

240W ENCLOSED POWER SUPPLY RANGE

STONTRONICS: GKF-240-5



Features:

- Universal AC input
- Built in active PFC, PF>0.95
- Highly efficient and high reliability
- 100% full load burn-in test

Description:

The 240W Enclosed power supply has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications. This range comprises of 4 models with outputs of either 5v, 12v, 24v, 48v. Each models is RoHS, CE, UL approved and come with a three year warranty.

MODEL		GKF-240-5
Output	DC Voltage	5V
	Rated Current	48A
	Current Range	0-48A
	Rated Power	240W
	Ripple & Noise	150mVp-p
	Voltage Regulation Range	5%~10% rated output voltage
	Voltage Accuracy	+1.0%
	Line Regulation	+0.5%
	Load Regulation	+1.0 %
	Rise Time	<2.0s /230Vac input (Full load)
	Hold Up Time	>10ms / 230Vac at 100% Load
Input	Full Input Voltage Range	85-264Vac
	Full Frequency Range	47-63Hz
	Efficiency	79%
	AC Current	<4.5A
	In Rush Current	30A / 115, 50A/230Vac Cold start
	Leakage Current	<0.25mA
Protection	Over Load	120~170% rated output power
	Short Circuit	Long term mode, auto recovery
Environment	Working Temp	-10°C ~ +60°C (230Vac) (Refer to output derating curve)
	Working Humidity	20~90%RH non-condensing
	Storage Temp	-20°C~ +45°C
	Storage Humidity	10 ~ 95%RH non-condensing
	Temp. Co-efficiency	+/-0.03% / °C (0 ~ 50°C)
	Vibration Resistance	10 ~ 500Hz, 2G, 10 minute cycle, X, Y, Z 60 minute in each direction
Safety	Safety Standards	EN60950-1, EN60950-1
	Withstand Voltage	I/P-0/P: 3KVac I/P-FG: 1.5KVac O/P-FG: 0.5KVac
	Isolation Resistance	>100M ohms
	EMC Emission	Compliance to EN55022 Class B
Others	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level
	Lifetime	200,000 Hours (25°C)
	Size	199mm x 99mm x 50mm (L x W x H)
Notes	Package	12pcs/ctn, 11.6Kgs
	The power supply is considered a component which must be installed into final equipment. The final equipment must be re-confirmed that it meets all applicable directives.	

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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