

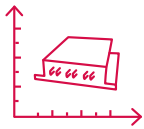


## DC-Transformer 700-Serie

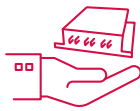
739-113-SD

500W, isolated DC/DC buck-boost converter

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



130x130x28mm



900g



500W

### SPECIFICATIONS

ultra wide input voltage range	22...36VDC
Max. input peak voltage	38 VDC
efficiency	95% (nominal load)
Output voltage / output power	113.0 VDC / 500 watts
Typical max. output current	4.5 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 739-113-SD

Galvanically isolated DC-DC converter for automotive engineering with up to 900W power.

### 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.

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

