FTPC150V-S-WP series

Waterproof IP66, 150W LED Switching Power Supply (CV)





■ Features:

- Constant voltage design
- European AC input range
- Protections: Short circuit / Overload / Over voltage / Over temperature
 - Cooling by free air convection
 - Suitable for use in Dry and Damp locations
 - Extremely short and slim case

□ □ ⊕ IP66 SELV

® ELECTRICAL SPECIFICATION			
MODEL	FTPC150V12-S-WP	FTPC150V24-S-WP	
ОИТРИТ			
Rated Voltage	12V	24V	
Rated Current	11A	6.25A	
Current Range	0 ÷ 11A	0 ÷ 6.25A	
Rated Power	132W	150W	
No Output Voltage (max.)	12.6V	25.2V	
Line Regulation	± 1%		
Load Regulation	± 2%		
Voltage Tolerance [3]	± 5%		
Ripple & Noise (max.) [2]	300mV _{P-P}	300mV _{P-P}	
Setup, Rise Time [4]	max. 500ms, max. 50ms / 230VAC at full load		
Hold up Time (typ.)	10ms / 230VAC at full load		
INPUT			
Voltage Range	180 ÷ 264VAC		
Frequency Range	47 ÷ 63Hz		
Power Factor (typ.)	PF > 0.95 / 230VAC pod pełnym obciążeniem		
Efficiency (typ.)	90%	91%	
AC current (typ.)	0.7A / 230VAC		
Inrush current (max.)	60A / 230VAC(25°C)		
No Load Power Consumption (max.)	0.5W		
PROTECTIONS			
Over Current	Range: 110 ÷ 160%		
	Type: hiccup mode. Recovers automatically after fault condition is removed.		
Short Circuit	Type: hiccup mode.		
Over Voltage	13.5 ÷ 18.5V	28 ÷ 36V	
	Type: hiccup mode. Recovers automatically after fault condition is removed.		
	Range: 110°C ± 10°C		
Over Temperature	Range: 110°C ± 10°C		

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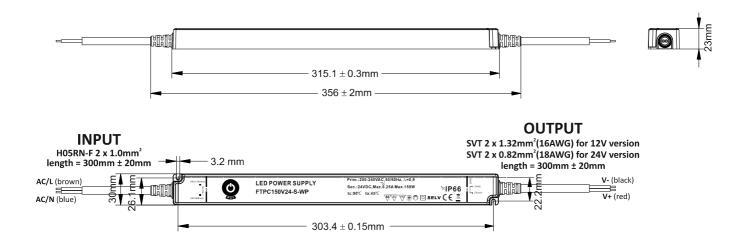


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WORKING ENVIRONMENT			
Working Temperature	-20°C ÷ +45°C, tc: 90°C		
Working Humidity	45 ÷ 85% RH non-condensing		
Storage Temperature and Humidity	-30°C ÷ +70°C, 10 ÷ 95% RH non-condensing		
SAFETY AND EMC REGULATIONS			
Safety Standards	Compliance to EN61347-1, EN61347-2-13		
Withstand Voltage	IN/OUT: 3.75kVAC		
EMC Emission	Compliance to EN55015		
EMC Immunity	Compliance to EN61547		
Harmonic Current	Compliance to EN61000-4-2, 3, 4, 5, 6; EN61000-3-2		
OTHERS			
Dimensions	356 x 30 x 22mm (L x W x H)		
Weight and Packing	0.42kg; 20pcs./box; box dimensions: 39 x 22 x 16.5cm		
EAN Code	5 902135 123287	5 902135 123270	
1. All parameters NOT specially mentioned are measured at 2	30VAC input, rated load and 25°C of ambient temperature.		

- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF i 47µF parallel capacitor.
- 3. Tolerance includes set up tolerance, line regulation and load regulation.
- 4. Setup and rise time is measured from 0 to 90% rated output voltage.
- 5. Power supply is considered as component not indented to apply by end-user. Power supply meets safety and EMC standards however the final equipment with power supply must be re-quality to comply with EMC Directives.

OMECHANICAL SPECIFICATION



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