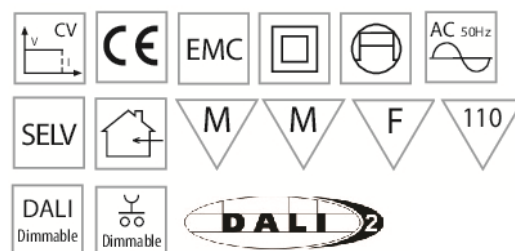


Dimmable LED drivers – PBFD – Dimmable DALI/PUSH

Constant voltage dimmable LED driver/Alimentatore dimmerabile per LED a tensione costante

Made in Italy 



Part number Codice prodotto	P out W @230V	P out W @110V	V out DC + 5%	I out DC max @230V	I out DC max @110V	λ Power Factor	Efficiency @230V	Efficiency @110V	ta °C	tc °C
A40PBF060DOB	60	35	24	2,5 A	1,45 A	0,96	89%	86%	-10...+40	80
A40PBF075DOB	75	50	24	3,12 A	2,10 A	0,96	91%	86%	-10...+45	75
A40PBF100DOB	100	50	24	4,16 A	2,10 A	0,96	90%	87%	-10...+45	85

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

Caratteristiche

- Alimentatore indipendente IP20
- Fornito di coprिमorsetto 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

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 + A1:2021
EN 55015:2019 + A1:2020; EN 61000-3-3:2013 + A1:2019; EN 61547:2009;
EN IEC 61000-3-2:2019 + A1:2021 + A2:2024
EN IEC 63000:2018
EN IEC 62442-3:2022
IEC 62386-102:2014 + AMD1:2018; IEC 62386-207:2018

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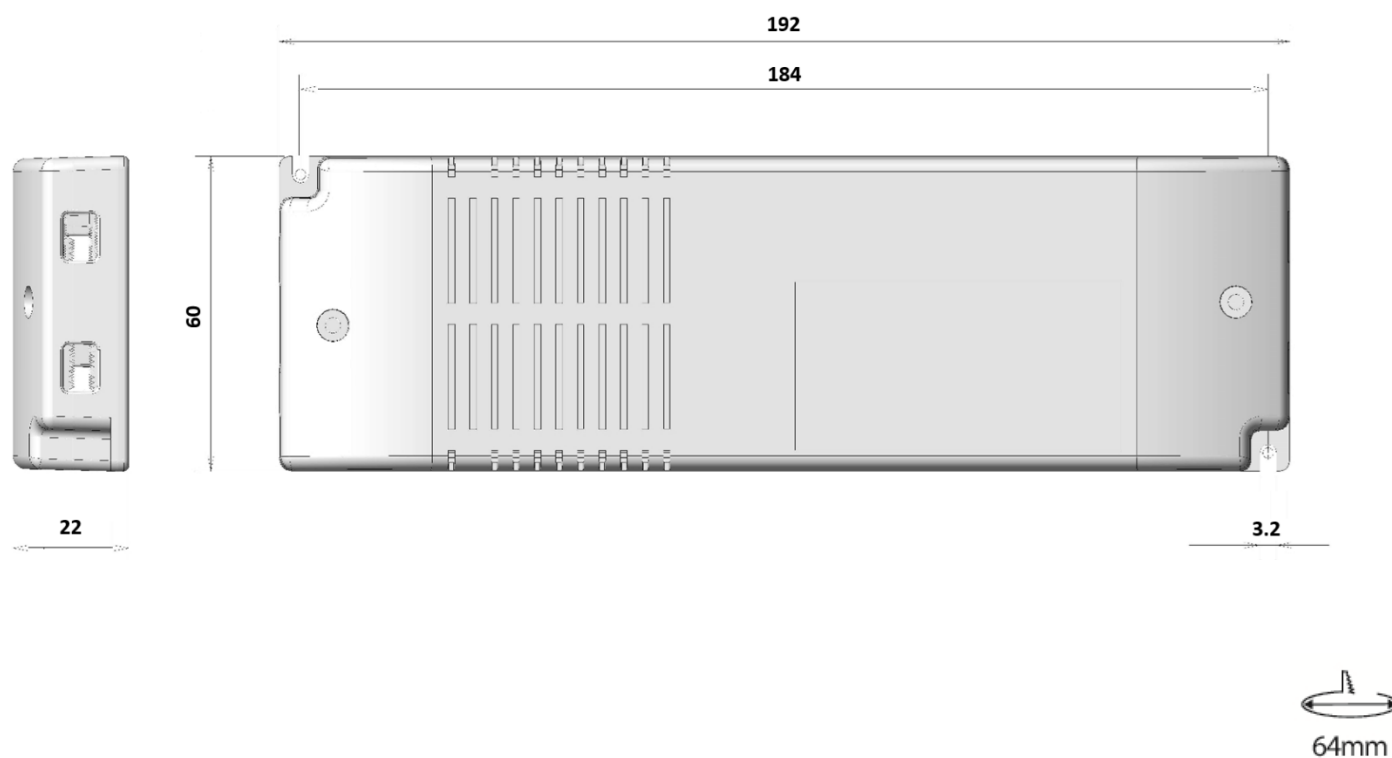
Other technical data	
Nominal input voltage AC	110-240 V
Mains frequency	50/60 Hz
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Output PWM frequency	1 kHz
Minimum output load	10 W
Output voltage ripple (100 Hz)	< 5%
Standby power (Psb)	$\leq$ 0,5 W
Networked stanby power (Pnet)	$\leq$ 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...+40 °C (60 W) -10...+45 °C (75 W / 100 W)
Storage temperature range	-15...+50 °C
Capabilities	
Dimmable	YES
Dimming interface	DALI-2 / PUSH-BUTTON
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	1 x 0,5...2,5 mm ²
Wire preparation lenght (input side)	Ø 4...9 mm ²
Cables cross-section (output side)	2 x 0,5...2,5 mm ²
Wire preparation lenght (output side)	Ø 4...9 mm ²
Connections	0,5-2,5 mm ² screw or fast connectors
Max cables lenght for push-button line	20m, Ø0,5-2,5 mm ²
Nominal life-time	50000h @Ta 40 °C

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Product dimensions



Product weight

A40PBF060D0B	200 gr.
A40PBF075D0B	220 gr.
A40PBF100D0B	220 gr.