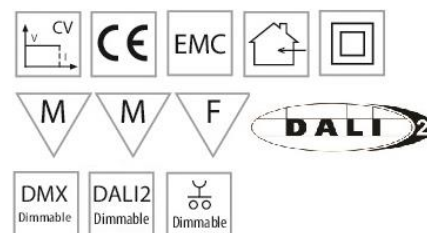


RGB Systems – RGBX424E 24V DT8 Multicontrol Driver

LED driver for RGB or RGBW / Alimentatore per LED RGB o RGBW

Made in Italy 



Part number Codice prodotto	Protocol	P out W @230V	P out W @110V	V out DC ±5%	I out DC max @230V (3Ch)	I out DC max @230V (4Ch)	λ Power Factor	Efficiency @230V	Efficiency @110V	tc °C
A40RGBX424EB	DALI DT8/PUSH	100	60	24	3x4,16 A	4x4,16 A	0,98	91%	89%	70
	DMX	100		24	3x1,38 A	4x1,04 A	0,98	91%	89%	70

Features

- **IP20** independent driver
- DMX and DALI inputs with self-test function and LED signal
- Possible parallel connection up to 10 drivers
- Supplied with terminal cover and cable retainer
- Class II protection against electric shock for direct or indirect contact

Caratteristiche

- Alimentatore indipendente **IP20**
- Ingresso DMX e DALI con funzione auto-test incorporata e LED di segnalazione.
- Collegamento in parallelo fino a 10 dispositivi
- Fornito di coprimorsetto e serracavo
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti

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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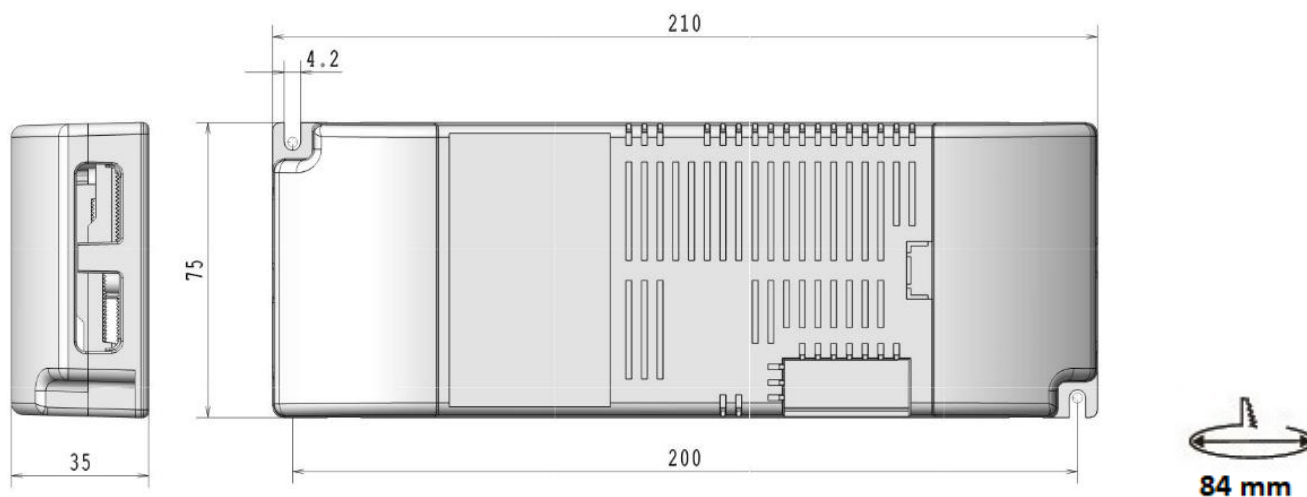
Other electrical data	
Nominal input voltage AC	110-240 V
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Output PWM frequency	250 Hz PWM common anode
Max output load for RGB in DALI/PUSH	3 x 100 W LED STRIP
Max output load for RGBW in DALI/PUSH	4 x 100 W LED STRIP
Max output load for RGB in DMX	3 x 33 W LED STRIP
Max output load for RGBW in DMX	4 x 25 W LED STRIP
Minimum output load	10 W
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
Leakage current:	< 0,5 mA
Temperatures and operating conditions	
Ambient temperature range	-10...+45 °C
Storage temperature range	-15...+60 °C
Capabilities	
Dimmable	YES
Dimming interface	DMX, DALI 2 RGBWAF DT8, PUSH BUTTON
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...9 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 13-20 AWG
Wire preparation lenght (output side)	4...9 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

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Product dimensions



Color & materials

Casing material:	Polycarbonate V0
Color	White

Product weight

A40RGBX424EB	340 gr.
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