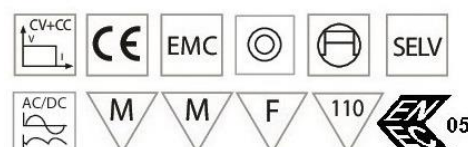


## LED drivers – PRL Low Profile

Constant current and voltage LED driver / Alimentatore per LED a corrente e tensione costante

Made in Italy 



| Part number<br>Codice prodotto | P out W<br>@230V | V out LED<br>@230V |     | U out DC<br>(V max) | I out DC<br>(mA) | $\lambda$<br>Power<br>Factor | Efficiency<br>@230V | ta<br>°C     | tc<br>°C | Mark |
|--------------------------------|------------------|--------------------|-----|---------------------|------------------|------------------------------|---------------------|--------------|----------|------|
|                                |                  | Min                | Max |                     |                  |                              |                     |              |          |      |
| A40PRL18500B                   | 8                | 2,75               | 43  | 45                  | 185mA            | 0,6                          | 78%                 | -10°...+40°C | 85       |      |
| A40PRL30000B                   | 13               | 2,75               | 43  | 45                  | 300mA            | 0,6                          | 80%                 | -10°...+40°C | 85       |      |
| A40PRL11200B                   | 14               | 2,75               | 40  | 45                  | 350mA            | 0,5                          | 82%                 | -10°...+50°C | 75       | ENEC |
| A40PRL30600B                   | 14               | 2,75               | 21* | 24                  | 700mA            | 0,5                          | 79%                 | -10°...+50°C | 85       | ENEC |
| A40PRL12000B                   | 14,4             | -                  | -   | 12                  | 1200mA           | 0,6                          | 79%                 | -10°...+40°C | 80       |      |
| *in CC mode                    |                  |                    |     |                     |                  |                              |                     |              |          |      |

| Part number<br>Codice prodotto | P out W<br>@110V | V out LED<br>@110V |     | U out DC<br>(V max) | I out DC<br>(mA) | $\lambda$<br>Power<br>Factor | Efficiency<br>@110V | ta<br>°C     | tc<br>°C | Mark |
|--------------------------------|------------------|--------------------|-----|---------------------|------------------|------------------------------|---------------------|--------------|----------|------|
|                                |                  | Min                | Max |                     |                  |                              |                     |              |          |      |
| A40PRL18500B                   | 8                | 2,75               | 43  | 45                  | 185mA            | 0,5                          | 76%                 | -10°...+40°C | 85       |      |
| A40PRL30000B                   | 10               | 2,75               | 33  | 45                  | 300mA            | 0,5                          | 78%                 | -10°...+40°C | 85       |      |
| A40PRL11200B                   | 11               | 2,75               | 31  | 45                  | 350mA            | 0,5                          | 80%                 | -10°...+40°C | 75       | ENEC |
| A40PRL30600B                   | 10               | 2,75               | 14* | 24                  | 700mA            | 0,5                          | 77%                 | -10°...+50°C | 75       | ENEC |
| A40PRL12000B                   | 10               | -                  | -   | 12                  | 1200mA           | 0,5                          | 77%                 | -10°...+45°C | 80       |      |
| *in CC mode                    |                  |                    |     |                     |                  |                              |                     |              |          |      |

### Features

- IP65 built-in 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 da incorporare 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

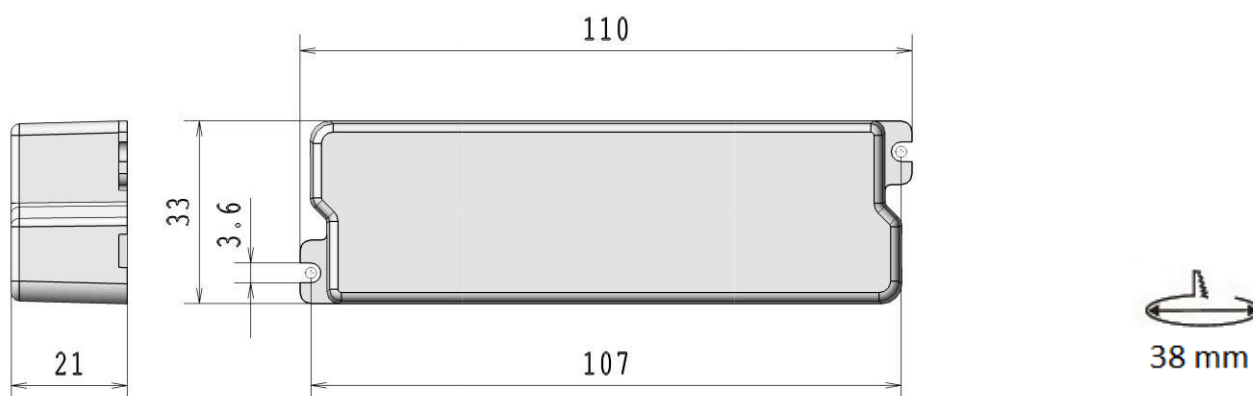
## LED drivers – PRL Low Profile

Constant current and voltage LED driver / Alimentatore per LED a corrente e tensione costante

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| Other technical data / Altri dati tecnici     |                                                                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage / Tensione nominale:            | 110 - 240 Vac                                                                                                                                                                   |
| Frequency / Frequenza:                        | 50/60 Hz                                                                                                                                                                        |
| No-load power / Consumo a vuoto:              | A40PRL18500B, A40PRL30000B:<br>Models not suitable for no-load mode<br>Modelli non idonei per il funzionamento a vuoto<br><br>A40PRL11200B, A40PRL30600B, A40PRL12000B: ≤ 0,5 W |
| Dimmable / Dimmerabile:                       | NO                                                                                                                                                                              |
| Nominal life-time / Durata di vita nominale:  | 50000h @Ta 40 °C                                                                                                                                                                |
| Primary side cables / Cavi lato primario      | 2 x 0,75 mm <sup>2</sup> , double insulation                                                                                                                                    |
| Secondary side cables / Cavo lato secondario: | 2 x 0,35 mm <sup>2</sup> FEP                                                                                                                                                    |

## Dimensions / Dimensioni



## Weight / piece – Peso / pezzo

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| A40PRL18500B / A40PRL30000B / A40PRL11200B / A40PRL30600B / A40PRL12000B | 130 gr. |
|--------------------------------------------------------------------------|---------|



## LED drivers – PRL Low Profile

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Constant current and voltage LED driver / Alimentatore per LED a corrente e tensione costante

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**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:** EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015  
**Conformità alle norme:** 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