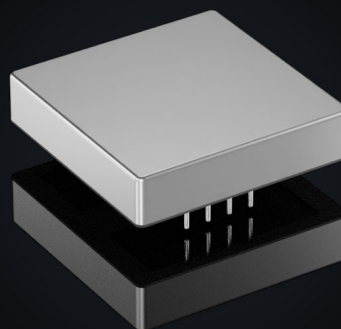




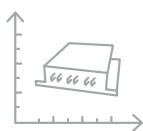
DC-Converter 300-Serie

331A3-24x28-SD

30W, isolated DC/DC buck-boost converter



«Designed in Switzerland, made in Germany, proven in the World»



51x51x10mm



60g



30W

SPECIFICATIONS

ultra wide input voltage range	9...36VDC
Max. input peak voltage	38 VDC
efficiency	92% (nominal load)
Output voltage / output power	24.0 VDC / 30 watts
Typical max. output current	1.2 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	☑

DC-CONVERTER 331A3-24X28-SD

The galvanically isolated DC/DC buck-boost converter in the compact 2"x2" housing is the ideal solution for applications requiring the highest technology in the smallest space. This product is specifically designed for PCB mounting and offers outstanding performance and flexibility. The "SwitchHigh" function allows for quick and easy adjustment of the output voltage from 24V to 28V, depending on application needs.

FEATURES

- ◇ isolated DC/DC buck-boost converter
- ◇ robust and climate proof design
- ◇ excellent thermal characteristics
- ◇ permanently no-load and short-circuit proof
- ◇ integrated EMI input and output filter
- ◇ no power derating
- ◇ for ambient temperatures between -40°C / +85°C
- ◇ thermal shutdown at +
- ◇ CC/CV charging characteristic