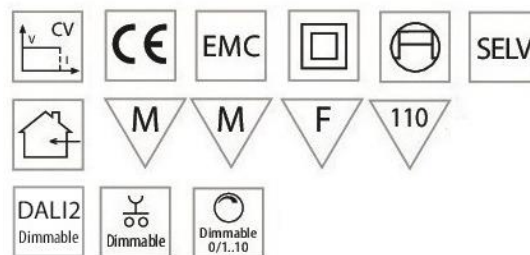


## Dimmable LED drivers – PBXD 48V – DALI/1 – 10V/0 – 10V/PUSH

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



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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 in full-load @230V	Efficiency in full-load @110V	tc °C
A40PBX75D48B	75	50	48	1,56 A	1,04 A	0,98	92%	87%	70
A40PBX10D48B	100	60	48	2,08 A	1,25 A	0,98	92%	88%	75
A40PBX15D48B	150	60	48	3,12 A	1,25 A	0,98	93%	90%	77

### Features

- IP20 independent LED driver (indoor use)
- Supplied with terminal cover and cable retainer
- Class II protection against electric shock for direct or indirect contact
- Possible to synchronize multiple devices
- Double output
- Cable clamp for flat and round cables

### Caratteristiche

- Alimentatore LED indipendente IP20 (uso interno)
- Fornito di coprimorsetto e serracavo
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti
- Possibilità di sincronizzare più dispositivi
- Doppio collegamento di uscita
- Pressacavo per cavi sia piatti che tondi

### 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  
EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015; EN 61347-1:2015 + A1:2021  
EN IEC 62384:2020  
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

### Standards compliance:

### Conformità alle norme:



## Dimmable LED drivers – PBXD 48V – DALI/1 – 10V/0 – 10V/PUSH

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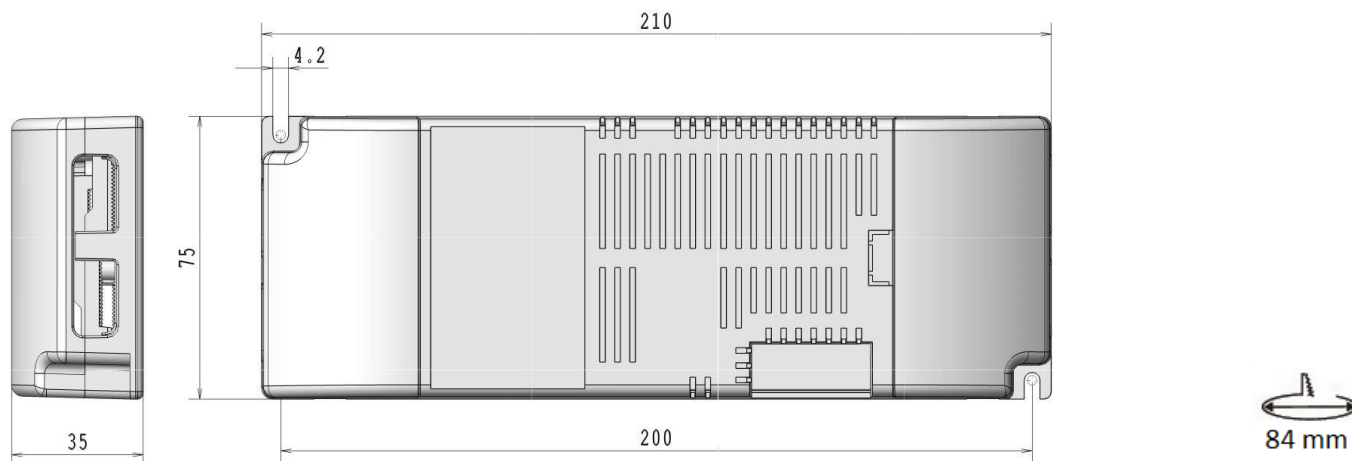
Other electrical data	
Nominal input voltage AC	110-240 V
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
iTHD	5%
Inrush current	11 A, 320 $\mu$ s
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	48 V $\pm$ 5%
Output PWM frequency	1 kHz
Minimum output load	10 W
Output voltage ripple (100 Hz)	< 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
Storage temperature range	-15...+50 °C
Capabilities	
Dimmable	YES
Dimming interface	DALI-2 / 1-10V / 0-10V / PUSH-BUTTON / 47K POTENTIOMETER
Input selector	Dip-switch
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm <sup>2</sup> , 13-20 AWG
Wire preparation lenght (input side)	4...7 mm
Cables cross-section (output side)	0,5-2,5 mm <sup>2</sup> , 13-20 AWG
Wire preparation lenght (output side)	4...7 mm
Connections	0,5-2,5 mm <sup>2</sup> fast connectors
Max cables lenght for push-button line	20m, $\varnothing$ 0,5-2,5 mm <sup>2</sup>
Nominal life-time	50000h @Ta 40 °C

## Dimmable LED drivers – PBXD 48V – DALI/1 – 10V/0 – 10V/PUSH

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

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### Product dimensions



### Color & materials

Casing material:	Polycarbonate V0
Color	White

### Product weight

A40PBX75D48B	335 gr.
A40PBX100D0B	340 gr.
A40PBX150D0B	360 gr.