

Control C001

Dimmable

Product description

- 3-channel PWM dimmer
- For RGB colour control of LED modules
- For 12 or 24 V DC LED modules
- Suitable for 1...10 V, potentiometer or PWM control
- Ideal for controlling LED objects with relatively high system output (max. 2 A / channel)
- With integrated cable clamp and terminal cover
- Inputs electrically insulated from the supply voltage and output section
- Reverse polarity protection
- Short-circuit and overcurrent protection for output channels
- Automatic shutdown on overheating
- 6-pole screw terminal on the primary side
- 4-pole screw terminal on the secondary side
- Rapid installation of the cable clamp, no tools required



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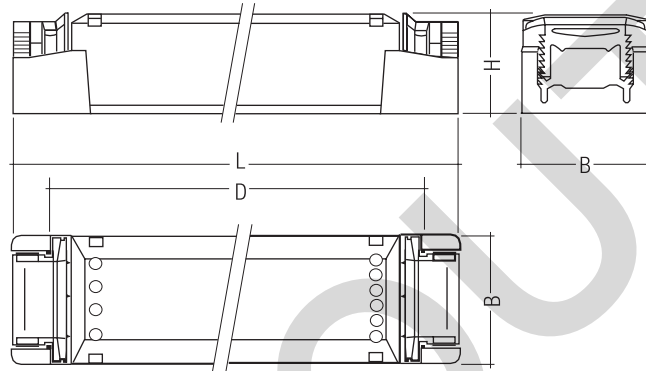


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Technical data

DC voltage range ^①	12 – 24 V (SELV)
Max. supply current	6 A
Number of control inputs	3 x 1..10 V, potentiometer or PWM electrically isolated
Control input analogue	1 ... 10 V
Control input, potentiometer ^②	100 kΩ, linear
Control input, PWM voltage	12 – 24 V
Control input, polarity reversal protection	Yes, reversible
Number of output channels	3 x PWM (RGB), 350 Hz
Output signal	PWM, 350 Hz
Output voltage range ^①	12 – 24 V (SELV)
Output current	max. 2 A / channel
Output, overcurrent protection	Yes
Output, short-circuit protection	Yes, reversible
Ambient temperature t_a	-25 ... 50 °C
Max. casing temperature	70 °C
Dimensions L x W x H	167 x 42 x 31 mm
Hole spacing D	143 – 148 mm



Ordering data

Type	Article number	Packaging, carton	Weight per pc.
C001	86454974	10 pc(s).	0.2 kg

^① SELV to be provided by the supply unit, e.g. Converter LCU 100 W.

^② If several channels are controlled by a potentiometer the resistance value must be divided by the number of channels to be controlled.

Standards
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384

Circuit diagrams

