

Improved use

ABB Isomax circuit breakers — from Model S4 to S8 and starting from 40A are provided with microprocessor based modular relays.

These are available in two versions:

- ABB PR211: with overload and short-circuit protection
- ABB PR212: with overload protection, short-circuit protection, and ground fault protection.

This version can also be fitted with a dialog unit for connection to automation systems.

These reliable and precise relays are unaffected by electromagnetic disturbances. Minimal response tolerances ensure high precision in discrimination computations.

S1, S3 and selected versions of the S5 and S6 breakers are fitted with thermal-magnetic trip releases.

Flexible and modular construction simplify panel design and construction for:

- primary distribution (switchboards)
- motor control (MCC)
- secondary distribution (panelboards)
- panel builders (OEM & users)

- Standard modular dimensions
- Standard circuit breaker depths S3-S6
- Assembly onto DIN profile up to 400 A
- Full range of accessories
- Standard front flange:
 - for DIN 45mm cut-outs on S3-S5
 - for 105mm cut-outs on S3-S7.
- Handle operators:
 - flange type
 - variable depth rotary type
 - fixed depth rotary type

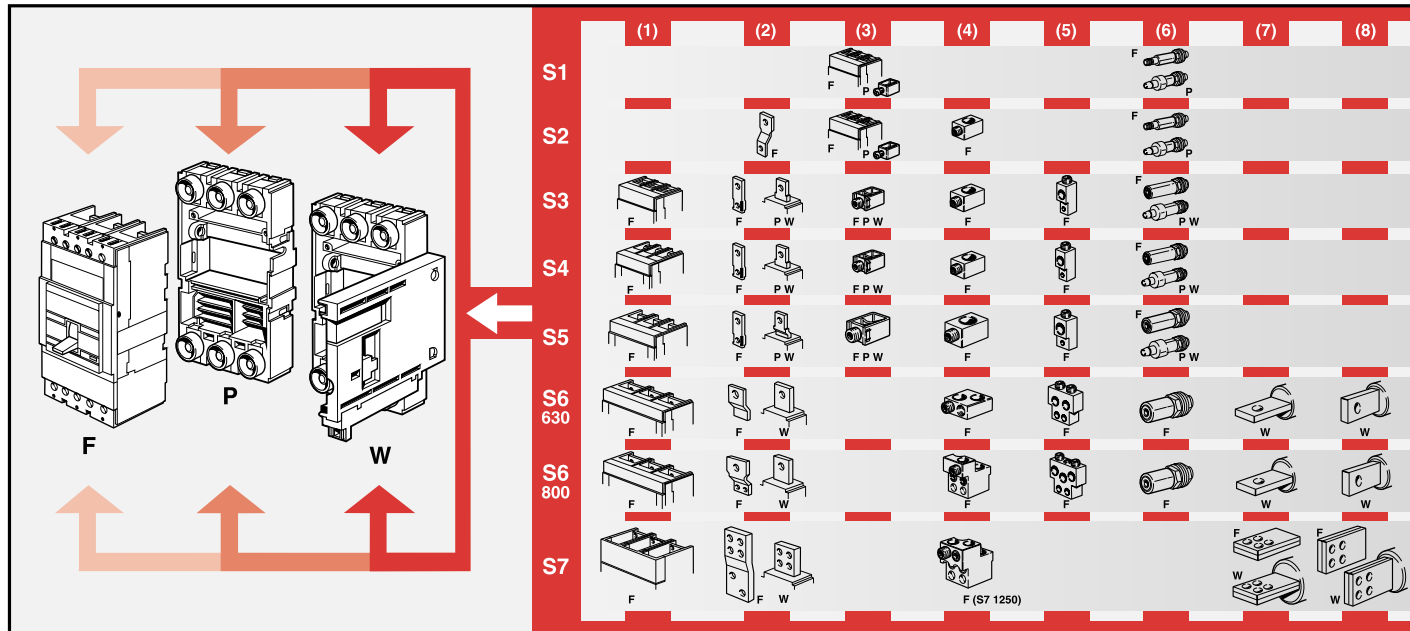


Maximum versatility

ABB Isomax circuit breakers can be fitted with a wide range of terminals for all types of connections.

Modular design also makes installation and assembly extremely simple.

The various terminal options can be fitted in different combinations in the same unit (e.g. one type at the top and another at the bottom). This makes ABB Isomax circuit breakers easy to adapt to any installation.



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| (1) Front | (5) CU rear cables |
| (2) Extended front | (6) Rear threaded |
| (3) CU front cable terminals (saddle type) | (7) Rear horizontal flat bar |
| (4) CU/AL front cables (standard type) | (8) Rear vertical flat bar |