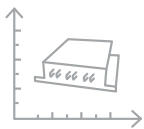


DC-Converter 700-Serie

757-27-SDB4

600W, isolated DC/DC buck-boost converter

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



130x130x27mm



900g



600W



SPECIFICATIONS

ultra wide input voltage range	19...70VDC
Max. input peak voltage	75 VDC
efficiency	95% (nominal load)
Output voltage / output power	27.0 VDC / 600 watts
Typical max. output current	22.0 ADC
Extrem high specific power per weight (gravimetry)	0.7 watts/gramm
EMC-type-test	☑

DC-CONVERTER 757-27-SDB4

The DC/DC converter with 27VDC or 29VDC output voltage at 22A rated current is ideally suited for 24/7 supercapacitor operated AGVs or shuttles. The constant short-circuit current of approx. 22A and the wide input range of 19 to 70VDC give this galvanically isolated DC/DC step-up and step-down converter ideal properties in harsh applications.

Due to the polyurethane potting and the integrated cable connections, the unit has excellent climate-proof properties. Adjustments to the open-circuit voltage and thus the final charging voltage are very simple and possible at any time.

We are looking forward to your enquiry!

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