

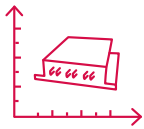


DC-Transformer 300-Serie

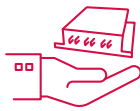
364W2-15015-SDB1

120W, isolated DC/DC buck converter

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



90x90x25mm



380g



120W



SPECIFICATIONS

ultra wide input voltage range	16...160VDC
Max. input peak voltage	170 VDC
efficiency	93% (nominal load)
Output voltage / output power	15.0 VDC / 120 watts
Typical max. output current	8.0 ADC
Extrem high specific power per weight (gravimetry)	0.3 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

DC-TRANSFORMER 364W2-15015-SDB1

The 364W2 DC/DC converter with an ultra-wide input voltage range and bipolar output voltage of +/- 15V is designed for railway applications. With its new all-aluminum housing, the DC-DC converter has been comprehensively upgraded. It is fully compatible with the 364W1-15015-SDB1. The load on the output can be distributed unsymmetrical up to 100%. That means one can draw the full output power of +8A at +15VDC or -8A at -15VDC.

Doubling the power through parallel operation as well as supplying active loads is possible.

Customer-specific DC-DC converters can be realized on request. Please share your requirements with us.

[News article](#) available.

FEATURES

- ◇ 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
- ◇ bipolar or doubled output



Please check technical Datasheet for further information on www.demke-electronic.com