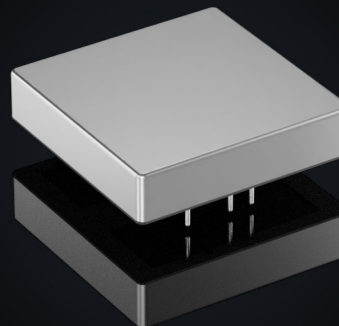




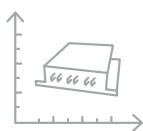
DC-Converter 300-Serie

331-24-SD

50W, isolated DC/DC buck-boost converter



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



51x51x10mm



60g



50W

SPECIFICATIONS

ultra wide input voltage range	9...36VDC
Max. input peak voltage	40 VDC
efficiency	93% (nominal load)
Output voltage / output power	24.0 VDC / 50 watts
Typical max. output current	2.0 ADC
Extrem high specific power per weight (gravimetry)	0.8 watts/gramm
EMC-type-test	☑

DC-CONVERTER 331-24-SD

The highly miniaturized 50Watt, 24V, 2A galvanically isolated step-up and step-down DC/DC converter 331-24-SD for PCB mounting combines the latest technology with many years of experience.

Highest integration and miniaturization allow ultra-flexible adjustments for input voltages from 6VDC to 100VDC.

The Demke DC/DC converter, made in Switzerland, robust, durable and climate-proof!

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 +0°C
- ◇ CC/CV charging characteristic

An additional frame with a height of 1 mm can be attached to seal the housing with the potting.

Please check technical data sheet for further information on www.demke-electronic.com