

Data sheet 100204

ekey power supply 100204 12VDC / 1.5A



Manufacturer's Guarantee

ekey biometric systems ('ekey') guarantees, under conditions which can found in details on our homepage www.ekey.net,

24 months from the date of purchase

the lack of material or processing defects. The guarantee shall remain exclusively valid in that country in which the product was sold to you.

FURTHER INFORMATION

Visit the website of ekey biometric systems at:

www.ekey.net

There you can find the most up-to-date version of this document, as well as other additional information about this and other ekey biometric systems products.

If you have any technical problems, please call our support team at:

Austria and international: +43 732 890 500 1000
Germany: +49 6187 90696 28
Switzerland: +423 235 0880

Our entire team will be happy to provide you with further assistance.

Please pay attention to the wiring diagrams of the locking systems manufactured by various other suppliers. Please check the download section/manuals under www.ekey.net.



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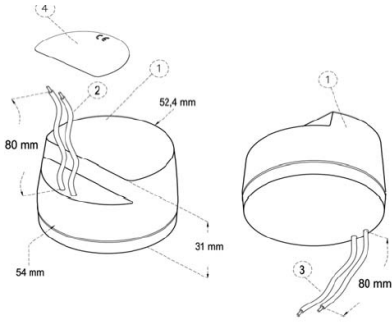
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General



OM power supply 100204

The power supply works as a synchronized switching controller. It has been designed to be installed into a concealed outlet (OM: outlet mounted). With an input voltage range of 230 VAC the output voltage will be 12VDC / 1.5A.

Applied standards and guidelines

Safety standards compliant with EN 61558 and EN60950.

Electromagnetic compatibility compliant with EN 55022/B and EN61000-4

Technical data

Description	Value	Unit
General information		
Degree of efficiency	80	%
Operating temperature	-5 to +50	°C
Relative humidity	5 to 90	%
Isolation class	I	
MTBF	~100 000	h
Weight	140	g
IP class	IP00	
Housing	Black	
Dimensions d x H	54 x 31	mm
Input		
Voltage	230 ±10%	V~
Frequency	48-63	Hz
Output		
Output voltage	+12	V=
Residual ripple	<350	mVpp
Accuracy of the output voltage	±5	%
Output current	1.5	A
Nominal electrical power	12	W
Minimum load	0	A
Output current limiting	1.85	A
Short-circuit current	2.2	A
Overload protection	Electronically	
Short circuit protection	Electronically	