

# **SCHURTER Fuses for Space**

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In the past decade, intensive research and development cooperation between SCHURTER and the European Space Agency (ESA) has led to new technologies and products for protecting electronic modules in different space applications. This cooperation has created outstanding circuit protection devices which are the only fully ESA ESCC qualified fuses of this kind on the world market. The range of SCHURTER's hermetically sealed SMT fuses includes cost-effective COTS+ and space grade types with exceptional requirements such as high breaking capacity, excellent long term stability, and pulse resistivity. A recent study of the behaviour of the SCHURTER HCSF fuse at extreme temperatures of up to 175°C showed that this fuse is able to withstand such high temperatures at rated current for a certain period of time without significant degradation effects.