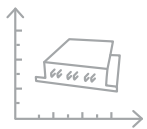


DC-Converter 100-Serie

154-24

300W, non-isolated DC/DC buck converter

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



90x90x26mm



335g



300W

SPECIFICATIONS

ultra wide input voltage range	28...160VDC
Max. input peak voltage	170 VDC
efficiency	97% (nominal load)
Output voltage / output power	24.0 VDC / 300 watts
Typical max. output current	13.0 ADC
Extrem high specific power per weight (gravimetry)	0.9 watts/gramm
EMC-type-test	

DC-CONVERTER 154-24

DC-Converter 154-24 (art.-no. 154.001), non isolated DC/DC converter 24V output, universal, robust and compact. A great classic dc/dc power supply of Demke.
 Its ultra wide input voltage range of 28...160VDC generates uncompromising flexibility for 48VDC, 80VDC and 110VDC dc power grids while integrating three dc-dc converters into one unit with even very high efficiency. DC-Converter 151-24, 28VDC...60VDC, 24V/13A – 153-24, 28VDC...110VDC, 24V/13A – 154-24, 28VDC...160VDC, 24V/13A.
 Extend your system lifetime under the harshest environment with our 154DH-24-ON, designed for the harshest environments.

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