

AVP-W/KE and LEC at a glance

| | AVP-W/KE | LEC |
|-----------------------|-----------------------------|---|
| Type | standard euro-rack size 19" | |
| Input voltage ranges | 14,4-154V | 14,4-36/9-40/19-51/32-80/ 43-101/66-160V |
| Output voltages | 5/12/15/24/30V | 3.3/5/12/15/24/28V |
| Max. capacity | 78W | 120W |
| Ambient temperature | -40 to +85°C | |
| Connection | H15 | |
| Dimensions (HxWxD) mm | 169,4x40,3x112 | 169,4x20x111 |

Further types on request.

DC-DC converters from 3 to 200 W on CD-ROM

The AUTRONIC standard production program including more than 900 versions of DC-DC converters and switching mode regulators is now available on a CD-ROM "EDITION 2003/04". The product range consists of direct current converters between 3W and 200W for mobile applications where highest standards are demanded. The CD-ROM includes all data sheets and gives comprehensive and detailed information about the products and about our company. A clearly structured survey facilitates the selection process and helps the user find the suitable converter for his purposes. Design engineers have access to a dimensional drawings and components library which helps them integrate the AUTRONIC converters easily and quickly into the development layout. For output voltages setting there is also a program for calculating the adjust resistor and the control voltage.

All data is also available on the Internet at www.autronic.de.

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Check out our Website!



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QUALITY MANAGEMENT SYSTEM



DQS certification acc. to
DIN EN ISO 9001:2000



Two strong types

Partner for high quality electronics

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Wide Thing!

AUTRONIC has a new range of DC-DC converters: AVP-W/KE with output power of up to 78W for mobile application purposes. Their ultra-wide input voltage range between 14,4 and 154V includes all usual on-board railway networks. So it is possible to limit the type variety which saves costs regarding both acquisition and logistics.

The 19" cassette is already available as single version with 24V output voltage and as dual version with +5/+12V. Other single, dual and triple versions will be available within short or on request. These converters have an efficiency of up to 87%, their working temperature range extends from -40°C to +85°C. They comply with railway standards EN 50155 and EN 50121-3-2.

What the DC-DC series AVP-W/KE offers:

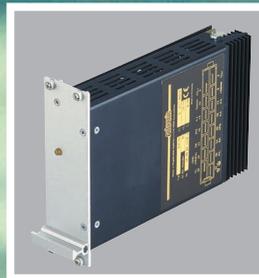
Converters of the AVP-W/KE series are equipped with overvoltage protection, overtemperature protection and active reverse polarity protection with inrush current limitation. They are open-circuit stable, continuously short-circuit proof and can be switched-off externally. The devices are coated and vibration resistant and able to bridge power failures of 10ms even in case of minimum input voltage and high output powers. Parallel connection as well as tracking operation is also possible with these converters.



Small & Strong

AUTRONIC's LEC series consists of DC-DC converters with a maximum output power of 120W and a width of only 4 HP. They are suitable for mobile applications, can be incorporated into 19" systems, and they have either 1 or 2 outputs.

For the moment these converters are available with 24V output voltage and an input voltage range between 66V and 160V. By the end of 2003 this series will be completed by output voltages of 3.3V, 5V, 12V, 15V and 28V as well as nominal input voltages of 12V, 24V, 36V, 48V and 72V. Their working temperature range extends from -40°C to +85°C, and they comply with railway standards EN 50155 and EN 50121-3-2.



Features exceeding standard equipment by far

The converters have overvoltage protection and overtemperature protection as well as Voltage in Fail and Voltage out Fail. They are open-circuit stable, short-circuit proof and can be switched off externally. Further features are synchronization for parallel mode, thermal warning and sense.

My address:

Name, first name

Company

Title or Department

Street

Postal Code/Place

Telephone/Fax No.

e-mail address

Fax Reply

+49 (0) 7147/24-252

I like to get more information, please send me without charge:

- Your data sheet regarding the AVP-W/KE and LEC series
- Your CD-ROM "EDITION 2003/04"
- Please call me to arrange a date for a visit.