

MINIATURE CIRCUIT BREAKERS

System pro M™ compact

Circuit protection according to UL 489 and UL 1077.



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01 Patented IP20 finger-safe terminals

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02 Contact position indication

We didn't change the market. We created it.

In 1923, Hugo Stotz made history by inventing a new and innovative circuit breaker that would revolutionize the world of electrical installation and safety. The combination of a thermal and magnetic trip unit in a single device became the “thermal-electromagnetical circuit breaker,” which was patented in 1924 as the first-ever resettable fuse. Because it could simply be screwed into existing fuse sockets, it was a huge success.

Today, the latest generation of ABB mini circuit breakers (MCBs) provides the highest level safety solutions for all types of electrical protection — and meets relevant standards worldwide. They protect installations against overload and short circuit to ensure reliability and safety for operations. ABB MCBs feature current-limiting technology, which reduces the risk of arc flash and increases protection of connected cables and loads. And they're available with a wide variety of accessories, enabling them to provide solutions for all types of applications.

Patented IP20 finger-safe terminals

Extended size with insulation for IP20 protection and new pressure plate for improved conductor connection available for S200 series. Innovative ring-lug terminals available (SU200MR and S200MR). S800U series MCBs are equipped with a convertible lug or ring-lug terminal.

Contact position indication

All System pro M compact MCBs are equipped with real contact position indication (CPI). This allows for quick identification of the MCB's state (on or off) and if maintenance is required. Working together, both the position of the toggle and the color of the CPI offer clear indication of the MCB's contact position for enhanced safety.



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System pro M compact

UL 489 and UL 1077 miniature circuit breakers

Approvals printed on the dome

SU200M MCBs comply with UL 489 and CSA 22.2 No. 5 and carry approvals for other relevant markets or segments in which they may be used. For ease of identification, certification markings are printed on the dome and on the side of the MCB.

Comfort connection

Dedicated busbars are available, depending on the application. The new cut-to-length UL Vario busbar is available for the SU200M. A special ring-lug busbar for the SU200MR and S200M was designed to fit these devices.

Maximum flexibility

Dual terminals with two separate slots allow for connections of busbars and cables in separate spots. They also allow for installation of up to four cables in each terminal (2+2).

When you need extra power

S800 series MCBs offer high performance in terms of current, voltage and short circuit interrupt ratings.

Lockout/tag out device

Since safety is always at the forefront, the new S200-LOTO devices can be added for use in a lockout/tag out program. The S200-LOTO devices are available in single- and multi-pole version.

Patented housing design

The SU200M range uses the latest halogen-free thermoplastic, making it possible to recycle the whole MCB and reduce environmental pollution.

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— 08 Patented housing design



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For more information, contact: