

112007 BUS Receiver 1ch Constant Current



Nuvolight GmbH & Co. KG
Gewerbegrund 12
82272 Moorenweis

Tel: +49 (0)8146 / 99 58 00
info@nuvolight.de

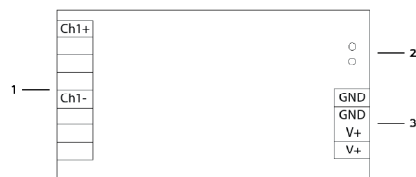
112003-NI-001

Product features

- DMX controlled constant current control actuator
- 1x constant current output with 16-bit dimming
- 1x DMX input
- Settings and control via web interface
- Can be used in industrial companies

Package contents

- 1x BUS Receiver 1ch Constant Current
- 1x 8-pin spring clamp
- 1x 4-pin spring clamp
- 1x Bus coupler terminal
- 1x Usage information



Device information

1. Constant current output, Plus and minus pole
2. DMX input pins
3. Power supply V+ / GND

Mount device



Touching live parts can result in serious property damage or personal injury, e.g. fire or electric shock.

Isolate before working on the device and cover live parts in the area. Failure to do so will result in personal liability for damage to property and personal injury!

1. Disconnect the mains voltage
2. Connect the bus system
3. Connect output lines
4. Connect the power supply
5. Warning: Only operate the device at 5 ... 48V DC voltage, otherwise the device may be damaged! Connected LED lamps must be capable of processing currents of at least 980mA at max. 5 ... 48V voltage, otherwise the LED lamp can be damaged.

Note: Before commissioning, check exactly whether your illuminant is suitable for constant current dimming. For example, PWM control is usually used for LED strips. Please use our product 112001 BUS Receiver 6CH PWM for this.

Installation

Check the following before commissioning:

- Power supply from 5 ... 48V DC voltage
- Check the polarity of the connections
- Check for electrically and mechanically perfect terminal contacts

Configuration of the device via web interface

1. Activate the power supply
2. Log in to the device's WLAN access point
Network name: SMART_<serial number>
Password: nuvolight123
Address: http://192.168.4.1
3. Make the settings for your application in a web browser. You can find a detailed list of the setting options in the data sheet on our website.
www.nuvolight.de/de/downloads



Technical specifications

Supply voltage:

Input voltage:	DC 5 ... 48V
Connection type:	Spring clamp
Cable:	max. 1,50mm ² strand

Constant current outputs:

Count	1 (plus and minus pole)
Output voltage:	DC 5 ... 48V
Output current:	0 ... 980mA
Connection type:	Spring clamp
Cable:	max. 1,50mm ² strand

DMX input:

Input voltage:	DC 0V ... 5V
Connection type:	Plug-in terminal WAGO 243
Cable:	0,6 ... 0,8mm ² rigid core

Betriebstemperatur:

-25 ... 60° C

Luftfeuchtigkeit:

0% ... 85%

Protection:

IP 20

Dimensions:

WxHxL: 42x21x103mm incl.

Weight & color:

Plugs, plus cables
52g, black

Behavior in the event of failure

Behavior in the event of failure or loss of the mains voltage

The device turns off, the outputs are switched off. Connected LEDs go out.

Behavior in the event of loss or loss of the DMX signal

The device outputs remain unchanged (standard setting) or go to a programmed initial state (configurable via web interface).

Behavior at the start and failure of the DMX signal

The device restarts, the outputs go into the initial state (all outputs at 50%, factory setting). The initial state can be edited by the user via the web interface.

Replacing the device



When changing the device, touching live parts may result in a short circuit or danger to life and limb from an electric shock.

Disconnect all connected conductors before changing. Failure to do so can result in property damage and personal injury!

Warranty

The warranty takes place within the framework of the legal provisions via Nuvolight GmbH & Co. KG. If devices malfunction, please contact info@nuvolight.de or the support hotline.