

USER GUIDE

MINICUBO24P, MINICUBO48P

Dimming interface for constant voltage LED (CV)



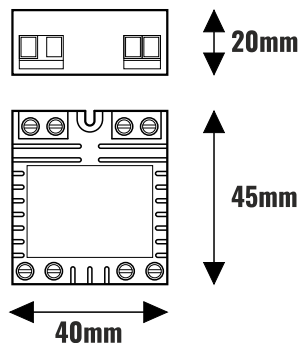
www.lef Lighting.it

General Characteristics

Plastic case
Device not for independent mounting
Electric class protection III
Case of reduced size
Protection degree IP20

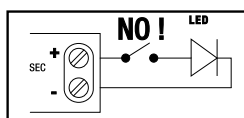
Technical Features

Input voltage range 24Vdc or 48Vdc
Output voltage range 24Vdc or 48Vdc
Brightness regulator for LED modules 24Vdc or 48Vdc
Brightness adjustment through:
- push-button (PUSH no voltage)
- 0-10V signal
- 47Kohm potentiometer (Linear or Logarithmic)
Frequency of the output voltage PWM: 250Hz
Synchronization of multiple interfaces via wiring (max10)
«LEVEL MEMORY» function
«STATUS MEMORY» function (at 100%, light ON after black-out)
Short circuit protection (SCP)
Operating ambient temperature Ta -10°C ÷ +40°C
Max case temperature on Tc 80°C



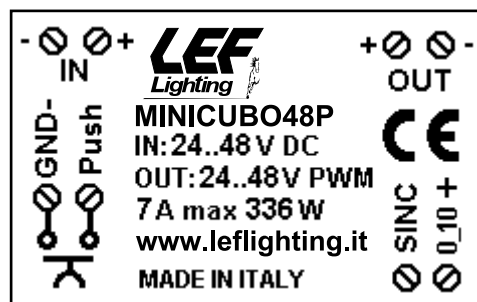
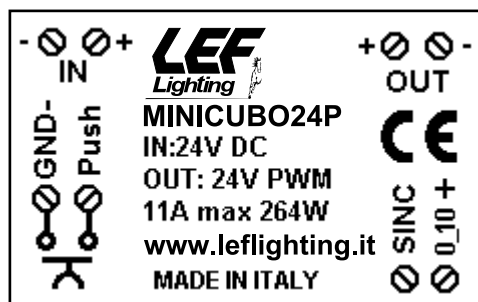
SYNCR by PUSH	max 10 SLAVE	DIM POT 47KΩ	DIM 0-10V	DIM PUSH NO VOLTAGE
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CODICE CODE	Tensione di ingresso Input voltage (Vdc)	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (A)		Potenza di uscita Output power (W)		Comando Command	CC CV	Peso Weight (g)
			@24Vdc	@48Vdc	@24Vdc	@48Vdc			
MINICUBO24P	24	24	11	-	264	-	PUSH 0-10V POT47KΩ	CV	35
MINICUBO48P	24-48	24-48	7	7	168	336			



N.B.

Device not suitable for
no-load operation.



Reference Standards

ATTENTION:

The installation of the product must be followed by qualified personnel.
If the product is used for purposes other than the original ones or if it is connected incorrectly, LEF Lighting S.R.L. will not accept any responsibility for damages caused.

EN 55015
EN 61000-3-2
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE
AEE identification nr.18040000010321

MADE IN ITALY



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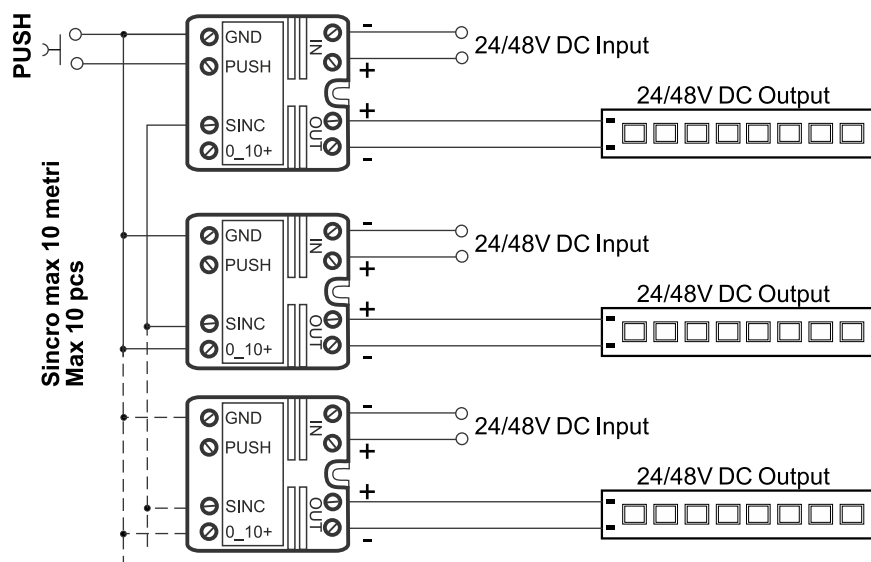
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Wiring diagrams

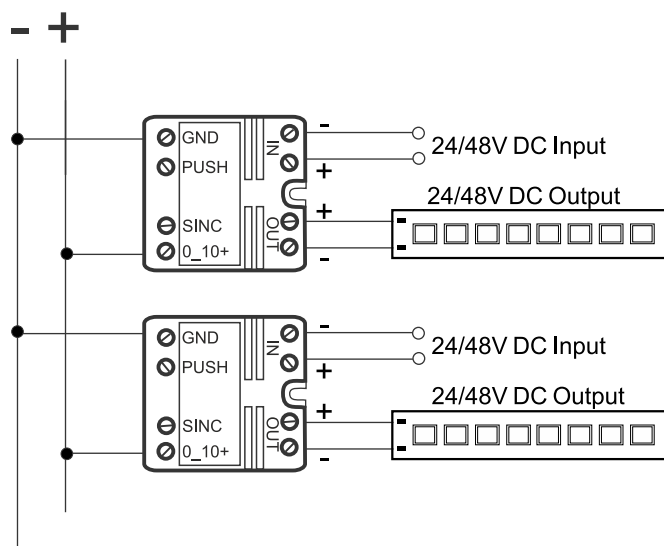


PUSH MODE

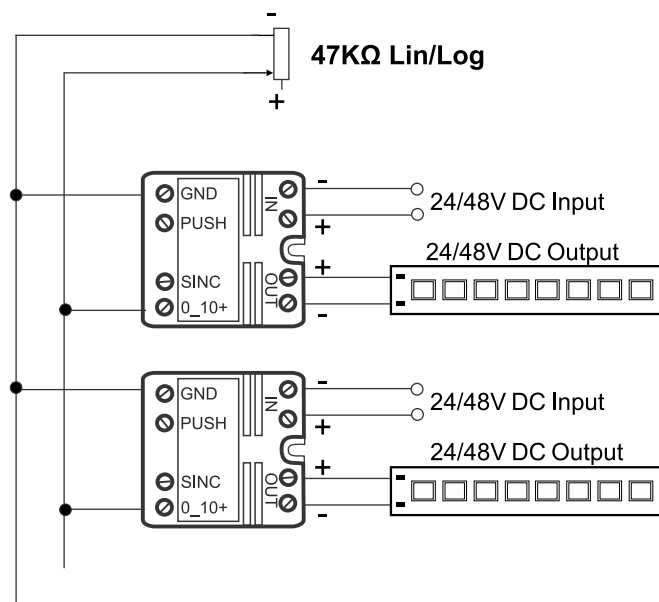


0-10V MODE

0..10V Input



POTENTIOMETER MODE



Install in a suitable place and, in the absence of voltage, respect the plate data.
 Use only SELV power supplies, approved for electrical safety and performance, whose power is suitable for the load.
 The connections are in low voltage, respect distances and insulation towards mains voltage lines.
 Push button line: keep the connections isolated from the mains and limit their length.
 The dimmer memory is kept with continuous power supply only.
 Synchro line: keep the connections isolated from the mains and max 10 meters.