

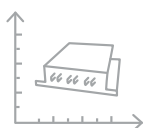


## DC-Converter 300-Serie

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                                      | ☑                    |

### DC-CONVERTER 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.

### 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 data sheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)