

DPC digital controller

LS-DPC-E series · Light controllers · 2 models



DPC digital controller for standard 24V light, adjustable high-frequency PWM output, 256-level brightness adjustment, 0-999ms delay for light on/off, external high-speed strobe triggering, with serial port.

Features

- Large screen for easy reading and simple operation.
- 256-level brightness adjustment.
- Soft trigger for remote channel control.
- High-speed optocoupler extends light life via strobing.
- Delay setting: Lighting/extinguishing delay time 1 to 999 ms
- Remote control via serial/Ethernet/RS485/RJ45.
- DIN rail or bottom mount options.

Applications

- Used for 24V light.

Common specifications

Output voltage	24V
Single channel output power	48W
Adjustment method	PWM, 0-255 level
PWM frequency	Selectable high and low operating frequencies
Trigger output voltage	DC5-24V
Trigger delay	8us
Overload protection	100% (displayed at the bottom of the screen. Power off to restore)
Communication port	RS232/EIA485 optional
ID setting	TD: 0-99 (When using EIA-485, one PC can control multiple controllers, up to 100 controllers)
Light on/ light off	Configurable by trigger timing or RS232/EIA-485
Operating environment	Temperature: 0-40°C, Humidity: 20-85%

Ordering code: DPC + output total power + output voltage + channel + interface (232 is RS232, 485 is EIA485, RJ45 is Lan); coding table example: DPC | 60 | 24 | 4 | 232

Models

Model	Input voltage	Total output power	Channels
LS-DPC-6024-4	AC 100-240V / 24V DC (two columns printed with the same model number)	60W	4 ch
LS-DPC-10024-6	AC 100-240V	100W	6 ch

More values per model (Control) are on each product page.