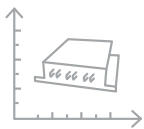


DC-Converter 700-Serie

729L-24-SD

450W, isolated DC/DC buck-boost converter

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



130x130x28mm



900g



450W



SPECIFICATIONS

ultra wide input voltage range	9...16VDC
Max. input peak voltage	18 VDC
efficiency	95% (nominal load)
Output voltage / output power	24.0 VDC / 450 watts
Typical max. output current	18.5 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	☑

DC-CONVERTER 729L-24-SD

Galvanically isolated buck-boost DC/DC converter 12V, 24V, 18A with 450W power.

The output voltage is 24VDC and is preset.

The L-Version with its lower start-up and undervoltage lockout threshold steps up input voltages from 9VDC to 24VDC easily.

The galvanically isolated DC-DC converter has been specially developed for automotive engineering and is designed for E13 approval.

The output voltage can be customised in a wide range (e.g. from 12V to 90V).

The U/I characteristic can also be customised.

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

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