

Constant current controller (I05)

LS-DC-I05 series · Light controllers · 6 models

4-channel controller with built-in switching power supply, RS232, external triggering with switchable trigger level and optional 12V/24V/48V output voltage.

Features

- Supports RS232 communication
- Built-in switching power supply
- Low trigger response time
- Supports external trigger mode
- Supports constant-light trigger, constant-off trigger and constant light function
- Supports trigger level switching
- Brightness and mode can be set manually
- Optional 24V or 48V output voltage
- 5~24V trigger, adaptable to high and low level trigger modes
- Convenient installation: screw mounting or C45 card rail



Common specifications

Baud rate	9600-115200bps optional
Brightness levels	255/999
Control	Digital (4-digit display, buttons), RS232
Dimensions (mm)	79 x 127 x 165
Driving mode	Constant current
Max input voltage	220VAC
Max output current per channel	1/2.5A
Max output voltage	Optional 12V/24V/48V
Operating temperature	5~50°C
Overheat protection	65W none, all others have
Short circuit protection	No
Trigger	5~24V external trigger, adaptable to high and low level trigger modes; edge
Trigger mode	Edge trigger
Working mode	0: normally extinguished, 1: normally light, 2: constant light

Ordering code: LS-DC<built-in supply power W>-I05C-<max output voltage>010-4 (DC = digital current type, I05 series, C = RS232)

Models

Model	Built-in power supply power	Connected light source type	Total output (W)
LS-DC65-I05C-24010-4	65W	10mA~1A 24V power supply	65

LS-DC65-I05C-48010-4	65W	10mA~1A 48V power supply	65
LS-DC120-I05C-12010-4	120W	10mA~1A 12V power supply	120
LS-DC120-I05C-24010-4	120W	10mA~1A 24V power supply	120
LS-DC120-I05C-48010-4	120W	10mA~1A 48V power supply	120
LS-DC200-I05C-24025-4	200W	10mA~2.5A 24V power supply	200

More values per model (Number of channels) are on each product page.

Dimensions

