

FTPC SIM-IR series

Infrared IR detector with controller



Features:

- Infrared Sensor (react with human hand or object)
- Universal AC input range
- Design to control input of LED power supply (mirror mode)



Ⓢ ELECTRICAL SPECIFICATION

MODEL	FTPC SIM-IR
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	
Safet 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	1. First cover of sensor: relay closed, output voltage on 2. Second cover of sensor: relay open, output voltage off 3. Wave hand to achieve the purpose of cyclic switching
Detection range	Max: 5-10 cm

EAN Code



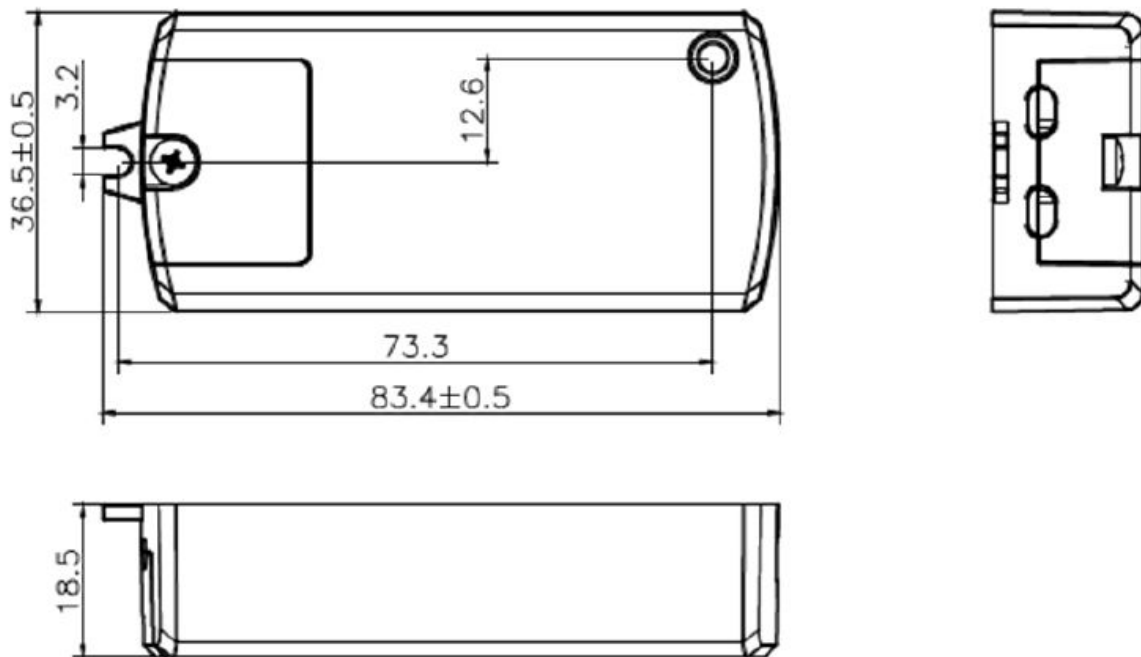
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© MECHANICAL SPECIFICATION



© SENSOR SPECIFICATION

Sensor	Dimension [mm]	Hole opening diameter [D]	Board Thickness [L]	Options
FTPC S101		Φ13mm	>1mm	Standard
FTPC S102		Φ13mm	<10mm	Optional

© WIRING DIAGRAM

