

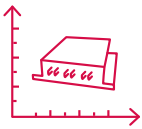


## DC-Transformer 100-Serie

145-24

240W, non-isolated DC/DC buck converter

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



77x52x19mm



165g



240W



### SPECIFICATIONS

ultra wide input voltage range	26...100VDC
Max. input peak voltage	125 VDC
efficiency	97% (nominal load)
Output voltage / output power	24.0 VDC / 240 watts
Typical max. output current	10.0 ADC
Extrem high specific power per weight (gravimetry)	1.5 watts/gramm
EMC-type-test	

### DC-TRANSFORMER 145-24

Highly integrated DC/DC buck converter with 24V, 10A, 240W power.

The compact design makes the Demke DC-Transformer 145-24 the first choice for space and weight saving applications. Furthermore the dc dc converter with 24V output trumps with a very high efficiency of 97% even at supply voltages of 80VDC. Integrated EMI input and output filters allow this robust and universal DC/DC converter for wall mounting to be integrated quickly and reliably into any system.

Customizable DC/DC converter at any time, e.g.:  
 DC/DC converter 27V/9A  
 DC/DC-Converter 28V/9A

### 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



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