Features

- Descktop type
- Inbuild AC wire EU type
- Universal AC input / Full range
- ErP step II / CEC level VI compliance
- MTBF > 100.000 h
- Protections: Overload / Short circuit / Over Voltage
- Pro series

RS PRO AC/DC Adapters

RS Stock No.: 0813728



CONSTANT VOLTAGE

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- *DC supply for professional electronic systems*
- *Professional use for high standard products*
- *Input wire not included*
- *No-load Power consumption <0,075W*
- *Can work 24h/365days*

General Specifications

Type	Switched Mode Power Supply
Input Plug Type	socket
Output Connector	Plug: 2,1/5,5mm 10mm positive inside
Input Connector	IEC C14
Cable Length	1.55m
Cable Type	20AWG*2C
Power Indicator	Yes
Over Current Protection	Yes
Short Current Protection	Yes
Over Current Protection	Yes
MTBF	100 000 hours at maximum load
Medical Approval	No

Electrical Specifications

Input Specifications	
Rated Input Voltage	230V ac
Full Input Voltage Range	90 – 264V ac
Rated Frequency	50/60Hz
Full Frequency Range	47/63Hz
Efficiency	86,54%
Power Factor	0.7
Input Current (RMS Max.)	<150A
Inrush Current	No Damage
Leakage Current (max.)	<0,35mA / 240V ac

Output Specifications		
Output Voltage	12V dc	
Maximum No load Voltage	12,6V dc	
Output Maximum Current	2A	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	24W	
Start Up Delay	4sec	
Start Up Rise Time	100ms max	
Hold Up Time	3ms	
Transient Response	4% Deviation	
Number of Outputs	1	
Efficiency	86,34%	
Efficiency Level	VI	
Output Voltage Precision	5%	
Ripple & Noise	120mV	
Turn On Delay	3 Seconds Max.	
Insulation Class	II	
Isolation Resistance	100MΩ @500V dc	
Voltage Isolation	Input-Output	3000V ac
	Input-Ground	1500V ac
	Output-Ground	500V ac

Mechanical Specifications

Dimension	95mm x 68mm x 31mm
Length	95mm
Width	68mm
Depth	31mm
Weight	173g

Operation Environment Specifications

Operating Humidity	5% to 95% RH non-condensing
Cooling	Natural convection
Operating Temperature Range	0 to 60°C
Storage Temperature Range	-40 to 85°C
Temperature Coefficient	± 0.03% / C
Altitude During Operation	5000m
Vibration Resistance	2g 15 mins/sweep, 60 mins for each of 3 axes
Shock Resistance	1m drop onto concrete on each of 6 axes

Protection Category

IP Rating	IP20

Approvals

Compliance/Certifications	CE
Declarations	MFR Declaration of Conformity
Medical Approval	NO

