

Press Release

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M691

T9 CBE now available for vertical PCB mounting

SCHURTER's T9 fuseholder style circuit breaker series is now expanded to include a version for vertical PCB mounting. The new T9-817 model completes the existing range, which includes a horizontal PCB version, and three different panel mount styles. The full range of mounting styles provides a form and fit alternative to equivalent closed fuseholders.



The T9 family of thermal circuit breakers provides an array of mounting styles alternative to industry standard closed fuseholders, including vertical and horizontal mounted PCB types, and three different panel mount styles with quick connect terminals: snap in or nut fastened, including a threaded neck rear-mount style. The newest addition, T9-817 PCB for vertical PCB mounting, reduces assembly costs and saves board space, by eliminating assembly hardware and wires. It sports a slim design and a small cylindrical push-to-reset button, which protrudes minimally through the panel opening. A spring pushes the button out further when the device trips.

Circuit breakers are an ideal alternative to fuses, since fuses are known to age, due to pulse or high surge currents, and thus trip prematurely. Circuit breakers prevent unnecessary down time by eliminating the need for fuse replacement, as well as the associated risk of inadvertently inserting a fuse with the in-correct current rating. The T9 series thermal circuit breaker is therefore intended as an alternative to 5x20 or 6.3x32 mm fuses used with closed fuseholders.

Typical applications for circuit breakers include power supplies, UPS systems, PDUs, electric tools, motor drive applications, medical diagnostic equipment, commercial kitchen appliances, lighting fixtures, HVAC products as well as equipment for sports and leisure activities. The T9 series is also available on request with glow-wire tested (GWT) materials and is therefore suitable for unattended household appliances. The T9 product line conforms to UL 1077, CSA C22.2 235 and IEC 60934 standards. It is cURus, VDE and CCC approved.

Technical data:

- Thermal circuit breaker
- Resettable
- Vertical PCB mount
- Current range: 4 - 12 A
- Cost-effective and efficient

Applications:

- Kostengünstig und effizient
- Power supplies UPS systems
- Motor drives
- Equipment for sports and leisure
- Medical equipment

Internet:

[Datasheet T9-817](#) [1]

[Microsite T9](#) [2]

[Video T9 Diversity of Variants](#) [3]

Company:

SCHURTER is an internationally leading innovator and manufacturer of electric and electronic components. The company focuses on safe power supply and easy-to-use equipment. Its extensive product portfolio comprises standard solutions in the fields of circuit protection, plugs and connectors, EMV products, switches, input systems and electronic manufacturing services. SCHURTER's global network of representative offices ensures reliable delivery and professional customer service. Where standard products are unsuitable, the company develops client-specific solutions.

Contact:

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[1]: <http://www.schurter.com/en/datasheet/T9-817>

[2]: <http://t9.schurter.com>

[3]: <http://youtu.be/TbinTloWTSk>