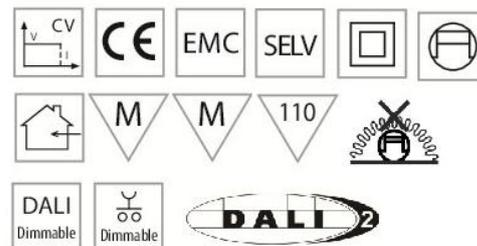


## LED drivers – PLVD – Dimmable DALI/PUSH - IP65

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

Made in Italy 



| Part number<br>Codice prodotto | P out W<br>@230V | V out DC<br>+ 5% | I out DC max<br>@230V | $\lambda$ Power<br>Factor | Efficiency @230V<br>Full load |
|--------------------------------|------------------|------------------|-----------------------|---------------------------|-------------------------------|
| A40PLV300D0B                   | 300              | 24               | 12,5 A                | 0,98                      | 92%                           |

### Features

- IP65 independent driver
- Double or reinforced insulation
- Self-resetting protection against overtemperatures, open circuit and output short circuits
- Supplied with double insulation cable on primary side

### Caratteristiche

- Alimentatore indipendente IP65
- Isolamento doppio o rinforzato
- Protezione auto ripristinante contro le sovratemperature, il circuito aperto e il corto-circuito sul secondario
- Fornito con cavo doppio isolamento sul lato primario

### 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 + A11:2020; EN 61000-3-3:2013 + A1:2019; EN 61457:2009;  
EN IEC 61000-3-2:2019 + A1:2021 + A1:2024  
EN 63000:2018;  
EN IEC 62442-3:2022  
IEC 62386-102:2014 + A1:2018; EN IEC 62386-207:2018



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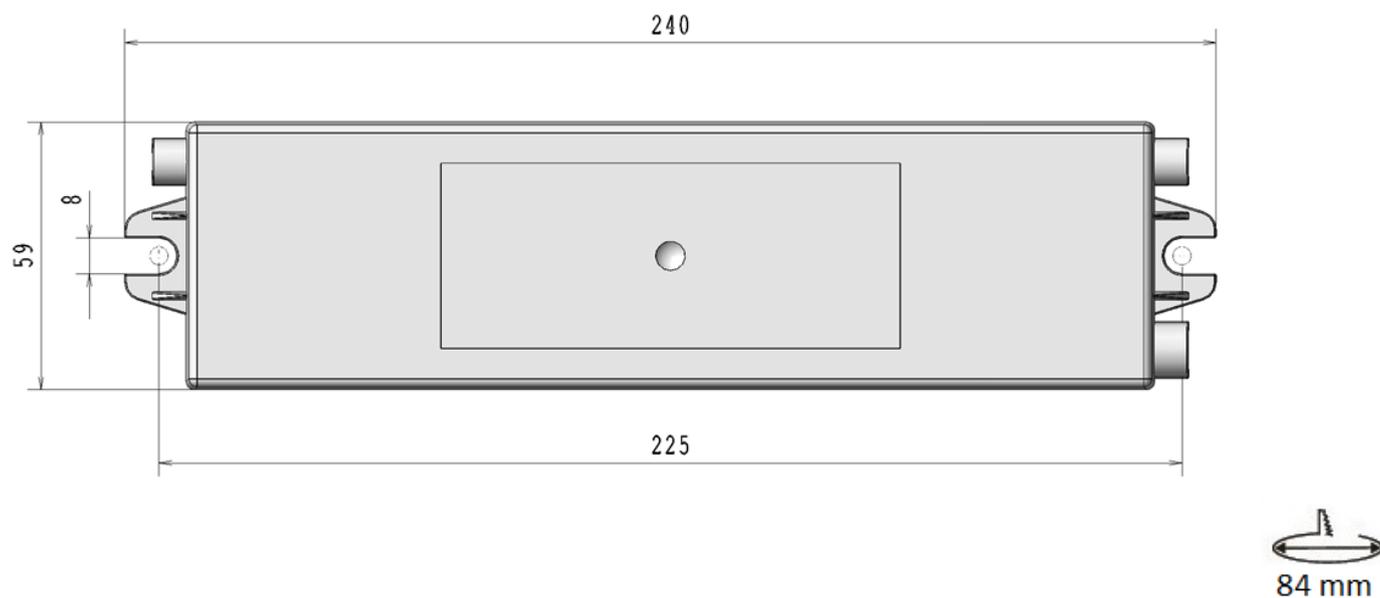
| Other electrical data                   |  |
|---|--|
| Nominal input voltage AC                | 110-240 V  |
| Mains frequency                         | 50/60 Hz   |
| iTHD                                    | 2,4%   |
| Inrush current                          | 40 A, 106 $\mu$ s  |
| Surge capability (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   |
| 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)       | 2 x 0,75 mm <sup>2</sup> white, double insulation, 20 cm.  |
| Cables cross-section (output side)      | 2 x 0,5 mm <sup>2</sup> black and red PVC, 20 cm<br>2 x 1,5 mm <sup>2</sup> black and red PVC, 20 cm |
|   |  |
| DALI cables                             | 2 x 0,75 mm <sup>2</sup> white, double insulation, 20 cm.  |
|   |  |
|   |  |
|   |  |
| Nominal life-time                       | 50000h @Ta 40 °C   |
|   |  |

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### Product dimensions



### Product weight

|              |         |
|--------------|---------|
| A40PLV300D0B | 885 gr. |
|--------------|---------|