

Direct current electronic drivers with DIP-SWITCH  
Alimentatori elettronici in corrente continua con DIP-SWITCH

Made in Europe



2.1

 Multipower LED drivers  
Alimentatori LED multipotenza


MP 32 K2



MP 32 BI

**Rated Voltage****Tensione Nominale**110 ÷ 127 V<sup>(2)(4)</sup>

220 ÷ 240 V

**Frequency****Frequenza**

50...60 Hz

**AC Operation range****Tensione di utilizzo AC**

100 ÷ 264 V

**DC Operation range****Tensione di utilizzo DC**

170 ÷ 280 V

**Power****Potenza**

0 ÷ 33 W

**Maximum current****output ripple****Max. ondulazione****della corrente uscita**≤ 3%<sup>(1)</sup>**Reference Norms****Norme di riferimento:**CSA C22.2 no. 223<sup>(4)</sup>

EN 50172 (VDE 0108)

EN 55015

EN 61000-3-2

EN 61000-3-3

EN 61347-1

EN 61347-2-13

EN 61547

EN 62384

UL 1310<sup>(3)</sup>

VDE 0710-T14

| Article<br>Articolo                     | Code<br>Codice          | P out<br>W                                            | V out<br>DC                  | I out<br>DC  | n° LED<br>max. <sup>(1)</sup> | V out<br>max. | ta<br>°C  | tc<br>°C | λ max.<br>Power<br>Factor | η max.<br>Efficiency <sup>(1)</sup> |   |
|-----------------------------------------|-------------------------|-------------------------------------------------------|------------------------------|--------------|-------------------------------|---------------|-----------|----------|---------------------------|-------------------------------------|---|
| MP 32 K2<br><br>MP 32 BI <sup>(3)</sup> | 122200                  | Constant current output - Uscita in corrente costante |                              |              |                               |               | -25...+50 | 75       | 0,98                      | > 88                                |   |
|                                         | 122454                  | 15 (15 <sup>(2)</sup> )                               | 47 max.                      | 350 mA cost. | 12                            | 55            |           |          |                           |                                     |   |
|                                         |                         | 24 (15 <sup>(2)</sup> )                               | 47 max.                      | 500 mA cost. | 12                            |               |           |          |                           |                                     |   |
|                                         |                         | 25 (15 <sup>(2)</sup> )                               | 47 max.                      | 550 mA cost. | 12                            |               |           |          |                           |                                     |   |
|                                         |                         | 32 (15 <sup>(2)</sup> )                               | 46 max.                      | 700 mA cost. | 12                            |               |           |          |                           |                                     |   |
|                                         |                         | 20 (33 <sup>(3)</sup> ) (15 <sup>(2)</sup> )          | 24 (39 <sup>(3)</sup> ) max. | 850 mA cost. | 6/7 (8/9 <sup>(3)</sup> )     |               |           |          |                           |                                     |   |
|                                         |                         | 20 (33 <sup>(3)</sup> ) (15 <sup>(2)</sup> )          | 22 (37 <sup>(3)</sup> ) max. | 900 mA cost. | 6/7 (8/9 <sup>(3)</sup> )     |               |           |          |                           |                                     |   |
|                                         |                         | Constant voltage output - Uscita in tensione costante |                              |              |                               |               |           |          |                           |                                     |   |
|                                         |                         | 10 (10 <sup>(2)</sup> )                               | 10 cost.                     | 1,05 mA max. | -                             |               |           |          |                           |                                     | - |
|                                         | 13 (13 <sup>(2)</sup> ) | 12 cost.                                              | 1,05 mA max.                 | -            | -                             |               |           |          |                           |                                     |   |
|                                         | 20 (15 <sup>(2)</sup> ) | 24 cost.                                              | 1,05 mA max.                 | -            | -                             |               |           |          |                           |                                     |   |

<sup>(1)</sup> Referred to V<sub>m</sub> = 230 V, 100% load - Riferito a V<sub>m</sub> = 230 V, carico 100%<sup>(3)</sup> Only for MP 32 K2**Features**

- Multipower driver supplied with dip-switch for the selection of the output current.
- IP20 independent driver, for indoor use (MP 32 K2).
- Class II protection against electric shock for direct or indirect contact (MP 32 K2).
- Driver for built-in use (MP 32 BI).
- It can be used for lighting equipment in protection class I and II (MP 32 BI).
- Active Power Factor Corrector.
- Current regulation ±5 % including temperature variations.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on the same side (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm (MP 32 K2).
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

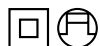
**Caratteristiche**

- Alimentatore multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- Alimentatore indipendente IP20, per uso interno (MP 32 K2).
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti (MP 32 K2).
- Alimentatore da incorporare (MP 32 BI).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II (MP 32 BI).
- PFC attivo.
- Corrente regolata ±5 % incluse variazioni di temperatura.
- Fornito di coprimorsetto e serracavo.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm (MP 32 K2).
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.



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**IP 20**

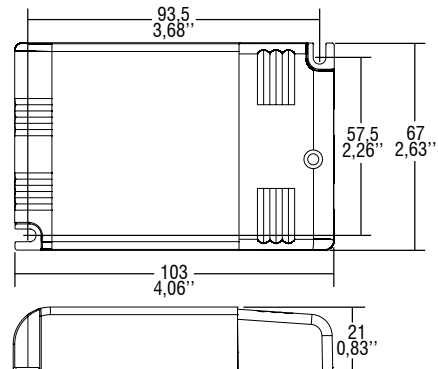


Ø72  
2,83"



Weight - Peso gr. 120 / 4,20 oz.  
Pcs - Pezzi 50

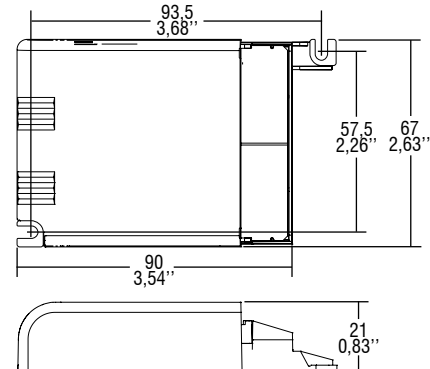
Compatible with ZHAGA (AS1)



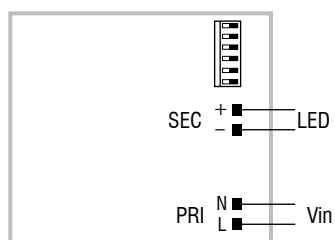
**BUILT-IN**  
**SCREW**  
**FIXING**

Weight - Peso gr. 100 / 3,50 oz.  
Pcs - Pezzi 50

Compatible with ZHAGA (AS1)



**Wiring diagram - Schema di collegamento** (Max. LED distance on page info8 - Massima distanza LED a pagina info8)



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