

Direct current electronic drivers  
Alimentatori elettronici in corrente continua

Made in Italy 

constant CURRENT constant VOLTAGE

IS 15885  
(Part 2 / Sec 13)  
R - 41049751

DAMP LOCATION

CE US

05

KEMA EUR

PS JET

CCC

100 M M

EL

SELV 60V

RIPPLE FREE



1-2kV DIFF. 2kV COMM. SAFETY PROTECTIONS

**Rated Voltage**  
Tensione Nominale  
100 ÷ 127 V<sup>(3)</sup>  
100 ÷ 240 V

**Frequency**  
Frequenza  
50-60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
90 ÷ 264 V

**DC Operation range**  
Tensione di utilizzo DC  
(see page info15)  
176 ÷ 264 V

**Power - Potenza**  
0 ÷ 8 W

**iTHD**  
≥ 90%<sup>(1)</sup>

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

**Standards compliance**

- CSA C22.2 no. 223<sup>(3)</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>
- UL 8750<sup>(3)</sup>
- VDE 0710-T14

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

**In rush current**  
20A 170µsec

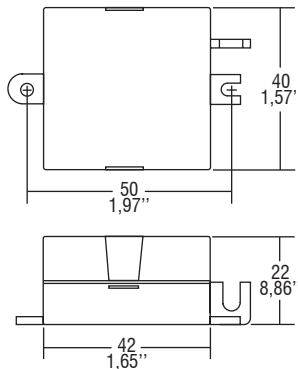
Article Articolo	Code Codice	P out W	V out DC <sup>(1)</sup>	I out DC	U out V	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
DC 3W 125mA STM/U	122814	3	2...23	125 mA cost.	24	-25...+60	75	0,6 C	70
DC 6W 150mA STM/U <sup>(3)</sup>	122799	6	2...40	150 mA cost.	44	-25...+55	75	0,6 C	70
DC 6W 250mA STM/U <sup>(3)(4)(5)</sup>	122812	6	2...23	250 mA cost.	25	-25...+60	80	0,6 C	73
DC 8W 350mA STM/U <sup>(3)(4)(5)</sup>	122811	6/8 <sup>(2)</sup>	2...23	350 mA cost.	25	-25...+55 <sup>(2)</sup> /60	80	0,6 C	77
DC 6W 500mA STM/U <sup>(3)(5)</sup>	122813	6	2...11,5	500 mA cost.	13	-25...+55	75	0,6 C	73
DC 6W 700mA STM/U <sup>(3)(5)</sup>	122815	6	2...8,5	700 mA cost.	13	-25...+50	70	0,6 C	73

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

<sup>(6)</sup> 122814BIS - 122799BIS - 122812BIS - 122811BIS - 122813BIS - 122815BIS:  
order codes for BIS marked products - codici di ordine per i prodotti marchiati BIS

BUILT-IN SCREW FIXING

Weight - Peso: gr. 35 / 1,23 oz.  
Pcs - Pezzi 90

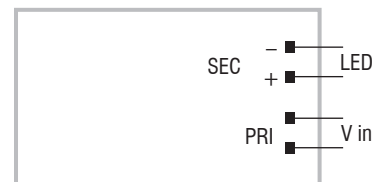


**Features**

- Driver for built-in use.
- Input and output terminal blocks on the same side.
- Single terminal at the primary and secondary circuit (wire cross-section up to 2,5 mm<sup>2</sup> / AWG13).
- Ultra compact size.
- It can be used for lighting equipment in protection class I and II.
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Current regulation -8 % + 5 % including temperature variations.

**Wiring diagram - Schema di collegamento**

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



**Caratteristiche**

- Alimentatore da incorporare.
- Morsetti di entrata e uscita sullo stesso lato.
- Singolo morsetto su primario e secondario (sezione cavo fino a 2,5 mm<sup>2</sup> / AWG13).
- Dimensioni molto ridotte e compatte.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Corrente regolata -8 % + 5 % incluse variazioni di temperatura.

7 YEARS WARRANTY 3% FAILURE RATE  
10 YEARS WARRANTY 5% FAILURE RATE

PRODUCER'S LIABILITY TCl  
WARRANTY TO THE END USER ACCORDING TO THE CONTRACTUAL CONDITIONS 10 YEARS

1.1  
Single current drivers - Without PFC  
Alimentatori corrente singola - Senza PFC