

Datasheet: HX-50B Cold Pressure Terminals

Product Overview

The HX-50B series cold pressure terminals are designed for efficient and reliable electrical connections. These terminals are suitable for a wide range of wiring applications and ensure secure, durable connections with minimal effort.



Key Features

- **Easy Operation:** Simple "press-and-done" mechanism for quick installation.
- **Durable & Stable:** High-quality materials ensure long-term reliability and resistance to wear.
- **Secure Connection:** Press-fit design prevents loosening or detachment.
- **Versatile Application:** Compatible with various wiring terminals.

Technical Specifications

Parameter	Details
Model	HX-50B
Crimping Range	6–50mm ²
Standard	10-1/0 AWG (American Wire Gauge)
Weight (Iron)	Approx. 1.5kg
Weight (Aluminum)	Approx. 1.1kg
Clamp Thickness	5mm
Application	Cold pressure terminals

Application Scenarios

- Industrial wiring systems
 - Electrical panels and control cabinets
 - Automotive and machinery wiring
 - Renewable energy installations
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Usage Instructions

1. **Strip the Wire:** Expose the conductor by stripping the insulation from the wire end.
 2. **Insert Terminal:** Place the stripped wire into the terminal clamp.
 3. **Press Firmly:** Use a pressing tool to secure the terminal onto the wire.
 4. **Complete:** Remove the terminal from the tool—ready for connection.
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Advantages

- **Time-Saving:** Streamlined process reduces installation time.
- **Consistent Quality:** Uniform pressure ensures reliable connections every time.
- **Cost-Effective:** Reduces labor and material waste.