

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 Full load	Efficiency @110V Full load	ta °C	tc °C
A40PBX10048B	100	60	48	2,08 A	1,25 A	0,99	94%	91%	-10...+40	75
A40PBX15048B	150	60	48	3,13 A	1,25 A	0,99	94%	91%	-10...+40	75
A40PBX20048B	200	90	48	4,17 A	1,87 A	0,99	94%	91%	-10...+40	80

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 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

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
In addition, only on model A40PBOX1024B: EN 62384:2006; EN 62384:2006 + A1:2009
EN 55015:2019 + A11:2020; EN 61000-3-3:2013; EN 61547:2009;
EN IEC 61000-3-2:2019 + A1:2021
EN 63000:2018;
EN IEC 62442-3:2022



LED drivers – PBX 48V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Made in Italy 

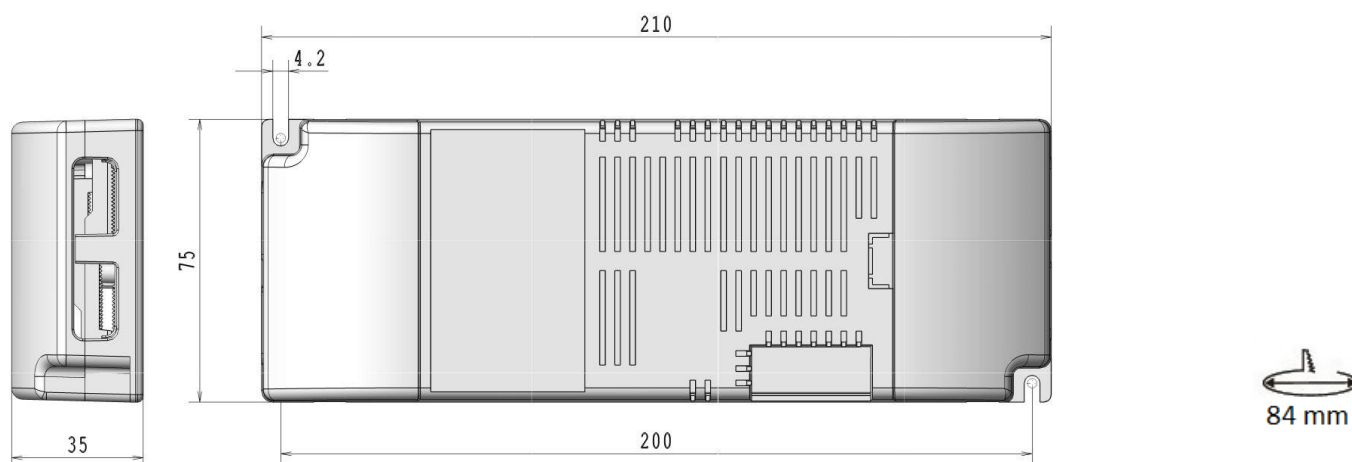
Other electrical data	
Nominal input voltage AC	110 - 240 Vac
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
iTHD	2,7%
Inrush current	20 A, 95 μ s
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	48 V \pm 5%
Minimum output load	10 W
Output voltage ripple (100 Hz)	< 5%
Standby power (Psb)	\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	NO
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 fast connectors
Max cables lenght for push-button line	20m, \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

A40PBX10048D	340 gr.
A40PBX15048B	360 gr.
A40PBX20048B	360 gr.