

Price of a hole drill for electrical distribution boxes



AI Overview

The cost of drilling holes in electrical distribution boxes typically ranges from \$20 to \$60 per hole for small to medium enclosures, with larger or specialized boxes costing more depending on material, size, and labor.

Factors Affecting Cost

- Type of Electrical Box
 - Standard breaker panels or fuse boxes require careful drilling to avoid damaging internal components, often using specialized drill bits and safety precautions .
 - Explosion-proof or industrial distribution boxes may require slower drilling, protective shims, and post-drilling inspection to maintain safety ratings .
- Material of the Box
 - Metal enclosures (steel or aluminum) are more expensive to drill than plastic boxes due to the need for step drills, sheet metal punches, or drill presses .
 - Harder metals or thicker panels increase labor time and tool wear, raising costs.
- Hole Size and Quantity
 - Small clearance holes (e.g., 20mm for cable glands) are less expensive, while larger or multiple holes increase cost .
 - Each additional hole adds labor and potential inspection requirements.
- Labor and Safety Considerations
 - Licensed electricians or trained technicians are recommended for drilling live or s...

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