

FTPC12V24

Constant Voltage LED Power Supply 12W



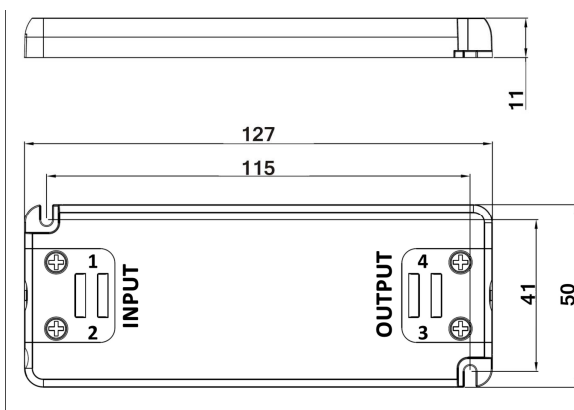
FEATURES

- Protection: Short circuit / Over load / Over temperature
- Cooling by free air convection
- Tested under full load
- Isolation class II
- Low price

ELECTRICAL SPECIFICATION

MODEL	FTPC12V24	
OUTPUT	Rated voltage	24V
	Rated current	0,5A
	Current range	0 ÷ 0,5A
	Rated power	12W
	Ripple & noise (typ.)	1.8V _{p-p}
	Voltage tolerance	±5%
INPUT	Voltage range	180 ÷ 264VAC
	Frequency	50Hz
	Efficiency (typ.)	75%
	AC current (typ.)	0.2A / 230VAC
	Inrush current (max.)	40A / 230VAC (cold start)
PROTECTIONS	Short circuit	Type: hiccup mode, auto-recovery
	Overload	Range: 110% rated output power Type: hiccup mode, auto-recovery
	Over temperature	Range: max. 115°C (case temperature) Type: hiccup mode, auto recovery
ENVIROMENT	Working temperature	-20°C ÷ +45°C
	Working humidity	45 ÷ 85% RH (non-condensing)
	Storage temperature and humidity	-20°C ÷ +60°C; 10 ÷ 95% RH (non-condensing)
SAFETY REGULATIONS & EMC	Safety standards	EN61347-1, EN61347-2-13
	Withstand voltage	I-O: 3.75kVAC
	Emission - EMI	EN55015, EN61000-3-2, EN61000-3-3
	Immunity - EMS	EN61547
OTHERS	Dimensions	127*50*11mm
	Weight	60g
<p>1. All parametrs NOT specially mentioned are measured at 230VAC input rated load and 25°C temperature. 2. Tolerance expresses the maximum range of the output voltage by switching taking into account changes depending on the input voltage and changes according to changes in load current. 3. The power supply is according to the standard EN61204 component designed for installation in the final product by qualified personnel and should not be treated as a stand-alone device. The final effect of electromagnetic compatibility is determined for the final product, the declaration of conformity is required for all installations.</p>		

MECHANICAL SPECIFICATION



Terminal assignment			
No.	Funkcion	No.	Funkcion
1	INPUT: AC/N	3	OUTPUT: -V
2	INPUT: AC/L	4	OUTPUT: +V