

POWER CONVERSION PRODUCTS

STEP UP DC-DC CONVERTERS

FEATURES

- Step up from 12 VDC to 24 VDC
- Switch Mode design
- CE approved
- High Efficiency
- Over-current protection
- IP 67

APPLICATIONS

- Industrial
- OEM



1 Amp

TECHNICAL SPECIFICATIONS

Model	STEP 1
Input Voltage Range	9 - 18 VDC
Output Voltage	24 VDC
Output Current	1A
Offload Current	< 15mA
Output Voltage Stability	+ /- 2%
Output Noise	< 100mV RMS
Efficiency	90%
Cooling	Convection
Isolation Input-Output	Common Negative
Temperature increase after 30 minutes at full load	30°C
Operating Temperature	-20° to +30° C, De-rate linearly to zero at 70° C
Humidity	Max 95%, non condensing
Protections	
Overcurrent	Input Current Limited
Overheating	Reduction of Output Voltage
Reverse Polarity Connection	Only with Fuse 5A
Short Circuit	Only with input Fuse
Standards	
Emission	EN50081-1 / EN61000-6-3
Immunity	EN50082-1 / EN61000-6-1
Automotive	95/54/EC
Casework	Anodised aluminium
Input / Output Connections	Quick Connect male 6.3mm
Connections	6.3mm push-on flat blade connectors
Dimensions (L x W x H)	30 X 30 X 20 mm
Weight	0,05 Kgs

Technical Specifications subject to change without notification.