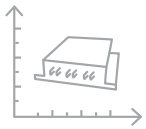


DC-Converter 100-Serie

145E-29-SD

250W, non-isolated DC/DC buck converter

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



77x52x19mm



165g



250W



SPECIFICATIONS

ultra wide input voltage range	32...100VDC
Max. input peak voltage	125 VDC
efficiency	97% (nominal load)
Output voltage / output power	29.0 VDC / 250 watts
Typical max. output current	8.5 ADC
Extrem high specific power per weight (gravimetry)	1.5 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-CONVERTER 145E-29-SD

Ultra compact, lightweight and potted DC/DC converter with 166gr and 250W power at 29V and 8.5A short circuit current.

Wide range input from 32VDC to 100VDC allows applications from 48VDC, 80VDC and even 96VDC.

Integrated remote on/off with extra-low current consumption in sleep mode, THT version for PCB integration, adaptable output voltage, adaptable output current, highly integrated, excellent voltage quality due to lowest AC components, first-class and fastest regulation, pass-through frequency at 8KHz.

One have to have this thing!

FEATURES

- ◇ non-isolated DC/DC buck 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
- ◇ CC/CV charging characteristic

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