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From:	Markus Häcki	Product Group:	Circuit Protection
Date:	December 2018	Pages:	2



UAI 1206

Chip fuse for highest demands

- Pulse- and temperature-resistant non-aging chip fuse
- Sealed against potting compound
- Meets requirements according to AECQ



Product

With the UAI 1206, SCHURTER offers a pulse and temperature resistant chip fuse with time-lag characteristics for applications where durability and maximum reliability are requested.

Conventional fuses have a sort of memory. If they are exposed to pulse-shaped current peaks and high temperature fluctuations, their properties change. Every pulse makes the fuse a little weaker, every temperature fluctuation a little more susceptible. Not so with the SCHURTER UAI 1206.

Pulse and temperature resistance

Because of the a special fuse construction, dubbed by SCHURTER as “trace in air” technology, the UAI’s ability to resist current pulses smaller than the melting integral (I²t) is thereby increased exponentially. Comparably, the UAI 1206 has practically no derating to the usual extent. The ingenious design of the fuse body also dampens temperature fluctuations to a high degree. The SCHURTER UAI 1206 is also hermetically sealed against potting compound for use in intrinsically safe applications.

Areas of application

The new chip fuse, which is offered in two versions with rated currents of 5.3 A and 7.5 A, was specifically developed for automotive applications. The SCHURTER UAI 1206 meets all requirements according to AEC-Q200. It is also suitable wherever high levels of pulse currents, high thermal fluctuations, and high mechanical loads are present.

Technical Data / Approvals / Prices

[Technical data \[1\]](#) and order numbers can be found in the data sheet on the SCHURTER website. Price lists can be found on [Partner Service \[2\]](#).

Training & CAD-Daten

Training documents with application-specific information can be found on the [Partner Service \[2\]](#).

Availability

Orders will be accepted immediately, initial stock is ready:

Blister Tape 18 cm Reel (1000 pcs.)

5.3 A: 3-110-065

7.5 A: 3-110-066

Higher quantities have a delivery time of 6 to 8 weeks. All availability information can be found on the [Stock Check \[3\]](#).

Samples

Samples can be ordered through the official channels.

Advertisement & PR text

PR text and Advertisement in German and English as well as a PR photo are available in Partner Service.

Links to Sales Information

[1] Technical Data	https://www.schurter.com/en/datasheet/UAI_1206
[2] Partner Service	https://www.schurter.com/en/Home/Services/Partner-Service
[3] Stock Check	https://www.schurter.ch/en/Stock-Check

If you have any questions please do not hesitate to contact us.

Kind regards

Markus Häcki
Product Manager
Circuit Protection
Werkhofstrasse 8-12
6002 Lucerne
Switzerland
Tel: +41 41 369 34 51
Email: markus.haeki@schurter.ch
Internet: schurter.com