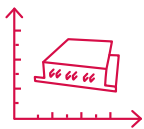


## DC-Transformer 300-Serie

354W1-24-SD

90W, isolated DC/DC buck-boost converter

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



77x52x19mm



166g



90W



### SPECIFICATIONS

ultra wide input voltage range	16...160VDC
Max. input peak voltage	170 VDC
efficiency	91% (nominal load)
Output voltage / output power	24.0 VDC / 90 watts
Typical max. output current	3.8 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 354W1-24-SD

Functionally isolated, customizable DC-DC converter for PCB mounting. (Customizable also with plug for wall mounting) The DC input with constant current regulation and constant voltage regulation allows use in practically all systems. Resistive loads, capacitive backup solutions, inductive loads are no challenge for this DCDC converter.

### 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



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