



OSW00301

- Open Frame 1phase Fixed Output high precision switch mode power supply
- low ripple & noise for sensitive loads like sensors, professional audio, measuring & control equipment

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OSW00301

Model	OSW00301						
Power	30W						
Nominal AC Input	100... 240Vac						
Input Range AC	90... 265Vac						
Input Range DC	110... 375Vdc						
Input Frequency	47... 63Hz						
Hold-Up Time	40ms						
Inrush Current Protection	NTC <17A						
Autostart	Soft start 30ms						
Output Voltage	5V	9V	12V	15V	24V	48V	60V
Adjust Range Uout	4,9... 5,5V	8,6... 9,9V	11,4... 23,2V	14,2... 16,5V	23,5... 28,5V	45,6... 52,8V	57... 66V
Ripple & Noise mVss	15mV	15mV	10mV	10mV	50mV	100mV	100mV
Nominal Output Current	5A	3,3A	2,5A	2A	1,3A	600mA	500mA
Power Boost <=60°C/60s	6A	4A	3A	2,4A	1,56A	720mA	600mA
Stability at Load Switch	±0,5%						
Transient Time	< 1ms						
Efficiency	86%						
Basic load	Idling-proof						
Short Circuit Protection	Continuous						
Ambient Operation Temperature	-20°C... +70°C						
Cooling	Natural convection						
Dimensions (WxHxD)	96,5x62x29mm						
IP-Range	Open frame						
Safety IEC	EN60950-1 EN50178 EN60204-1						
Safety Class 1(A)	VDE0100 VDE0805						
Input to Output Isolation	3000Vac						
Climatic Class, Humidity	3k3, 90% non condensing						
EMI	EN55022B EN61000-3-2A						
EMS	EN61000-6-2,3						
MTBF IEC61709	500000h						
Sense operation	5V ±200mV standard						
Options	See datasheet						