

# W 24-12-18

DC/DC voltage converter  
24V to 12V 18(20)A



High-end medium power voltage converter for 12V consumers on the 24V on-board network.

Note: special fastening

- \* **switchable with ignition input**
- \* **high developed concept:**
  - low quiescent current: 50µA
  - very high efficiency of approx. 97%
- \* **Overload capacity up to 20A for 5 min**
- \* **small dimensions**
- \* **compact connector (Tyco JPT, MCP2.8) standard on various vehicles**
- \* **5kW peak protection diode against overvoltages from the vehicle electrical system**
- \* **Special snap-in fastening, standard on various vehicles**
- \* **Up to 3 converters can be connected in parallel**

<u>input voltage:</u>	20 ... 30V DC
<u>output voltage:</u>	13,5 V +-3%
<u>output current:</u>	18A permanent, 20A for app. 5min.
<u>standby current:</u>	50µA at 24V
<u>connection:</u>	9 pin connector Tyco MCP2.8
<u>electrical protection:</u>	overcurrent overtemperature Input-transients active polarity reversal prot.
<u>dimensions:</u>	113 x 84 x 35mm without connector
<u>mechanical protections:</u>	IP32
<u>temperature range:</u>	-40 ... +85°C
<u>total efficiency:</u>	app. 97%
<u>mass:</u>	app. 0,39 kg
<u>approval:</u>	E1 10R-069114

Order Info:

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