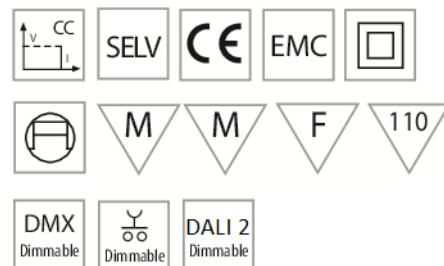


RGBBox – 4 Channels – DALI 2 DT8/DMX/PUSH

Constant current LED driver for RGB+W / Alimentatore corrente costante per RGB+W

Made in Italy 



Part number Codice prodotto	P out W @230V	I out	V out Min.	V out Max.	U out	λ Power Factor	Efficiency @230V
A40RGBOX435B	90	250÷500 mA	6 V	50 V	55 V	0,98	>91%

Features

- **IP20** independent driver
- Supplied with terminal cover and cable retainer
- Class II protection against electric shock for direct or indirect contact
- Self-resetting protection against overtemperatures, open circuit and output short circuits
- Possible parallel connection up to 6 drivers

Caratteristiche

- Alimentatore indipendente **IP20**
- Fornito di coprimorsetto e serracavo
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti
- Protezione auto ripristinante contro le sovratemperature, il circuito aperto e il corto-circuito sul secondario
- Collegamento in parallelo fino a 6 dispositivi

Directives / Direttive:

2014/35/EU (LVD); 2014/30/EU (EMC); RoHs 2011/65/EU + 2015/863/EU (RoHs); 2009/125/ECODESIGN regulation (EU) n°2019/2020 and 341/2021 amendment

Standards compliance: Conformità alle norme:

EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015
EN 55015:2019 + A11:2020; EN 61000-3-3:2013; EN 61457:2009;
EN IEC 61000-3-2:2019 + A1:2021
EN 63000:2018
EN IEC 62442-3:2022
IEC 62386-102:2014 + AMD1:2018; IEC 62386-207:2018

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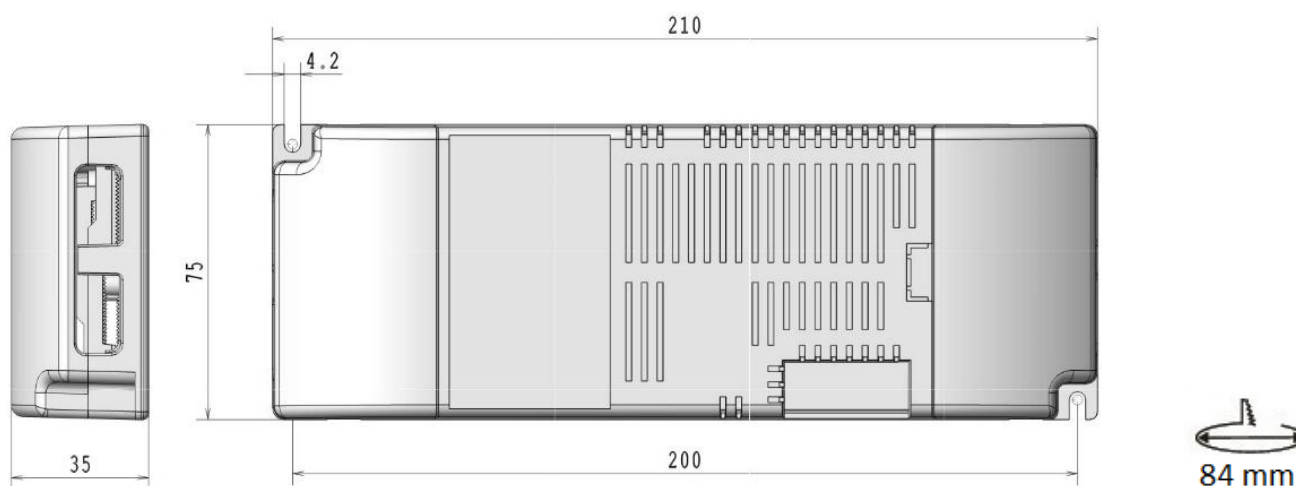
Other electrical data	
Nominal input voltage AC	220-240 V
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
iTHD	5%
Inrush current	11 A, 320 μ s
Surge capability (L-N)	> 1 kV
Output voltage range	6-50VDC @ 250-500mA
Minimum output load	6 W (1,5 W/channel)
Output voltage ripple (100 Hz)	< 5%
Standby power (Psb)	$\leq$ 0,5 W
Networked stanby power (Pnet)	$\leq$ 0,5 W
No-load proof	YES
Intended for no-load operation	NO
Output PstLM (Flicker value)	$\leq$ 1
Output SVM (Stroboscopic effects value)	$\leq$ 0,4
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-10...+40 °C
Storage temperature range	-15...+60 °C
Tc/Enclosure temperature	70 °C
Capabilities	
Dimmable	YES
Dimming interface	DALI-2 DT8 RGBWAF signal DMX LOW VOLTAGE PUSH-BUTTON HIGH VOLTAGE PUSH-BUTTON RADIO CONTROL
Input selector	Dip-switch
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 13-20 AWG
Wire preparation lenght (input side)	4...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 13-20 AWG
Wire preparation lenght (output side)	4...7 mm
Connections	0,5-2,5 mm ² screw or fast connectors
Max cables lenght for push-button line	10m, $\varnothing$ 0,5-2,5 mm ²
Nominal life-time	50000h @Ta 40 °C

RGBox – 4 Channels – DALI 2 DT8/DMX/PUSH

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Product dimensions



Color & materials

Casing material:	Polycarbonate V0
Color	White

Product weight

A40RGBOX435B	300 gr.
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