

USER GUIDE

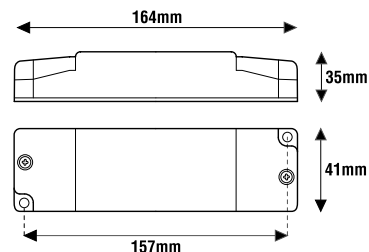
LE3624D

Dimmable constant voltage LED driver (CV) with
push-button and DALI signal control IP20



General Characteristics

Plastic case
Driver for independent mounting
Electric class protection II
Protection degree IP20



CODICE CODE	Tensione di ingresso Input voltage (Vac)	Frequenza di rete Input frequency (Hz)	Potenza di uscita Output power (W)		Comando Command	Tensione di uscita Output voltage (Vdc)	Corrente di uscita Output current (mA)		PFC (λ)	CC CV	Peso Weight (g)
			@110V	@230V			@110V	@230V			
LE3624D	110-240	50÷60	30	36	PUSH DALI	24	1250	1500	0,96	CV	180

WARNINGS FOR USE AND INSTALLATION

Constant voltage power supplies must be connected to groups of LEDs
with current regulators incorporated or with series resistors.

Respect the maximum load power and the voltages indicated.

Always pay attention to the polarity of the secondary cable.

Put the system far from heat sources and in well aerated places.

Thermal protection: if the temperature exceeds the limit values, the driver switches OFF and, after
few seconds, It switches ON again.

Avoid short circuit on the secondary side and give tension only after all LEDs have been connected

Lock the terminals carefully and do not with excessive power.

LEDs connection: use a 0,5...1,5mmq cable for a maximum length of 10m; use a 1,5mmq cable for
lengths: 10-30m.

Input wiring: use a cable 2x0,75 mmq minimum.

HEAVY USE: the load must be lower than the maximum indicated by 10% to 20% for all kinds of devices.
Check the maximum working temperature at tc point.

INSTRUCTIONS

Pressing the button quickly allows it to be turned on and off.

long press allows adjustment.

**In the event of a power failure or switch on the primary side, the
control unit maintains the last stored level (STATE MEMORY).**

Use buttons without indicator light.

To synchronize multiple power supplies, press and hold the button for 15 seconds

Technical Features

Input voltage range 110-240Vac

Input frequency 50÷60Hz

Constant voltage output 24Vdc

Brightness adjustment through:

- push-button (PUSH 230Vac)

- DALI signal

Synchronization of multiple drivers by cable (max 10 drivers)

Energy Efficiency (EE) 85%

Open circuit protection (OCP)

Protection against overtemperature (OTP)

Short circuit protection (SCP)

Power factor correction (PFC) $\lambda \geq 0,96$

Operating ambient temperature T_a -10°C ÷ +40°C

Max case temperature on T_c 70°C

Reference Standards

EN 55015

EN 61000-3-2

EN 61000-3-3

EN 61347-1

EN 61347-2-13

EN 61547



PRODUCT TO BE DISPOSED DIFFERENTLY
FROM URBAN WASTE
AEE identification nr.IT18040000010321

MADE IN ITALY



LEF LIGHTING S.R.L. | www.leflighting.it

Viale L.Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92

USER GUIDE

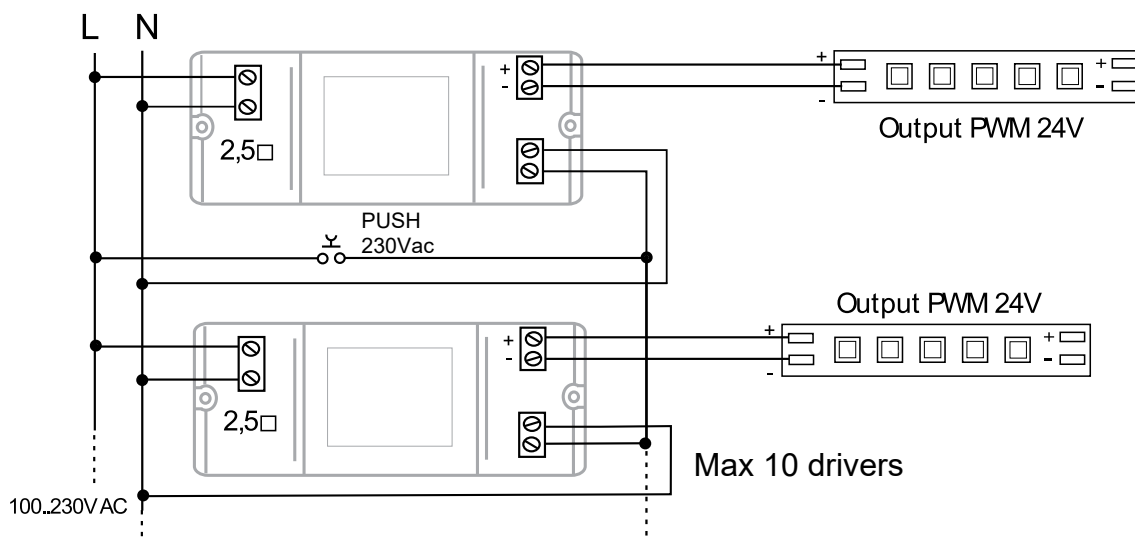
LE3624D

Wiring diagrams



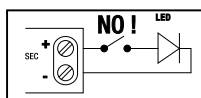
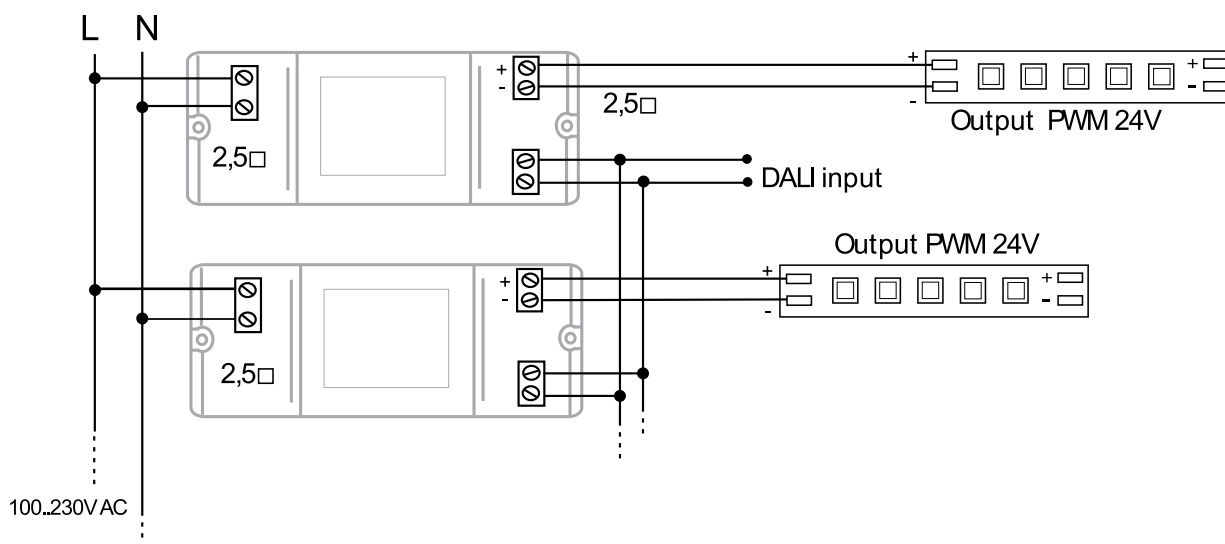
www.lef Lighting.it

PUSH 230Vac and SYNCRO by CABLE Mode



If the power supplies lose synchronization, by continuously pressing the button > 15 seconds they will synchronize again

DALI mode



N.B.

Power supply not suitable for no-load operation.

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.