm² (20–16 AWG)
- Position 2: 2.5 mm² (14 AWG)
- Position 3: 4–6 mm² (12–10 AWG)
- Not for RJ45 / modular plugs or wire above 10 AWG (6 mm²)

## 5. TOOL SPECIFICATIONS

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|---|---|
| **Model** | LX-03C |
| **Function** | Terminal and connector crimping |

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| **Compatible Terminals** | Insulated terminals and connectors, 0.5–6 $mm^2$ (20–10 AWG) |
| **Die Type** | Crimping dies for insulated terminals: 0.5–1.5, 2.5 and 4–6 $mm^2$ |
| **Action** | Manual squeeze |
| **Body / Handle** | [Steel body; insulated grips — confirm] |
| **Crimp Range** | 0.5–6 $mm^2$ / 20–10 AWG |
| **Length** | 230 mm |
| **Weight** | 0.6 kg |
| **Supplied With** | [Tool only] |

## 6. USAGE & MAINTENANCE

- Strip the wire to the length required by the terminal and select the crimping position that matches the wire size.
- Insert the stripped wire fully into the terminal, position the barrel in the matching die and squeeze the handles firmly until the tool completes its stroke.
- Pull on the wire to check the crimp; if it is loose, discard the terminal and re-crimp with a new one.
- Always disconnect power before use; do not use on wire above the rated size or to cut hardened steel.
- Keep the tool clean and dry, and oil the pivot occasionally.