

Price of contactor circuit for distribution box

Article Overview

Contactor circuits for distribution boxes typically range from \$20 to \$150 depending on type, current rating, and brand.

Types and Price Ranges

- o **Modular Contactors:** Compact, DIN-rail mounted contactors suitable for residential, commercial, and industrial distribution boxes. Prices generally range from \$20 to \$80 depending on current rating and features such as overload protection and safety contacts .
- o **TPN (Three-Phase) Contactors:** Designed for three-phase loads like motors, heating, and lighting circuits. These robust devices are priced higher, typically \$50 to \$150, depending on coil voltage, contact configuration, and manufacturer .
- o **Installation Contactors (Eaton examples):** Single-phase or multi-contact contactors for distribution boards, with ratings like 20A and coil voltages from 8V to 230V AC/DC. Prices for these units usually fall in the \$25 to \$70 range .

Factors Affecting Price

- o **Current Rating:** Higher amperage contactors cost more due to larger contacts and stronger coils.
- o **Coil Voltage:** AC or DC coil voltage options can influence pricing.
- o **Number of Contacts:** Single, double, or multiple NO/NC contacts affect cost.
- o **Brand and Certification:** ABB, Eaton, and other reputable brands may be priced higher but offer reliability and compliance with safety standards .
- o **Additional Features:** Safety contactors, overload protection, and modular designs for easy installation can increase the price .

Summary

For a standard distribution box, expect to pay around \$20-\$80 for modular single-phase contactors and \$50-\$150 for three-phase or high-current TPN contactors. Always check the manufacturer's catalog or supplier for the most accurate pricing and availability, as prices may vary by region and supplier .

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Contactors and contactor relays To keep things running you need control ABB offers a comprehensive

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selection of contactors for

Electrical Wiring Installation of the Distribution Board with RCD (Single Home Phase Supply From Utility Pole & Energy Meter to the

Contactors are most commonly used with electric motors and lighting applications. Relays are used for

Learn about contactors, their key components, different types, working principles, and common applications in

Electronic components distributor with a huge selection in stock and ready to ship with no minimum orders. New electronic parts

The document contains listings of various circuit breakers, contactors, and other electrical components from different manufacturers

These Siemens Price Lists contains: Betagard Circuit Breakers - 5SL6, 5SL4, 5SL7, 5SP4, 5SL5 series of MCBs with both C curve

Contactors Working Principles Contactors" working principle is based on electromagnetic switching, which allows for

Installation contactors Modular DIN rail components ABB's hum-free installation contactor designs offer a wide range of ratings from

Shop a wide range of electrical contactors including AC, DC, single-phase and 3-phase types. Trusted

EuroControls Euro Modular Power Contactor ECMC Series - Volts 230 AC - Copper coil heavy duty - Low switching noise - Din

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This introductory guide to contactors aims to provide clear and comprehensive answers to common questions about

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