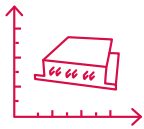


## DC-Transformer 100-Serie

154DH-48-ON

480W, non-isolated DC/DC buck converter

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



90x90x26mm



380g



480W



### SPECIFICATIONS

ultra wide input voltage range	50...160VDC
Max. input peak voltage	170 VDC
efficiency	95% (nominal load)
Output voltage / output power	48.0 VDC / 480 watts
Typical max. output current	10.0 ADC
Extrem high specific power per weight (gravimetry)	1.3 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 154DH-48-ON

DC/DC-converter with 48VDC output.

This dc-dc power supply is used to stabilize 48V DC-grids from supply voltages of approximately 50V and above. Stabilization voltages respectively output voltages up to 80V are possible.

### FEATURES

- ◇ non-isolated DC/DC buck 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 Datasheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)