

# MAXI JOLLY US PLV



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

Made in Italy



| Accessories not supplied - Accessori non a corredo   |                |               |
|--|----------------|---------------|
| Article - Articolo                                   | L (length)     | Code - Codice |
| Synchronization cable<br>Cavetto di sincronizzazione | 1,5 m / 4 ft   | 485720512     |
|  | 4 m / 13 ft    | 485720513     |
|  | 50 cm / 19,68" | 485720515     |
|  | 20 cm / 7,87"  | 485720516     |

3.1.8

Dimmable multipower drivers - Compact case - PLV  
Alimentatori multipotenza regolabili - Formato compatto - PLV

**Rated Voltage**  
**Tensione Nominale**  
110 ÷ 127 V <sup>(2)</sup>  
220 ÷ 240 V

**Frequency**  
**Frequenza**  
50-60 Hz

**AC Operation range**  
**Tensione di utilizzo AC**  
99 ÷ 264 V

**DC Operation range**  
**Tensione di utilizzo DC**  
(see page info15)  
DC 170 ÷ 280 V

**Power - Potenza**  
1 ÷ 60 W

**ITHD**  
≤ 10% <sup>(1)</sup>

**Stand by power**  
≤ 0,5 W

**Output current ripple**  
≤ 3% <sup>(1)</sup>

**Standards compliance**

- CSA-C22.2 n° 107.1 <sup>(2)</sup>
- CSA-C22.2 n° 250.13 <sup>(2)</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 1012 <sup>(2)</sup>
- UL 8750 <sup>(2)</sup>

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

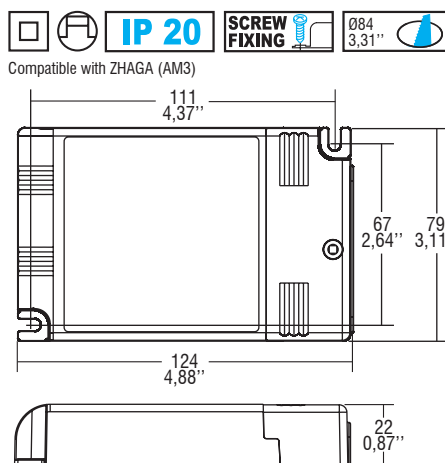
**In rush current**  
10A 200µsec



| Article<br>Articolo     | Code<br>Codice | P out<br>W              | V out<br>DC <sup>(1)</sup> | I out<br>DC  | U out<br>V | ta<br>°C  | tc<br>°C | λ max.<br>Power<br>Factor | η max.<br>Efficiency <sup>(1)</sup> |
|-------------------------|----------------|-------------------------|----------------------------|--------------|------------|-----------|----------|---------------------------|-------------------------------------|
| DC MAXI JOLLY US PLV    | 123419         | 25 (25 <sup>(2)</sup> ) | 2...74                     | 350 mA cost. | 90         | -25...+50 | 90       | 0,95                      | > 92                                |
|                         |                | 35 (35 <sup>(2)</sup> ) | 2...72                     | 500 mA cost. |            |           |          |                           |                                     |
|                         |                | 39 (39 <sup>(2)</sup> ) | 2...72                     | 550 mA cost. |            |           |          |                           |                                     |
|                         |                | 46 (40 <sup>(2)</sup> ) | 2...72                     | 650 mA cost. |            |           |          |                           |                                     |
|                         |                | 50 (40 <sup>(2)</sup> ) | 2...72                     | 700 mA cost. |            |           |          |                           |                                     |
|                         |                | 54 (40 <sup>(2)</sup> ) | 2...72                     | 750 mA cost. |            |           |          |                           |                                     |
|                         |                | 60 (40 <sup>(2)</sup> ) | 2...70                     | 850 mA cost. |            |           |          |                           |                                     |
|                         |                | 60 (40 <sup>(2)</sup> ) | 2...66                     | 900 mA cost. |            |           |          |                           |                                     |
|                         |                | 60 (40 <sup>(2)</sup> ) | 2...60                     | 1,00 A cost. |            |           |          |                           |                                     |
| 60 (40 <sup>(2)</sup> ) | 2...57         | 1,05 A cost.            |                            |              |            |           |          |                           |                                     |

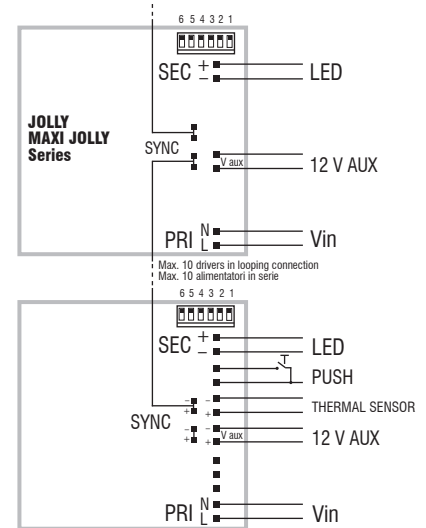
<sup>(1)</sup> Referred to V<sub>in</sub> = 230 V, 100% load - Riferito a V<sub>in</sub> = 230 V, carico 100%

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



Weight - Peso:  
gr. 204 / 7,2 oz.  
Pcs - Pezzi 50

Compatible with ZHAGA (AM3)



## Features

- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Active Power Factor Corrector.
- Analogical input for thermal sensor connection.
- Auxiliary output 12 V max. 100 mA.
- Current regulation ± 5 % including temperature variations.
- Input and output terminal blocks on the same side (wire cross-section up to 2,5 mm<sup>2</sup> / AWG13).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.

## Caratteristiche

- Alimentatore indipendente IP20, per uso interno.
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- PFC attivo.
- Entrata analogica per connessione sensore termico.
- Uscita ausiliare 12 V max. 100 mA.
- Corrente regolata ± 5 % incluse variazioni di temperatura.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 2,5 mm<sup>2</sup> / AWG13).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.