

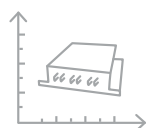


DC-Converter 100-Serie

154DH-24-ON

300W, non-isolated DC/DC buck converter

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



90x90x26mm



360g



300W



SPECIFICATIONS

ultra wide input voltage range	28...160VDC
Max. input peak voltage	170 VDC
efficiency	95% (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)	0.8 watts/gramm
EMC-type-test	☑

DC-CONVERTER 154DH-24-ON

DC-Converter 154DH-24-ON (Art. 154.007), progressive development of the 154-24 in the new all-aluminum case with similar specifications. The DC-Converter 154DH-24-ON with its 24V DC output was completely facelifted. The constant current control in the overload range has been significantly improved and forms a quasi-CC-CV charging function. (Constant current in overlaod condition for battery charging applications). The advanced integrated EMC filter completes this new DC-DC converter. The product is designed for increased environmental demands.

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