

# ABW 24-12-7HPS



Trailer light converter with 24V/15  
contact plug and 12V/13 contact socket



Converter to supply the lights of 12V trailers at 24V car line, including reversing lamp. 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". Input 15 contact plug, output 13 contact socket.

- \* for suitable lamp control device (LF-PWM suitable)
- \* entirely sealed - waterproof and vibration resistant
- \* internal short circuit and overload protection
- \* power reserves in case of additional lamps on the trailer
- \* ready for mounting with input plug and socket

input voltage:

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

output voltage:

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

output power:

2 x 21W + 5 x 60W

connection input:

Seathed cable, plug 24V/15  
contacts ISO12098

connection output:

Seathed cable, socket 12V/13  
contacts ISO11446

cable length input:

about 1300mm

cable length output:

about 1300mm

current without load:

0mA with open output  
(no current)

efficiency:

flasher unit c. 90%, other  
parts c. 95%

temperature range:

-40 ... +75°C

electrical protection:

overload current (self-  
resetting) overtemperature  
(self-resetting)

mechanical protection:

entirely sealed (IP69K)

dimensions:

200 x 70 x 25mm without  
cable outlet

mass:

about 1640g

Attention!

for bulbs and RMS - LEDs  
only!

Order Info:

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