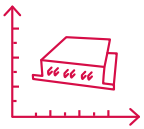


## DC-Transformer 300-Serie

364W1-15015-SDB1

120W, isolated DC/DC converter

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



90x90x26mm



325g



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)	0.4 watts/gramm
EMC-type-test	

### DC-TRANSFORMER 364W1-15015-SDB1

The 364W DC/DC converter with ultra-wide input voltage range and bipolar output voltage of +/- 15V is designed for rail applications. The ultra-wide input voltage range can cover 24V, 48V, 80V and 110V onboard power systems (DC power). Voltage deviations are kept within limits, thereby complying with EN50155 standard. The 364W2-15015-SDB1 is the successor in an aluminium case.

Customer-specific DC-DC converters with 12V output, 24V output or increased power with a reduced input voltage range can be implemented.

### FEATURES

- ◇ isolated DC/DC 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
- ◇ bipolar or doubled output



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