USER GUIDE
SR-2303NP

4-channel dimming interface controllable with DALI signal

LEF Lighting

www.leflighting.it

Reference Standards

EN 62386-101
EN 62386-102
EN 62386-207

General Characteristics

Plastic case
Device for indipendent mounting
Electric class protection III
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)			Comando Command	CC CV	Peso Weight (g)
			@12Vdc	@24Vdc	@36Vdc	@12Vdc	@24Vdc	@36Vdc			
SR-2303NP	12-24-36	12-24-36	5	5	5	**60**	**120**	**180**	**DALI**	CV	130

DISPLAY	DIM DALI	DALI 2	DALI DT6

Technical Features

Input voltage range 12-24-36Vdc
Output voltage range 12-24-36Vdc
Brightness regulator for LED modules 12-24-36Vdc
Brightness adjustment to Phase-cut with mode:
- DALI signal
With manual DALI channel addressing function
(via push-buttons and display)
Settings output:
1CH   single color light
2CH   CCT (Tunable White)
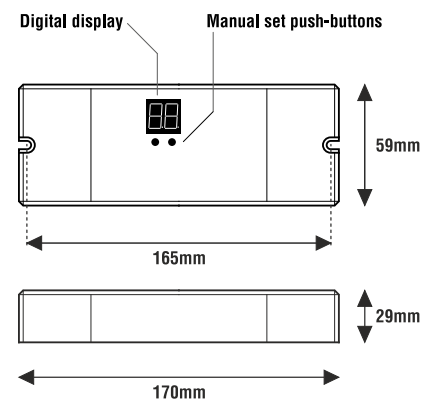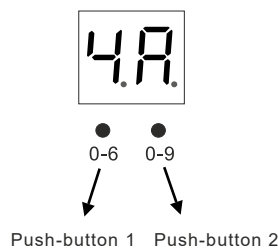**3CH   RGB**
4CH   RGBW
DALI consumption 2mA
Manageable power (see table)
Operating ambient temperature Ta -20°C ÷ +50°C
Max case temperature on Tc 75°C

Mode	Output	Address
1A	L1	00
	L2	00
	L3	00
	L4	00
2A	L1	00
	L2	01
	L3	00
	L4	01
3A	L1	00
	L2	01
	L3	02
	L4	02
4A	L1	00
	L2	01
	L3	02
	L4	03

0-6   0-9

Push-button 1   Push-button 2

Digital display   Manual set push-buttons

59mm

165mm

29mm

170mm

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.

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

MADE IN P.R.C.   22 PAP   CE   IP20   ta MAX 50°C   tc MAX 75°C   180 WATT   DC 12V DC 24V DC 36V   CV   65mm

DALI mode

DALI

Vin 12-36V
RGBW

V+	V+
1-	R-
2-	G-
3-	B-
4-	W-

Vin 12-36V
Monocolore

V+	V+
1-	V-
2-	V-
3-	V-
4-	V-

Vin 12-36V
CCT

V+	V+
1-	WW
2-	CW
3-	WW
4-	CW
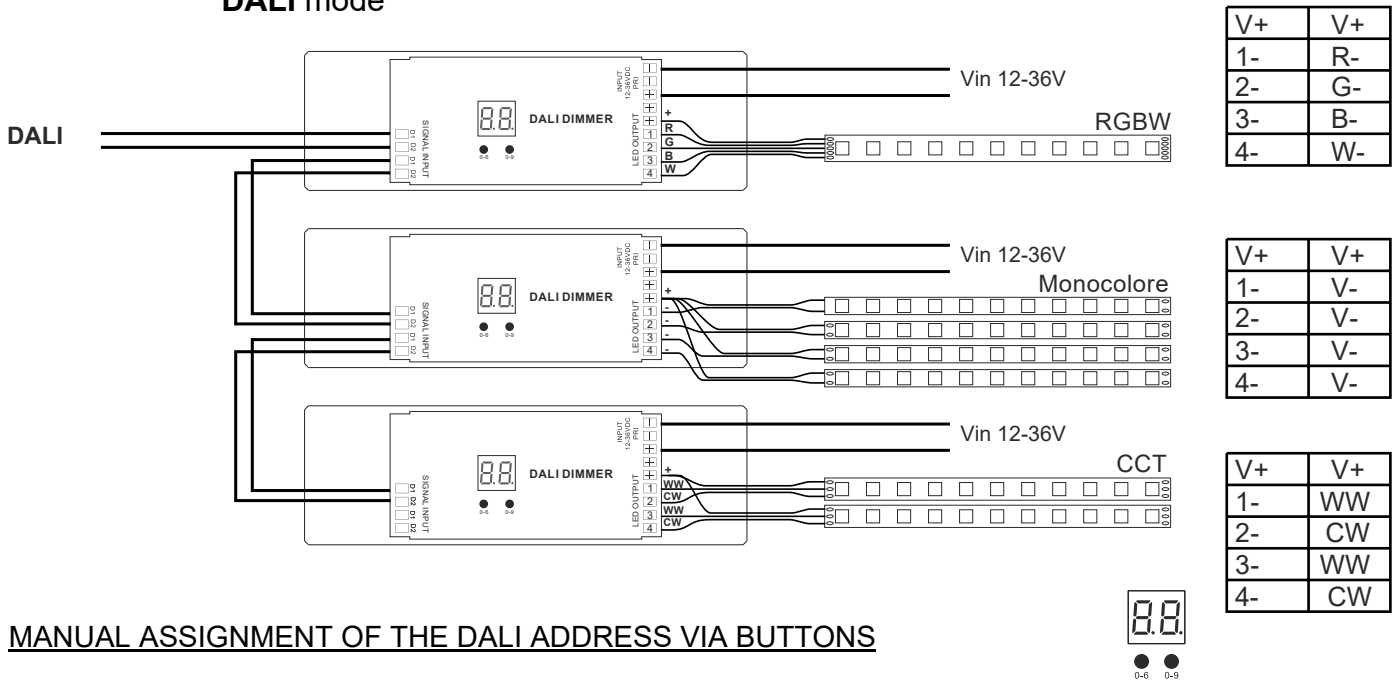
MANUAL ASSIGNMENT OF THE DALI ADDRESS VIA BUTTONS

- <u>Press and hold one of the two buttons</u> "0-6" and "0-9" until the numeric display flashes, then
  release the button.
- Press once on one of the two buttons "0-6" and "0-9" to select a digit, press again to modify
  the digit to the desired value. Press the first button "0-6" to set the "tens" position and press the
  second button "0-9" to set the position of the "units". DALI address can be set from "00" to "63".
- Press and hold any of the two buttons until the numeric display stops flashing for
  confirm the settings.

<u>N.B</u> .: The DALI address can be manually assigned from "00" to "63" and "FF". To set the "FF" value arrive
       to channel "63" and then press the "0-9" button once.
       <u>Setting the "FF" address will restore the dimmer to the factory settings.</u>

ASSIGNMENT OF THE DALI ADDRESS VIA DALI MASTER

The DALI address can be automatically assigned by the DALI MASTER controller. Follow the instructions in the DALI
MASTER manual.
N.B. The digital display shows the "AU" symbol when the DALI MASTER is assigning the addresses.

SET DALI ADDRESS QUANTITY (SEE TABLE)

- <u>Press and hold both buttons</u> "0-6" and "0-9" until the numeric display flashes,
  then release the button.
- Press the first button "0-6" to select "1A", "2A", "3A" or "4A" which means 1/2/3/4 DALI addresses.
- Then press and hold one of the two buttons until the display stops flashing to confirm the setting.
For example, when we set the DALI address to 00:
- When selecting 1A, the load of all 4 channels will have the same address 00 and will be controlled
  at the same time.
- When 2A is selected, channels 1 and 3 will have the same address 00, outputs 2 and 4 will have the same
  address 01.
- When you select 3A, channel 1 will have the address 00, channel 2 will have the address 01, channels 3 and 4
  will have the address 02.
- When 4A is selected, channel 1 will be address 00, channel 2 will be address 01, channel 3 will be
  address 02, channel 4 will be address 03.
<u>N.B.:</u> The channels with the same address will be controlled at the same time, the channels with different addresses
will be controlled separately.