

# ABW 24-12D6



Trail Con 7 adapter light converter 24V / 7 contacts to 12V / 7 contacts



Converter to supply a 12V trailer from a 24V vehicle system as short adapter 7 pin to 7 pin. Incandescent lamps and suitable RMS compatible LEDs can be operated. Please ask the LED lamp manufacturer for RMS compatibility. For further details please see our handout "LED lamps in RMS operation".

- \* **simply plug in between**
- \* **fulfills the law requirement for fail-safe by 100% separated lines**
- \* **compatible with lamp control circuits**
- \* **correct function of ABS-info-module is guaranteed**
- \* **internal short circuit and overload protection, one each line**
- \* **power reserves in case of additional lamps at the trailer**
- \* **European approval E1 10R-046957**

input voltage:

24V DC nominal (18...33V)

output voltage:

RMS power equation for 12V  
(9 ... 15.5V)

output power:

6 x 70W total max 220W  
lamp power

self consumption:

0mA when output is open  
(no current path)

input config.:

Plug with clamp 7 contacts  
24V ISO'1185

output config.:

flanged socket with flap cover  
7 contacts 12V ISO'1724

dimensions:

D x L ca 75mm x 190mm  
with closed cover

mechanical protection:

electronic sealed

electronical protection:

over current (auto reset), over  
temperature (auto reset)

temperature range:

-40 ... +75°C

efficiency:

about 97%

mass:

about 320g

attention!

for bulbs and RMS - LEDs  
only!

restriction:

the control lamp of ancient  
mechanical flashing units is  
not indicating.  
Use ABW 24-12-6H

Order Info:

ABW24-12D6