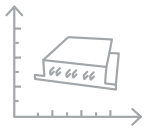


DC-Converter 700-Serie

755-48-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	18...110VDC
Max. input peak voltage	125 VDC
efficiency	95% (nominal load)
Output voltage / output power	48.0 VDC / 500 watts
Typical max. output current	10.5 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-CONVERTER 755-48-SD

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