

Article Overview

Electrical distribution boxes range widely in price depending on size, capacity, material, and features, from basic small boxes around \$50-\$200 to premium or large industrial units exceeding \$1,000.

Small Distribution Boxes

Small distribution boxes, suitable for residential or light commercial use, typically range from 32A to 125A with multiple circuit options. Prices vary based on material (thermoplastic or metal), IP rating, and safety features such as residual current protection and surge protection. Surface-mounted models are generally more affordable than flush-mounted options. Standard small boxes can cost approximately \$50-\$200, while premium models with advanced safety features or higher amperage may reach \$300-\$500 per unit (Chineng Electric) .

Medium and Industrial Distribution Boxes

For larger commercial or industrial applications, distribution boxes include modular designs, higher amperage ratings, and additional protective devices. Prices depend on the number of circuits, load capacity, and customization options. Typical medium-sized units range from \$400-\$1,000, while fully customized or OEM-branded industrial boxes can exceed \$1,500-\$3,000 per unit (Sunnom, Made-in-China) .

Wholesale and OEM Options

Manufacturers often provide factory-direct pricing for bulk orders, which reduces per-unit cost. Wholesale options may include modular cabinets, IP-rated enclosures, and custom busbar configurations. Prices for bulk or OEM orders can start as low as \$100 per unit for basic models, with discounts for larger volumes (Global Sources, Made-in-China) .

Branded and Specialized Boxes

Brands like Hensel offer detailed price lists for cable junction boxes, weatherproof enclosures, and distribution boards. Prices vary by size and cable capacity:

- o Small cable junction boxes (0.75-4 sq.mm) range from \$50-\$200.
- o Medium boxes (10-25 sq.mm) range from \$400-\$1,400.
- o Large outdoor or weatherproof boxes (16-50 sq.mm) can cost \$1,500-\$8,000 depending on IP rating and material (Slideshare Hensel price list) .



Price list of complete electrical distribution boxes

Key Factors Affecting Price

- o Amperage and circuit capacity - Higher amperage and more circuits increase cost.
 - o Material quality - Metal enclosures are more expensive than thermoplastic.
 - o IP rating - Weatherproof or dustproof boxes cost more.
 - o Safety features - Surge protection, residual current devices, and earthing systems add to price.
 - o Customization - OEM branding, modular layouts, and special cable entry options increase cost.
 - o Volume - Bulk orders reduce per-unit cost significantly.
- This comprehensive overview allows electrical contractors, facility managers, and procurement specialists to compare models, plan budgets, and select boxes that meet both technical and financial requirements.

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Distribution boxes act as the central hub, receiving the main electrical supply and dividing it into designated circuits for

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This document lists various cable junction boxes, distribution boards, and enclosures with their sizes, catalog numbers, and prices. It



Price list of complete electrical distribution boxes

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DB boxes, also known as Distribution Box, are essential components in any electrical system. They serve as the main hub for

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