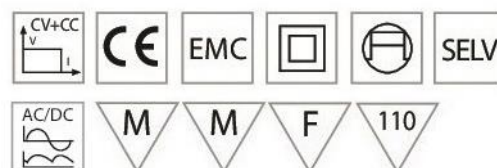


## LED drivers – FLAT

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

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| Part number<br>Codice prodotto | P out W<br>@230V | V out LED @230V<br>Min Max |     | U out DC<br>(V max) | I out DC<br>(mA) | λ Power<br>Factor | Efficiency<br>@230V | ta<br>°C     |
|--------------------------------|------------------|----------------------------|-----|---------------------|------------------|-------------------|---------------------|--------------|
| A40FLAT112WB                   | 14               | 2,75                       | 40  | 45                  | 350mA            | 0,85              | 83%                 | -10°...+40°C |
| A40FLAT306WB                   | 14               | 2,75                       | 21* | 24                  | 700mA            | 0,85              | 80%                 | -10°...+40°C |
| A40FLAT1200B                   | 14               | -                          | -   | 12                  | 1200mA max       | 0,85              | 82%                 | -10°...+40°C |
| A40FLAT3000B                   | 30               | -                          | -   | 24                  | 1250mA max       | 0,85              | 85%                 | -10°...+40°C |
| *in CC mode                    |                  |                            |     |                     |                  |                   |                     |              |

| Part number<br>Codice prodotto | P out W<br>@110V | V out LED @110V<br>Min Max |     | U out DC<br>(V max) | I out DC<br>(mA) | λ Power<br>Factor | Efficiency<br>@110V | ta<br>°C     |
|--------------------------------|------------------|----------------------------|-----|---------------------|------------------|-------------------|---------------------|--------------|
| A40FLAT112WB                   | 11               | 2,75                       | 31  | 45                  | 350mA            | 0,85              | 81%                 | -10°...+40°C |
| A40FLAT306WB                   | 10               | 2,75                       | 14* | 24                  | 700mA            | 0,85              | 78%                 | -10°...+40°C |
| A40FLAT1200B                   | 11               | -                          | -   | 12                  | 1200mA max       | 0,85              | 80%                 | -10°...+40°C |
| A40FLAT3000B                   | 15               | -                          | -   | 24                  | 1250mA max       | 0,85              | 83%                 | -10°...+40°C |
| *in CC mode                    |                  |                            |     |                     |                  |                   |                     |              |

### Features

- IP20 independent driver
- 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
- 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

## LED drivers – FLAT

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

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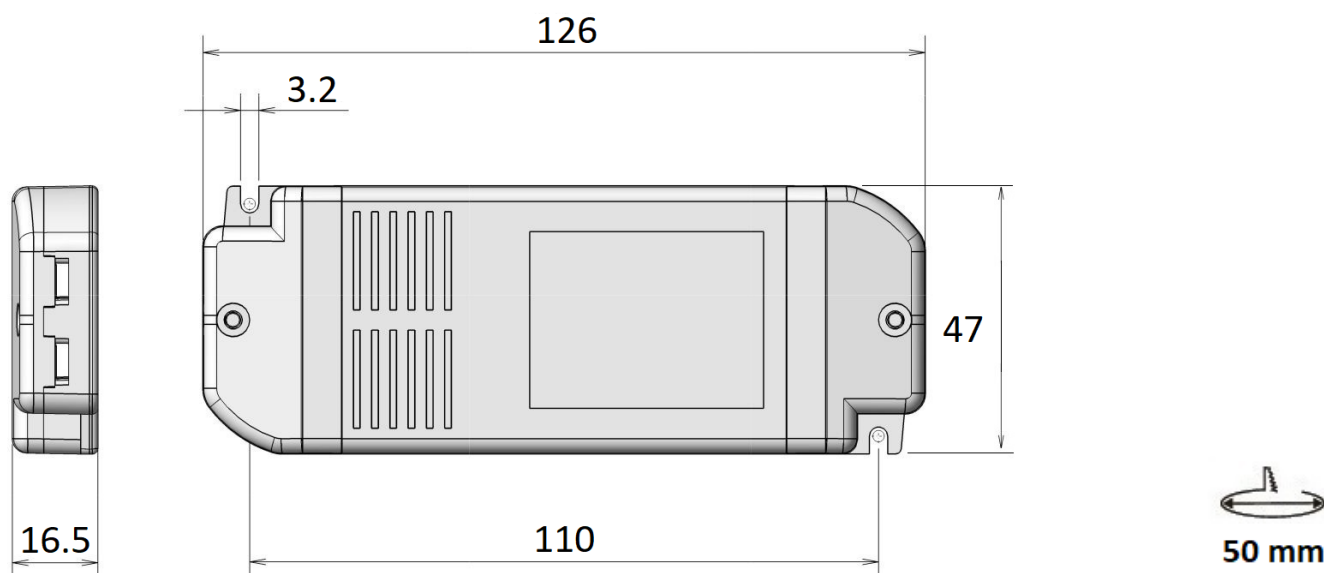
| Other electrical data                   |                                                     |
|-----------------------------------------|-----------------------------------------------------|
| Nominal input voltage AC                | 220 - 240 Vac                                       |
| Input voltage DC                        | N.A.                                                |
| Mains frequency                         | 50/60 Hz                                            |
| Surge capability (L-N)                  | > 1 kV                                              |
| Nominal output voltage DC               | See the table in page 1                             |
| Output voltage ripple (100 Hz)          | < 5%                                                |
| Standby power (Psb)                     | ≤ 0,5 W                                             |
| Networked standby power (Pnet)          | ≤ 0,5 W                                             |
| No-load proof                           | YES                                                 |
| Intended for no-load operation          | YES                                                 |
| Output PstLM (Flicker value)            | ≤ 1                                                 |
| Output SVM (Stroboscopic effects value) | ≤ 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 <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> screw or fast connectors    |
| Max cables lenght for push-button line  | 20m, Ø0,5-2,5 mm <sup>2</sup>                       |
| Cables cross-section (input side)       | 0,5-2,5 mm <sup>2</sup> , 13-20 AWG                 |
| Wire preparation lenght (input side)    | 4...7 mm                                            |
| Nominal life-time                       | 50000h @Ta 40 °C                                    |

## LED drivers – FLAT

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

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### Product dimensions



### Product weight

|              |        |
|--------------|--------|
| A40FLATxxxxB | 70 gr. |
|--------------|--------|

### Directives

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  
 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