

# EK01150DIMF

## Características do produto

- Single-channel constant voltage output, 12.5A Max.
- Support Leading edge (Triac) and Trailing edge (ELV)Dimmer.
- Dimming range from 200VAC to 240V AC.
- Dimming effect smooth, no flicker
- High efficiency: up to 87%.
- Over Power protection; Over voltage protection ; Short circuit protection;
- Suitable for indoor LED lighting



## Technical Parameters

Model	EK01150DIMF	
Input	Efficiency	87%(Typical)
	Voltage	200VAC-240VAC
	Frequency	50/60Hz
	Power Factor	/
	Current	2A@230VAC
	Dimming voltage range	40-240VAC
	Inrush Current	45A@230VAC
Output	Current/Voltage/Power	12.5A/12VDC/150W
	Ripple Current	200mVp-p
	Channel	1
	Voltage Tolerance	±3%
	Turn On Delay Time	<1s, at 230Vac
Function	Dimming Mode	Triac
	Dimming Range	1-100% Dimming to off
Protection	Over Power	Limit the output power to 110% - 150% of the rated power
	Short Circuit	Close the output, restart to recover since fault condition is removed for 10s
	Over voltage	Hiccup, recovers after fault condition is removed
Others	Working Temp.	-20°C-50°C
	Storage Temp.; Humidity	-40°C-85°C, 20-90%RH
	Tc	75°C
	Material	Metal
	IP Rating	IP20
	Lifetime	30,000h @ tc:85°C
	Warranty Condition	3 years
	Switch Cycle	>15,000 times
	Packing Size	Net weight: 842g±5%/PCS; 20PCS/ Carton; 18kg±5%/ Carton; Carton Size: 367*292*289mm(L*W*H)
	Dimension	260*78.3*45mm(L*W*H)

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## Dimension (mm)



## Wiring Diagram



## Cautions

- 1.The product shall be installed and serviced by a qualified person.
- 2.This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 5.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.For safety consideration, PVC or rubber cord of 0.75-1.5mm<sup>2</sup> is recommended for input and output terminal(s) . Flat power cord is not suitable. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.