



WH-B124805 DC-DC转换器

WH-B124805 Series DC DC converter

Summary

- > 额定输出：功率 240W
Rated output: power 240W
- > 输入电压：12VDC
Input voltage: 12VDC



General specification

74 × 74 × 32mm

Specification	Model	WH-B124805
额定输出功率 Rated output power		240W
额定输入电压 Rated input voltage		12/24VDC
额定输出电压 Rated output voltage		48VDC
电压 Voltage range		10V-45VDC
启动电压 Starting voltage		10VDC 100%负载 Load
空载功耗 No-load power consumption		< 0.5W
效率 Efficiency		93%
电压 Voltage		VOUT:48VDC
电流 Current		5A
电压调整率 Voltage tolerance		1%
负载调整率 Load regulation		3%
纹波电压 Wave(mvp-p)		150mv 外接22UF 电容 ESR<0.1Ω 100KHZ 150mv External 22UF capacitor ESR < 0.1 Ω 100KHZ
过流保护 Over current protection		在额定输出的情况下，大于额定电流120%，过电流保护将起作用，过电流消失后，它将自动恢复。 In the case of rated output, if the current exceeds 120% of the rated current, the overcurrent protection will act, and it will automatically recover after the overcurrent disappears.
输出短路保护 Short circuit protection		输入需加 20A 保险丝 Input requires adding a 20A fuse
输入—输出 Input—output		非隔离 Non-isolated
防水 Waterproof		全密封防水 Fully sealed and waterproof
尺寸 Dimension		74×74×32mm
重量 N.W.		300g
冷却方式 Cooling method		自然冷却 Natural Method
额定值温升 Rated temperature rise		45℃
可靠性 Reliability		> 100000h
接线说明 Wire indicator		输入正（红色），输入负（黑色），输出正（黄色），输出负（黑色）引线长度=160mm±10mm Input positive (red), input negative (black), output positive (yellow), output negative (black), lead length=160mm±10mm

PIC和安装尺寸

PIC and installation dimensions

