

## SCHURTER T9 now available for PCB mounting

SCHURTER's T9 fuseholder style circuit breaker series is now expanded to include model T9-818 for PCB mounting. The new model complements the existing T9 series assortment for panel mounting, providing a complete range of mounting styles equivalent to closed fuseholders.



### PRODUCT

The T9 series circuit breaker with the Model T9-818 for PCB mounting fills a gap in the market. The T9 series feature dimensions comparable to those of traditional fuseholders, and is likewise similarly designed for direct placement on circuit boards. SCHURTER's existing T9 series features quick-connect terminal types for front and rear snap in panel mounting, as well as thread neck mounting.

As with all PCB mounted components, assembly costs are considerably lower because fewer materials are used and wires are eliminated to fully automate assembly. In addition, the T9-818 is more compact than quick-connect terminal types and thus requires less space. Furthermore, its slim design means the reset button protrudes only minimally from the front panel. Two mounting pins provide additional mechanical support on the circuit board and protect the solder connections from additional pressure when the reset button is activated.

The shape of the T9 circuit breaker is very similar to that of a fuseholder and thus offers an excellent alternative to 5x20 fuses and their respective fuseholders, where current surges can lead to premature tripping and aging over time. In contrast, circuit breakers prevent unnecessary down time by eliminating the need for changing fuses, as well as the associated risk of inadvertently inserting a fuse with the incorrect current rating, which may lead to equipment damage. A further advantage of circuit breakers is the reset button, which springs out to indicate when the device trips. Reset is achieved by a simple push of the button. Typical application areas for circuit breakers include use in power supplies, UPS systems, PDUs, electric tools, industrial applications, medical diagnostic equipment, analysis systems, lighting fixtures, HVAC products as well as equipment for sports and leisure activities. The T9 product line conforms to these standards: UL 1077, CSA C22.2 235 and IEC 60934.

### DOWNLOADS / LINKS

**Animation:** <http://youtu.be/TbinTloWTSk>

**Technical data (htm):** [http://www.schurter.com/Components/Circuit-Protection/Circuit-Breakers/Thermal/T9-818/\(language\)/eng-GB](http://www.schurter.com/Components/Circuit-Protection/Circuit-Breakers/Thermal/T9-818/(language)/eng-GB)

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