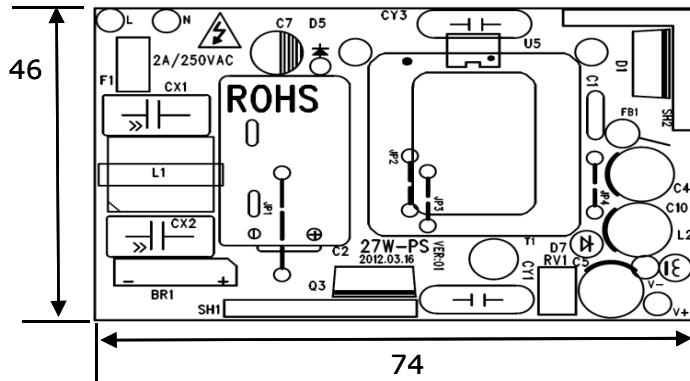


Certified in Russia, Ukraine, EU
 IC PWM driver made in Taiwan
 Full autoprotection from overload
 10-turns tuning resistor
 LED indication work
 Universal output 12-24V
 Universal input ~86-264V
Efficiency 87%

Technical parameters:

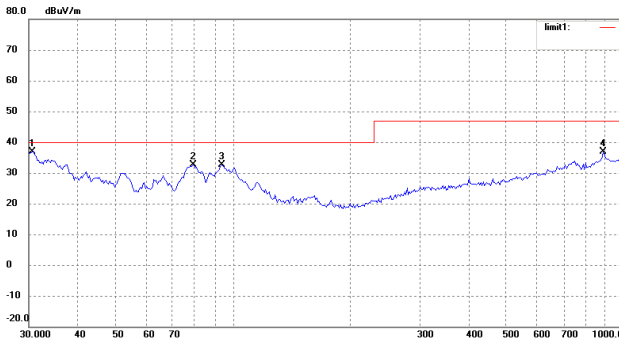
Output	Rated power	27Wt
	Rated voltage	12-24V
	Voltage range	11,5-24,5V
	Rated current	12V:2,25A; 24V:1,15A
	Noise & ripple ¹	≤0,5%
	PWM frequency	65kHz (22kHz without load)
	Temperature regulation	≤1%
	Output voltage setup time	1500ms
	MAX current for OC output	40 mA
Input	Rated voltage	~100-240VAC (94-264VAC MAX)
	Frequency range	47 ~ 63Hz
	Efficiency	Uout=12V, ≥87%; Uout=24V, ≥90%;
	No load power consumption	≤1,7Wt
	Inrush current	40A MAX
Input & Output Cable	Output & input cable and jack set's up by customer	22AWGx2 160mm
	Output & input cable and jack set's up by customer	22AWGx2 150mm Socket 2218H Neltron
Indication	LED installation on request	ON - normal work, blinks - protection on
Protection	MAX output power	32Wt
	Protection type	Automatic
Environment	Work temperature	- 25 °C to + 60 °C
	Storage temperature	-40 °C to +85 °C (humidity 10%~90%)
	Humidity	20%~90%
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
Safety & EMC	Confirmed safety standards	IEC61000-3-2:2004, EN61000-3-3:2004, EN55013:2004, EN55020:2003, IEC60065:2009
	Withstand voltage input/output	3000V/60s/5mA
	Withstand voltage input/ground	1500V/60s/5mA
	Withstand voltage output/ground	500V/60s/5mA
	Insulation resistance	100Mohm at ±500V
Others	MTBF	50 000 hours
	Size	46x74x25
	Warranty	2 years
	Packing	white box, 100 pcs per carton
	Weight	40 g

Overall dimensions:

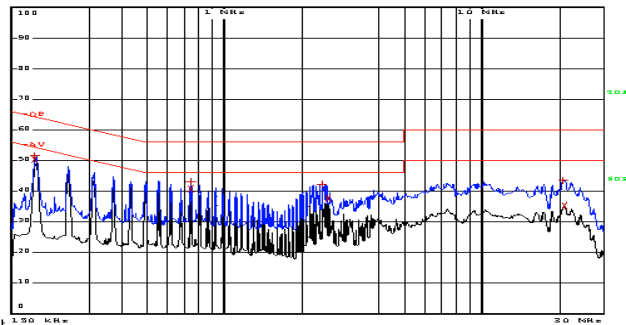


EMI-emission test.

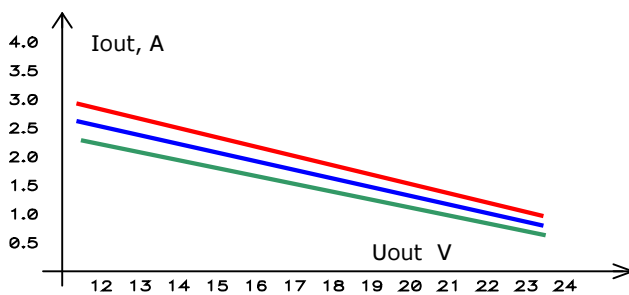
Radiointerference



Emission Interference

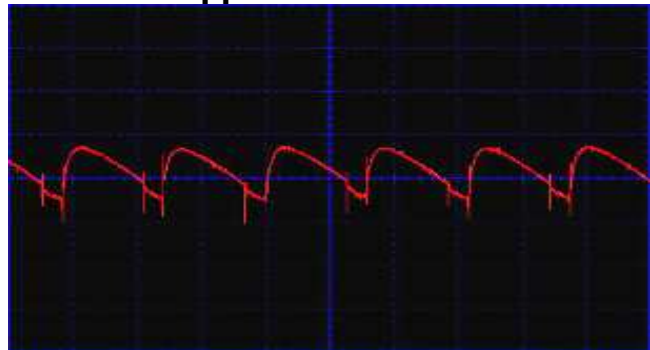


Short current protection points:



- Protection ON at t°C = 25°C
- Protection ON at t°C = 60°C
- Nominal operating mode

1 Noise & ripple: waveform



FARADAY Electronics accepting applications on development and manufacturing of power supplies according to Your technical tasks. Minimal order quantity - 2000 pcs. Term of readiness - 20 days. Production time - 15 days + delivery.