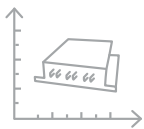


DC-Converter 700-Serie

739-92-SD

800W, isolated DC/DC buck-boost converter

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



130x130x28mm



1200g



800W

SPECIFICATIONS

ultra wide input voltage range	22...36VDC
Max. input peak voltage	38 VDC
efficiency	95% (nominal load)
Output voltage / output power	92.3 VDC / 800 watts
Typical max. output current	8.7 ADC
Extrem high specific power per weight (gravimetry)	0.7 watts/gramm
EMC-type-test	☑

DC-CONVERTER 739-92-SD

Galvanically isolated DC-DC converter for automotive applications with up to 800W power.

Galvanically isolated step-up DC-DC converter 24V to 92V with CC/CV characteristics.

The output voltage is 92VDC and is preset. The output voltage can be customized in a wide range (e.g. from 100V to 200V). The U/I characteristic can also be customized.

FEATURES

- ◇ 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
- ◇ CC/CV charging characteristic

This datasheet is preliminary. Specs may vary.

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