Miniature circuit breakers conform to UL 489, CSA 22.2 No. 5, and IEC/EN 60947-2 standards

The ABB Low Voltage Products division has introduced the new S200PR Ring Tongue family of high performance, current limiting miniature circuit breakers (MCBs) with ring tongue lug connections. The SU200PR range conforms to UL 489, CSA 22.2 No. 5 and IEC/EN 60947-2 standards. It is currently the only UL489 MCB on the market with rated current up to and including 35A for 480Y/277 VAC, and up to 63A for 240 VAC. The S200PR range Supplemental Protection conforms to UL1077, CSA 22.2 No. 235 and IEC /EN 60947-2 standards. Both ranges are available in 1, 2, 3 and 4 pole configurations, from 0.2A through 63A, and feature integrated captive screws that simplify the secure connection of cables, prevent installers from loosing the connection screws, provide extra protection and save time.

All markings on the new Ring Tongue MCBs are permanent laser markings, clearly visible from the front even when mounted in position on the DIN rail. These new miniature circuit breakers have a true Contact Position Indicator (CPI) that indicates the actual contact position, ensuring the display of fault conditions such as contacts that may be “welded” closed due to excessive fault. They also comply with the latest UL requirement for barriers of MCBs fitted with ring tongue terminals, and their structural material is a more flexible, recyclable Thermoplastic.

“Our goal in developing the new Ring Tongue breakers is to address specifically our semiconductor and transportation customer requirements,” said Egon Hillermann, ABB’s local product group manager for mission critical MCBs in the US.

In addition to the semiconductor and transportation industries, the new Ring Tongue breakers are designed for wherever secure cable connections are essential in applications where vibrations, earthquakes and shocks are common environmental challenges.

This new Ring Tongue MCB family is a valuable addition to the well known System pro M compact range of miniature circuit breakers and current devices. A full range of accessories are also available to further enhance the family compatibility.

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