

Description

Effective to 95%

Overload protection

Small compact design

Internal oscillator 560kHz

Output PI³ filter – filters the output voltage



The modern HI DC-DC DC pulse converter with high efficiency up to 95% is designed to power consumers with power supply 5V max 1A. The advantage of this converter is a very small heat loss radiated to the surroundings. The inverter is connected to the 24V on-board network and is protected against short-circuit over voltage in the on-board network. The drive provides 5W output power.

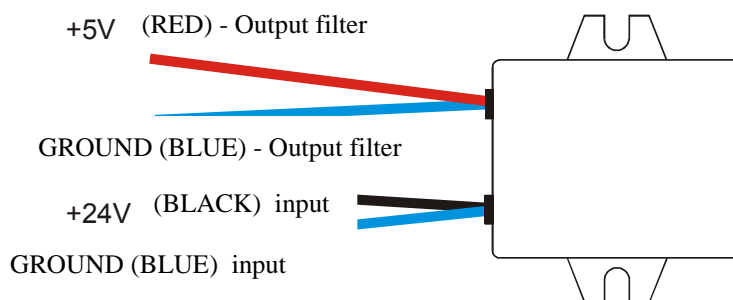
Limit parameters:

Symbol	Parameter	Size	Value
Ui	Input voltage ¹⁾	15 - 35	V
Uo	Output voltage	4,35-5,1	V
Iout	Max. output current	1	A
n	Effectiveness of conversion	95	%
Ptot	Max. loss performance	0,7	W
θa	Range of operating temperatures ²⁾	-40 do +85	°C

1) Resistance to short-time overvoltage max.300V ,t = 1ms

2)Operation beyond a given range of ambient temperature is not guaranteed

Description of the connection:



Technical drawing:
The length of the leads is 70cm

