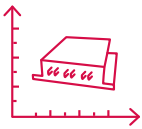


DC-Transformer 300-Serie

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 | <input checked="" type="checkbox"/> |

DC-TRANSFORMER 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



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