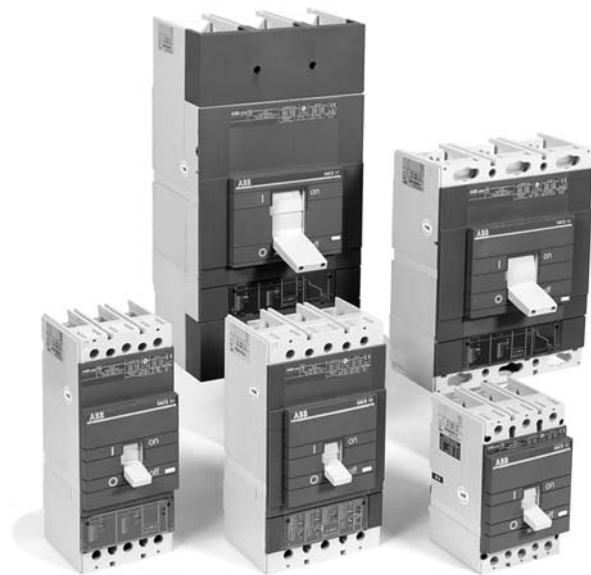


Isomax Molded case circuit breakers



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Introduction

ABB Isomax molded case circuit breakers are modern, innovative units designed after extensive analysis of the demands of today's market. These new units embody all the experience and advances derived from ABB's previous highly successful and acclaimed range of circuit breakers. ABB Isomax circuit breakers are designed for the total safety of both operators and systems. This complete and versatile series of circuit breakers can satisfy the most demanding system specifications.

ABB Isomax circuit breakers are ideal for all electrical power generation and distribution applications. The Isomax series maximizes safety and dependability for all power users. The new line is particularly suitable for applications involving special protection coordination needs and automated control systems.

ABB Isomax units also satisfy the most demanding requirements for rated current and fault current levels.

With the wide range of optional trip functions total system selectivity can be maximized.

- Continuous currents from 15A to 2500A
- Rated interrupting capacities from 14kA to 85kA (600VAC UL/CSA)
- Extended working life of all mechanical and electrical parts for continuity of operation
- Suitable for isolation applications
- UL/CSA 100% equipment rated versions

Frame sizes — seven basic sizes

The ABB Isomax series includes seven basic frame sizes with continuous rated currents from 15A to 2500A and with 600VAC interrupting capacities up to 85kA. The various versions have the following breaking capacity ratings:

- **B** basic breaking capacity
- **N** normal breaking capacity
- **H** high breaking capacity
- **L, V** very high breaking capacity

Derived versions

- Circuit breakers with selective and non-selective residual current protection
- Switch disconnectors
- Circuit breakers for motor control with adjustable magnetic release
- Circuit breakers for machine tools
- Circuit breakers for direct current

ABB Isomax versions

- Fixed: all models
- Plug-in: up to S5 400A (IEC)
- Withdrawable: from S3 to S7 1200A (IEC)
- UL File #E93565
- CSA File # LR90467