

29029 4 channel DMX CV dimmer

- number of channels: 4
- output current: 1A max
- nominal Supply voltage: 12/24 V DC
- dimming range: 0-100%
- dimming method: PWM
- dimensions: 64x28x16,4 mm

Technical Data

Input voltage range [V DC]	10-27
Power consumption [W]	0,15
Working ambient temperature [°C]	5-55
Protection	reverse polarity
Output frequency [Hz]	390
Connection type	screw terminal
Dimming interface	DMX 512
Data rate [kbps]	500
Electrical	EIA-485 (3V/5V)
Data working isolation [V]	500
Dimensions:	
Length [mm]	64
Width [mm]	28
Height [mm]	16,4

*Other current levels and voltages available if custom configuration needed.

Description

29029 DMX DV dimmer features data line DMX data line isolation from the rest of controller.

DEMO MODE:

Demo mode runs every time the controller receives power until it receives DMX signal.

ADDRESSING:

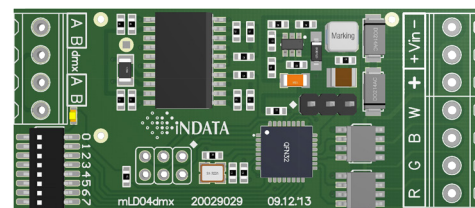
DMX address for the first channel on the dimmer is set using DIP switches. Addresses for other channels follows first one consecutively.

Example:

The controller is set on address 20:

- CH1 = 20
- CH2 = 21
- CH3 = 22
- CH4 = 23

DIP switches are set according to binary value of the address. For the upper 256 addresses the jumper in the center of the board has to be inserted and represents the most important bit in the address.



Address examples

address	1	2	3	21	49	100
Switch 1 (1)	ON	OFF	ON	ON	ON	OFF
Switch 2 (2)	OFF	ON	ON	OFF	OFF	OFF
Switch 3 (4)	OFF	OFF	OFF	ON	OFF	ON
Switch 4 (8)	OFF	OFF	OFF	OFF	OFF	OFF
Switch 5 (16)	OFF	OFF	OFF	ON	ON	OFF
Switch 6 (32)	OFF	OFF	OFF	OFF	ON	ON
Switch 7 (64)	OFF	OFF	OFF	OFF	OFF	ON
Switch 8 (128)	OFF	OFF	OFF	OFF	OFF	OFF
Jumper (256)	OFF	OFF	OFF	OFF	OFF	OFF

Address "0" (all switches set to off position) is for special purposes only. It should never be set as it could cause damage to the dimmer. All dimmers are set to the address "1" by default.