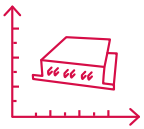


## DC-Transformer 200-Serie

251-24-SD

260W, non-isolated DC/DC buck-boost converter

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



90x90x26mm



335g



260W



### SPECIFICATIONS

ultra wide input voltage range	12...36VDC
Max. input peak voltage	37 VDC
efficiency	98% (nominal load)
Output voltage / output power	24.0 VDC / 260 watts
Typical max. output current	11.0 ADC
Extrem high specific power per weight (gravimetry)	0.8 watts/gramm
EMC-type-test	

### DC-TRANSFORMER 251-24-SD

The 24VDC-power supply works with input voltages between 12V to 36V.

Due to its buck-boost technology, it is permanently short-circuit proof an voltage dips for 100ms in 24V-systems as defined in EN50155 are easily covered.

For new designs its successor 257E-24-SD with an extended power range should be used.

### FEATURES

- ◇ non-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 +90°C



Please check technical Datasheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)