Fully Automatic Or Manual Control IDimmer 3000W 3L Dimmer Programmable For Poultry Breeding

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Farmrob
- Certification: ISO9001
- Model Number: DIM-3L
- Minimum Order Quantity: 200 pc
- Packaging Details: In wooden cage packaging
- Delivery Time: 200 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 pc per/month

Product Specification

- AC Input: 180-264Vac 50/60Hz Single Phase
- 220Vac Rated Wattage: 3000W
- Nput Current: 17A Max
- Optimal Brightness Level: 0-100%
- Dimensions: 330*250*105mm
- Waterproof Grade: IP54
- Warranty: 5 Years
- Highlight: **3L Poultry Breeding Dimmer**, **Programmable Poultry Breeding Dimmer**, **3000W Poultry Breeding Dimmer**

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Product Description

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Dimmer

The 3000W 3L Programmable Dimmer features three-channel output, allowing control of all lights within the poultry house. Each channel is rated at 1500W, for a total of 3000W. The dimmer has unique features, such as stable operation at low brightness levels and high flexibility.

Main features

Three channels output

• Manual brightness control

• Auto control (Setting hours/Brightness/Days)

• External control by signal 0 - 10Vdc input or RS-485

• Automatic settings recovery after power failure

• Minimum brightness settings

• Alarm and Five protections

Note:The settings are immediately saved after being defined.

Technical Features

AC Input	180-264Vac 50/60Hz Single Phase
220Vac Rated Wattage	3000W
Input Current	17A Max
Safety	Anti 6KV Lightning Surge
	Power off when dim to 0%
Performance	Harmonic Current Inhibition
Optimal Brightness level	0-100%
Five Protections	OVP (Over Voltage Protection)
	UVP(Under Voltage Protection)
	OPP (Over Power Protection)
	OTP (Over Temperature Protection)
	OCP (Over Current Protection/ Short Circuit Protection)
Dimensions	330*250*105mm
Weight	3.5kg
Permitted ambient temperature	20°C~50°C
Storage temperature	-30°C~80°C
Waterproof grade	IP54
External Control	0-10V Signal / RS485
Conformity with standard	EN 60669-2-1
Warranty	5 years

User Interface

NO	Name	Description
1	LCD	Display information of this dimmer
2	OK	Power OK, Dimmer working properly
3	Alarm	Dimmer failure alarm, see details at Clause 6
4	Back	Return to the previous step
5	Arrow keys	To next step or select an option
6	Rotary Switch (Enter)	By rotaing the switch for changing the brigtness and Enter for selecting
7	Manual Control	Pressing the button to Manual control the brigtness by Rotary Switch
8	Auto Control	Pressing the button to Auto control and set up user lighting program
9	External Control	Pressing the button to external 0-LOV signal control
10	AC Output Terminal	Connecting the lights (Three channels output)
11	AC Input Terminal	Connecting L (Live Wire), N (Neutral Wire) and GND (Ground Wire)
12	RS-485 Port	Connecting to digital communication network of RS485
13	0-10V Port	0- 10V signal input for external control
14	Dry-contact Port	REL0: Working with light. The dry-contact port NO/NC, when light ON/OFF
		REL1: Working with alarm.The dry-contact port NC/NO, when appearing the OVP,UVP,OTP,OCP,OPP alarm or not
		REL2 : Connecting to the drinker system, starting 30s in advance
15	USB Port	Program upgrading by connecting to computer

Situation For Alarm Occur

When an operation error occurs, the dimmer turns on the protection and lights shut down. A "Di-Di"warning sounds can be heard and alarm reports appear on the LCD. After troubleshooting, the lights and dimmer can restart in 1mins, Or manually to turn OFF/ON the AC Power.

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