

# MP 120/700 SLIM

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

Made in Italy

constant  
**CURRENT**

**RIPPLE FREE**

Pst LM  $\leq 1$   
SVM  $\leq 0,4$



2.2

Multipower drivers - Linear case - Not dimmable  
Alimentatori multipotenza - Formato lineare - Non regolabili



**Rated Voltage**  
Tensione Nominale  
220 ÷ 240 V

**Frequency**  
Frequenza  
50-60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
198 ÷ 276 V

**DC Operation range**  
Tensione di utilizzo DC  
(see page info15)  
DC 176 ÷ 280 V

**Power - Potenza**  
20 ÷ 120 W

**iTHD**  
 $\leq 10\%$  <sup>(1)</sup>

**Output current ripple**  
 $\leq 3\%$  <sup>(1)</sup>

**Standards compliance**

EN 55015  
EN 60598-2-22  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
EN 62384

**Max. pcs for CB B16A**  
(see page info17)  
30 pcs

**In rush current**  
45A 100µsec

| Article<br>Articolo | Code<br>Codice        | P out<br>W   | V out<br>DC | I out<br>DC  | U out<br>V | ta<br>°C  | tc<br>°C | $\lambda$ max.<br>Power<br>Factor | $\eta$ max.<br>Efficiency <sup>(1)</sup> |
|---------------------|-----------------------|--------------|-------------|--------------|------------|-----------|----------|-----------------------------------|--|
| MP 120/700 SLIM     | 127676<br>(ex 127674) | 79           | 60...243    | 325 mA cost. | 250        | -25...+60 | 90       | 0,95 <sup>(2)</sup>               | > 94 %                                   |
|                     |                       | 85           | 60...243    | 350 mA cost. |            |           |          |                                   |  |
|                     |                       | 91           | 60...243    | 375 mA cost. |            |           |          |                                   |  |
|                     |                       | 97           | 60...243    | 400 mA cost. |            |           |          |                                   |  |
|                     |                       | 103          | 60...243    | 425 mA cost. |            |           |          |                                   |  |
|                     |                       | 109          | 60...243    | 450 mA cost. |            |           |          |                                   |  |
|                     |                       | 115          | 60...243    | 475 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...242    | 500 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...229    | 525 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...219    | 550 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...209    | 575 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...200    | 600 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...192    | 625 mA cost. |            |           |          |                                   |  |
|                     |                       | 120          | 60...185    | 650 mA cost. |            |           |          |                                   |  |
| 120                 | 60...178              | 675 mA cost. |             |              |            |           |          |                                   |  |
|                     |                       | 120          | 60...172    | 700 mA cost. |            | -25...+55 |          |                                   |  |

<sup>(1)</sup> Referred to  $V_{in} = 230$  V, 100% load - Riferito a  $V_{in} = 230$  V, carico 100%

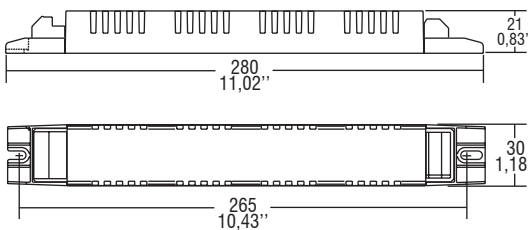
<sup>(2)</sup> Pout > 43 W

**Light output level in DC operation: Factory default 100% EOfi=1**

**Livello di emissione luminosa in funzionamento DC: Impostazioni di fabbrica 100% EOfi=1**

**BUILT-IN SCREW FIXING** Weight - Peso: gr. 140 / 4,9 oz.  
Pcs - Pezzi 72

Compatible with ZHAGA (BL2/ZS5 H5D/ ZS5 H7D)



**Wiring diagram - Schema di collegamento**

(Max. LED distance on page info8 - Massima distanza LED a pagina info8)



## Features

- Driver for built-in use.
- Multipower driver supplied with dip-switch for the selection of the output current.
- Active Power Factor Corrector.
- Current regulation  $\pm 6/7\%$  including temperature variations.
- It can be used for lighting equipment in protection class I.
- Output is not isolated from the input.
- Input and output terminal blocks on opposite sides (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Driver can be secured with slot for screws.
- Protections:
  - short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

## Caratteristiche

- Alimentatore da incorporare.
- Alimentatore multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- PFC attivo.
- Corrente regolata  $\pm 6/7\%$  incluse variazioni di temperatura.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I.
- Uscita non isolata dall'ingresso.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - al cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.

**7 YEARS WARRANTY**  
3% FAILURE RATE

**10 YEARS WARRANTY**  
5% FAILURE RATE

PRODUCER'S LIABILITY  
TCI

WARRANTY TO THIRD PARTIES  
10 YEARS  
ACCORDING TO THE EXTRAORDINARY CONVENTIONS