



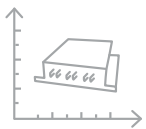
DC-Converter 300-Serie

334W-24024-SD

50W, isolated DC/DC buck-boost converter



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



77x52x19mm



170g



50W



SPECIFICATIONS

ultra wide input voltage range	16...160VDC
Max. input peak voltage	170 VDC
efficiency	92% (nominal load)
Output voltage / output power	24.0 VDC / 50 watts
Typical max. output current	1.0 ADC
Extrem high specific power per weight (gravimetry)	0.3 watts/gramm
EMC-type-test	✓

DC-CONVERTER 334W-24024-SD

Can be used as 48V-DC-Output while referencing the -24V-output to secondary "Ground".
 +12VDC/0/-12VDC bipolar version 334W-12012-SD available.
 +15VDC/0/-15VDC bipolar version 334W-12012-SD available.

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
- ◇ bipolar or doubled output