

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

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.

Advantages

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