



Mini contactors
Extra small for cost effective
solutions

Power and productivity
for a better world™



Cost effective solutions

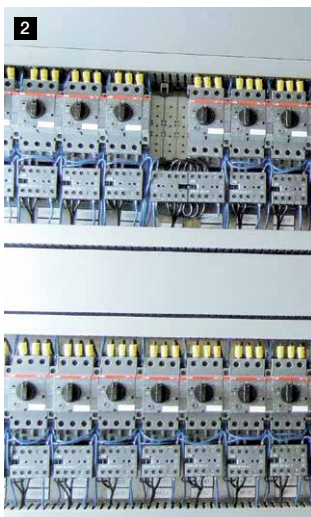
ABB's mini contactors are the smallest on the market. They have a 10 % smaller housing compared to competitor's products. The design has been optimized to meet the lowest space demand. This helps our customers can save space in panels and use the smallest enclosures.

Improve installation efficiency

Mini contactors are easy to install and easy to use in any position. They are designed to meet specific customer requirements when it comes to mounting and installation. The range offers different solutions for mounting: DIN rail, panel wall or soldering. The flat pin connection allows for quick and safe plug-in solutions.

Connecting links allow quick and secure motor starter combinations.

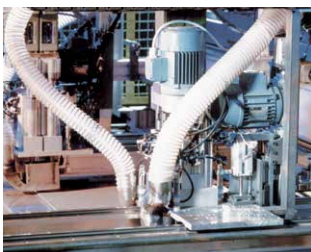
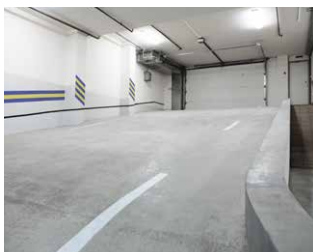
1. Mini contactors from ABB are ideally suited for applications where space is at a premium. | 2. Connecting links allow quick and secure motor starter combinations.



Energy efficiency

Mini contactors have reduced power losses and meet the market requirements for energy efficiency. The coil consumption values have been optimized to 1.4 ... 3.5 W and are suitable for direct control by PLC. The wide coil voltage range can manage voltage fluctuations in applications such as batteries and railways.

Typical applications include lifts, cranes, elevators, escalators, coffee machines, washing machines, air conditioning, cooling systems, PCB boards, power supply units and door controls.



Mini contactors with many coil variants

AC controlled coils

Generally used for motor and heating applications which work with AC voltage

DC controlled coils

Mainly used as standard application for panel building, OEM machinery, projects etc.

Interface types with DC controlled voltage coil

Used for applications which require low power consumption

Interface types with integrated surge suppression

These types combine low power consumption with integrated protection against current peaks, and they are mostly used for connection to PLC outputs

Wide range coil voltage types

Mainly used where voltage is not stable enough e.g. for batteries and railway applications

Technical data for main contacts

Switching of heatings (AC-1)	B6xx	B7xx
Rated operational current I_e	20 A	20 A
Rated operational power		
230 V AC 3 ~	6.4 kW	8.0 kW
400 V AC 3 ~	11.0 kW	13.8 kW
Switching of motors (AC-3)		
Rated operational current I_e	9 A	12 A
Rated operational power		
230 V AC 3 ~	2.2 kW	3.0 kW
400 V AC 3 ~	4.0 kW	5.5 kW



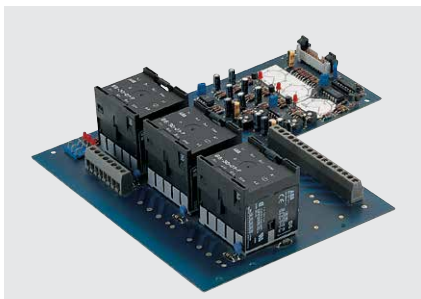
Global availability

The range is designed for international use and provides all major global approvals, which supports your competitiveness in different world markets. Available certificates and marks include CE, cULus, CCC, EAC and marine approvals, others on request

For detailed information and product selection please refer to <http://new.abb.com/low-voltage/products/motor-protection/3-pole-actuators-and-overload-relays-for-motor-starting>

3-pole and 4-pole contactors, contactor relays and reversing contactors available with:

- AC and DC coils
- Screws terminals
- Soldering pins for PCB boards
- Flat pin connection



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**You can find the address of your local sales organisation
on the ABB home page**

<http://www.abb.com/contacts> -> Low Voltage products

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