

FTPC SIL-PIR series

Human body PIR sensor with controller



Features:

- Pyroelectric Sensor
- Universal AC input range
- Design to control input of LED power supply



Ⓢ ELECTRICAL SPECIFICATION

MODEL	FTPC SIL-PIR
OUTPUT	
Rated Voltage	100 ÷ 240VAC, 50/60Hz
Rated Current	1A
Rated Power	100VA / 100VAC; 240VA / 240VAC
INPUT	
Voltage Range	100 ÷ 240VAC
Frequency Range	50/60Hz
Standby power consumption (typ.)	0.5W
WORKING ENVIRONMENT	
Working Temperature	-20°C ÷ 50°C
Working Humidity	45 ÷ 85% RH non-condensing
Max. Case temperature	70°C
Lifetime	> 100 000 switches for 230VAC input, ambient temp. 25°C and full load
SAFETY AND EMC REGULATIONS	
Safety Standards	Compliance to IEC61347-1, IEC61347-2-11
EMC Emission	Compliance to EN55015
EMC Immunity	Compliance to EN61547
OTHERS	
Dimensions	83.4 x 36.5 x 18.5mm (L x W x H)
Wiring method	Terminal block
IR Control	<ol style="list-style-type: none">1. The sensor detects human movement in front of the detectors, the relay closed and the output voltage is on. Delay time: 10sec- 3min. The delay time can be adjusted by rotating the potentiometer on the housing.2. After the delay time finished, relay opened and the output voltage is off.
Detection range	See detection figure

EAN Code

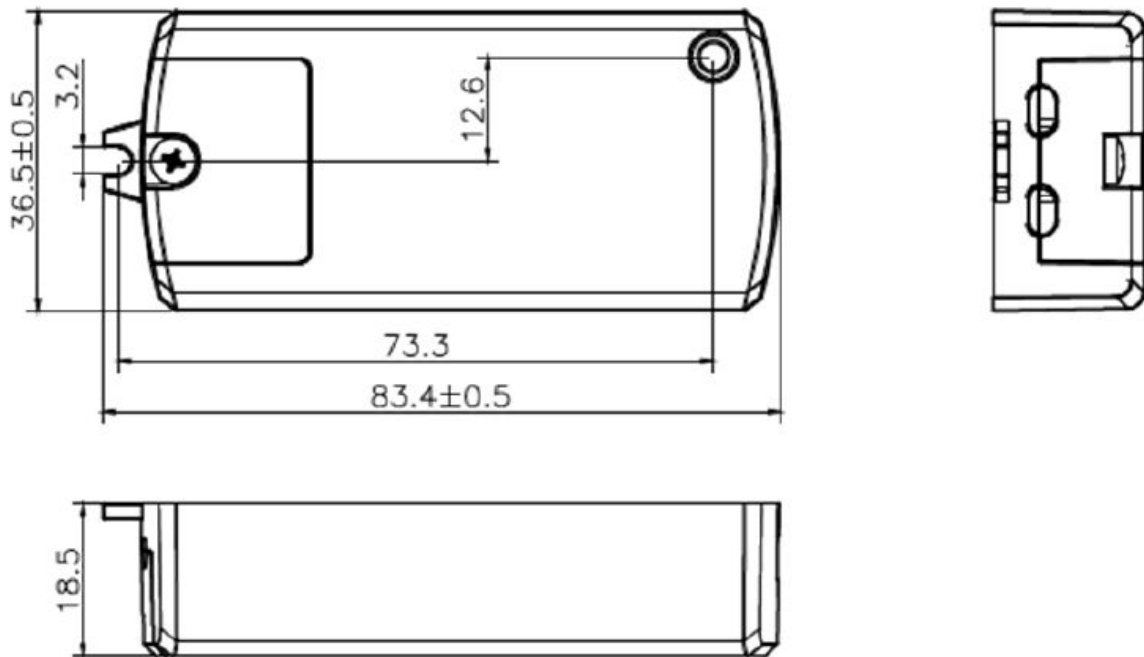


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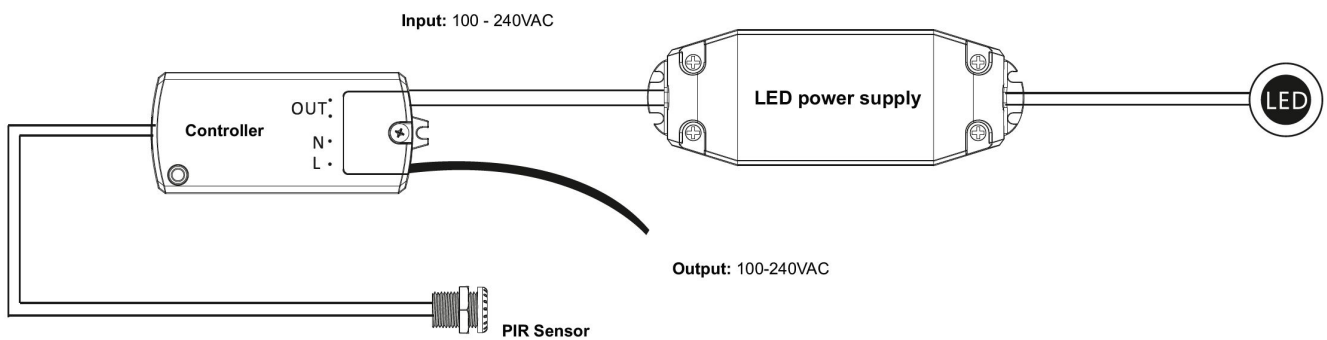
© MECHANICAL SPECIFICATION



© SENSOR SPECIFICATION

Sensor	Dimensions [mm]	Hole opening diameter [D]	Day light detection
FTPC S103		Φ21mm	No

© WIRING DIAGRAM



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© DETECTION RANGE OF PYROELECTRIC SENSOR

