

USER GUIDE

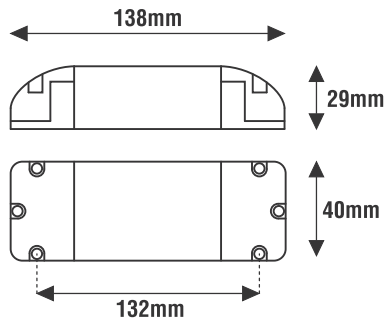
Code: LEPWM-REP

DIMMING INTERFACE EXTENDER 12-24Vdc



General Characteristics

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



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)		Versione Version	CC CV	Peso Weight (g)
				@12Vdc	@24Vdc			
LEPWM-REP	12-24	12-24	3x8	288	576	SLAVE	CV	90

+ Input 12..24V
 - Dimmer
 Test ON
 Input 1,5
 +
 R
 G
 B

LEF Made in EC
Lighting
LEPWM-REP
 LED Amplifier Repeater
 INPUT : 12..24V DC
 OUTPUT : 12..24V DC PWM
 8A X 3 Max Resistive Load
 Control : PWM 12..24V
 Max 1KHz ta 40°max
 www.lef-lighting.it

12..24V
 t_{CTO}
 R
 G
 B
 OUTPUT 4

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.

Technical Features

Input voltage range 12-24Vdc
 Output voltage range 12-24Vdc
Suitable dimming of LED modules 12-24Vdc
SLAVE function through (LECV1224DPE) (MASTER)
 Open circuit protection (OCP)
 Protection against reversed polarity (RPP)
 Operating ambient temperature Ta -10°C ÷ +40°C
 Max case temperature on Tc 70°C

Reference standards

EN 55015
 EN 61347-1
 EN 61347-2-11
 EN 61547

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

MADE IN EC

SELV

IP20

ta
MAX 40°C

tc
MAX 70°C

576
WATT

DC 12V
DC 24V

CV

50mm

USER GUIDE

Code: LEPWM-REP

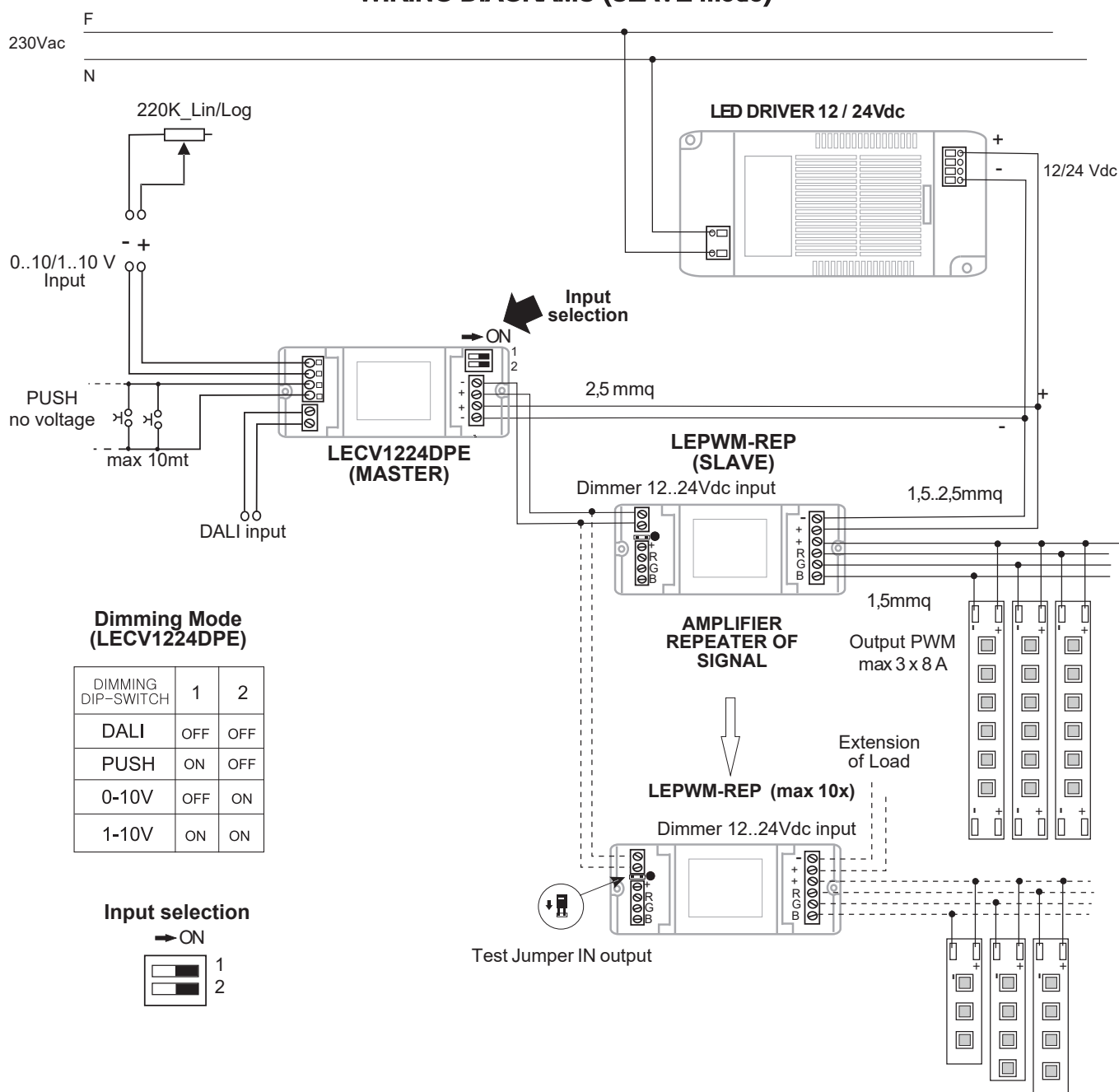
DIMMING INTERFACE EXTENDER 12-24Vdc



INSTRUCTIONS FOR LECV1224DPE INTERFACE WITH LEPWM-REP SLAVE REPEATER

Low voltage circuit: connect the input to a SELV or SELV equiv. driver.
 Use cable for high loads with a section suitable for the load up to 4mm .
 Connect a resistive load such as LED strips or LED modules respecting the maximum load.
 The interface introduces a loss of about 0.3V on the load at full power.
 Connections with reversed polarity can damage the appliance or the load.
 Use short connections and away from high voltage lines.

WIRING DIAGRAMS (SLAVE mode)



Dimming Mode (LECV1224DPE)

DIMMING DIP-SWITCH	1	2
DALI	OFF	OFF
PUSH	ON	OFF
0-10V	OFF	ON
1-10V	ON	ON

Input selection

