

# ABS 12-24PSM



**DUAL-VOLT ABS**  
**ABS 12V ... 24V auf 24V**  
**in rack, trailer side**



Special converter for the supply of a 24V anti lock system ABS/EBP out of 12V or 24V. The converter input is equipped with a 12V ABS/EBP socket and the output with a 24V ABS/EBP plug. The converter is mounted in a stainless steel rack with a parking socket and is ready for use. Normal case: trailer side mounting. The contacts 6 and 7 ("CAN-Bus") are unequipped.

- \* **input voltage 12V and 24V**
- \* **high power for additional functions like EBP and level control**
- \* **compact size by high efficiency**
- \* **unit ready for use with parking socket, fast to mount on the (semi) trailer side**
- \* **info-module works properly**
- \* **electronical protection against reverse polarity without short circuit**
- \* **protection against overload**
- \* **stainless steel metal rack**
- \* **reverse voltage proof independent from polarity**
- \* **Up to 40km/h the cable KN-ABSFT for the input is also legal (follow regulations)**

input voltage:

9 ... 33V DC both lines

output voltage:

27V +5% (27 ... 32V if input above 27V)

output current line (term. 15):

0 ... 500mA

output current line (term. 30):

0 ... 10A (15A /20% on time cycle)

input connection:

ABS / EBP socket 12V  
ISO'7638-2

output connection:

ABS / EBP plug 24V  
ISO'7638-1

cable length:

c. 350mm, input and output

dimensions:

300 x 150 x 87mm + socket  
45mm

mechanical protection:

entirely sealed (IP69K) and  
stainless steel

total efficiency:

app. 80%

mass:

app. 3300g

Order Info:

ABS 12-24PSM