

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
A40PDCVD000B	13	10	24	0,58 A	0,41 A	0,6	75%	72%	70
A40PDCVD120B	13	10	12	1,08 A	0,83 A	0,5	75%	72%	70
A40PDCV1000B	13	10	24	0,58 A	0,41 A	0,6	75%	72%	70

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

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

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 61347-1:2015 + A1:2021
 EN 55015:2019 + A11:2020; EN 61000-3-3:2013 + A1:2019; EN 61457:2009;
 EN IEC 61000-3-2:2019 + A1:2021
 EN IEC 63000:2018
 EN IEC 62442-3:2022
 Only for A40PDCVD000B, A40PDCVD120B: IEC 62386-102:2014 + A1:2018;
 EN IEC 62386-207:2018



Dimmable LED drivers – PDCV Dimmable 24V DALI/1 – 10V/Push-button

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

Made in Italy 

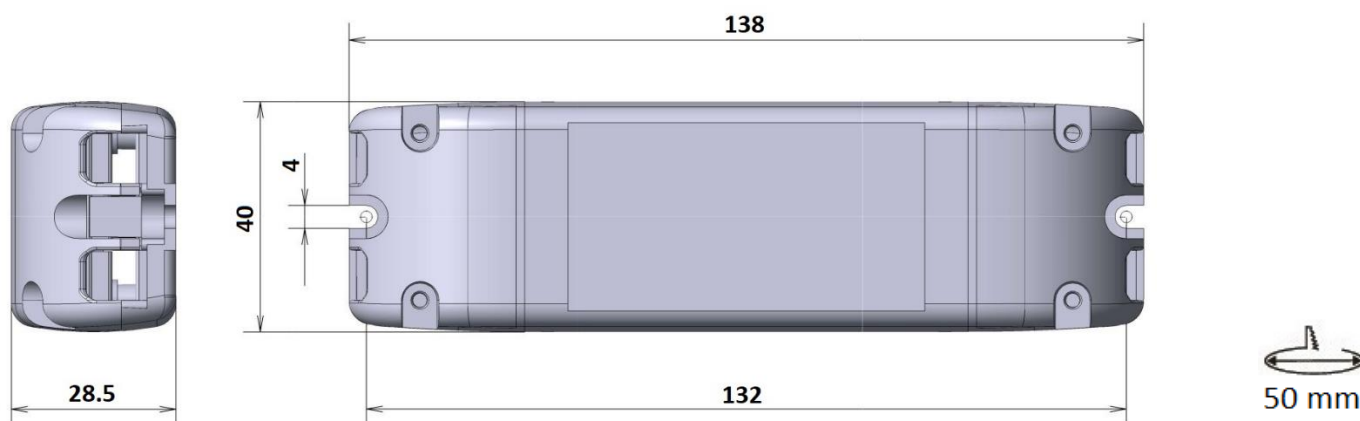
Other electrical data	
Nominal input voltage AC	110-240 V
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
Inrush current	14 A, 130 μ s
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V \pm 5% / 12 V \pm 5% (A40PDCVD120B)
Output PWM frequency	1 kHz
Minimum output load	5 W
Output voltage 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 $^{\circ}$ C
Storage temperature range	-15...+50 $^{\circ}$ C
Capabilities	
Dimmable	YES
Dimming interface	A40PDCVD000B and A40PDCVD120B: DALI / PUSH-BUTTON A40PDCV1000B: 1-10V
Input selector	Automatic DALI/PUSH-BUTTON/1-10V selection
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	20m, \varnothing 0,5-2,5 mm ²
Nominal life-time	50000h @Ta 40 $^{\circ}$ C

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Product dimensions



Color & materials

Casing material:	Polycarbonate V0
Color	White/Blue

Product weight

A40PDCVD000B	100 gr.
A40PDCVD120B	100 gr.
A40PDCV1000B	100 gr.