

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

A30-30-10

ABB Three-pole power contactor

01 PRODUCT IDENTIFICATION

Manufacturer	ABB
Exact model	A30-30-10
Product family	ABB A-series contactors
Component class	Three-pole power contactor
Primary function	Three normally-open main poles

02 CONFIRM THE ORDERED CONFIGURATION

Signal or Power Path	One normally-open auxiliary contact
System Interface	DIN rail or panel mounting
Mounting Arrangement	Screw power terminals
Configuration Reference	A-series block contactor
Replacement Control	Record wiring and companion hardware
Commissioning Check	Verify coil pickup, dropout and contact state

03 PREPARATION AND SAFETY

Only qualified personnel should install A30-30-10. Isolate every applicable energy source, prove a safe state, use ESD protection where required, and retain the controlled ABB instructions at the work location.

04

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

VERIFY

Confirm the complete A30-30-10 identity and ABB A-series contactors application.

2

DOCUMENT

Record a-series block contactor, adjacent hardware, labels and connections.

3

ISOLATE

Apply site lockout, discharge, absence-of-voltage and ESD controls appropriate to the equipment.

4

REMOVE

Support the Three-pole power contactor; release fasteners and connectors without forcing or distorting the assembly.

5

COMPARE

Match One normally-open auxiliary contact, interfaces, mechanical design and companion hardware.

6

INSTALL

Seat and retain the replacement evenly; restore documented wiring, shields, earth paths or mechanical covers.

7

COMMISSION

Verify coil pickup, dropout and contact state

MANUFACTURER DOCUMENT APPLICABILITY

The appended ABB manufacturer documentation provides the product-family identity, configuration, connection or service information used for this installation reference. Apply only the sections that match the exact installed hardware.

05 PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identity	Exact A30-30-10 and manufacturer markings confirmed
Mechanical	A-series block contactor correctly seated and retained
Connections	Screw power terminals and documented interfaces restored
Configuration	Record wiring and companion hardware reviewed against the approved record
Functional test	Verify coil pickup, dropout and contact state
Documentation	Photos, settings, test results and replaced-part identity retained

06 CONTROLLED DOCUMENTS

ABB MANUFACTURER DOCUMENTATION

Source: <https://www.amikong.com/ABB-c37.html>. Use the manufacturer manual and the site-controlled drawings for terminal functions, torque values, firmware or software conditions, safety limits and final acceptance criteria.

DO NOT INFER UNDOCUMENTED VALUES

Do not infer compatibility, electrical ratings, terminal functions, replacement status or configuration from appearance or a partial model number.

AMIKON PRODUCT SUPPORT

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