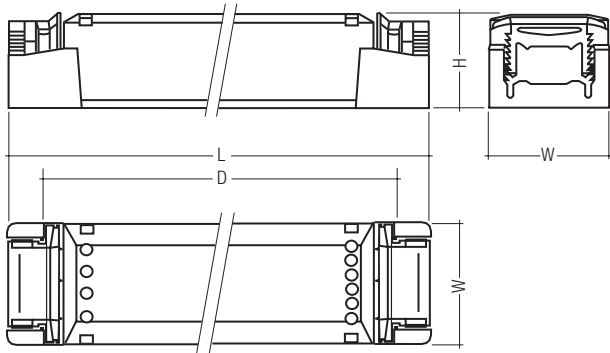


TALEXcontrol C001 PWM dimmer



- 3-channel PWM dimmer for RGB colour control of TALEX modules
- for 12V or 24V TALEX(module)/TALEX(strip)
- suitable for 1...10V, potentiometer or PWM control
- ideal suited for controlling LED objects with high system power (max. 2A/channel)
- control inputs galvanic separated from supply unit and output channels

- control inputs protected against reversed polarity
- output channels protected against short-circuit and overload
- protection against overtemperature
- 6-pole screw terminal, primary
- 4-pole screw terminal, secondary
- integrated strain-relief and terminal cover
- tool-free assembly of strain-relief

Packaging:
box of 10

Designed according to:
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384

type		TALEXcontrol C001 PWM dimmer	
article number			86454974
supply	supply voltage U_{in}	V_{DC}	12-24 (SELV ①)
	max. supply current	A	6
inputs	number of input channels	–	3 x 1...10V, potentiometer or PWM galvanic isolated
	analogue	V_{DC}	1...10
	potentiometer	$k\Omega$	100, linear ②
	PWM signal	V_{DC}	12-24
	protection against reversed polarity	–	yes, reversible
output	number of output channels	–	3 x PWM (RGB), 350 Hz
	output voltage	V	12-24 (SELV ①)
	output current	A	max. 2 / channel
	protection against overload	–	yes
	short circuit protection	–	yes, reversible
ambient temperature t_a	$^{\circ}C$		-25 → +50
max. case temperature	$^{\circ}C$		70
weight	kg		0.1
dimensions L x W x H	mm		167 x 42 x 31
fixing centres (D)	mm		143-148

① SELV to be provided by the supply unit, e.g. TALEXconverter K240

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

Sample calculation:

3 channels = $100\text{ k}\Omega / 3 = 33\text{ k}\Omega \rightarrow$ a $\geq 33\text{ k}\Omega$ potentiometer is needed

