

# Direct current electronic drivers Alimentatori elettronici in corrente continua

Made in Italy

**Rated Voltage**

Tensione Nominale

100 ÷ 127 V <sup>(2)</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 ÷ 275 V

**Power - Potenza**

1 ÷ 10 W

**iTHD**≥ 40% <sup>(1)</sup>**Output current ripple**≤ 3% <sup>(1)</sup>**Standards compliance**

CSA-C22.2 n° 250.13

EN 55015

EN 61000-3-2

EN 61000-3-3

EN 61347-1

EN 61347-2-13

EN 61547

UL 8750

**Max. pcs for CB B16A**

(see page info17)

50 pcs

**In rush current**

20A 170μsec

| 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> |
|----------------------------------|----------------|----------------------|----------------------------|--------------|------------|------------------------------|----------|-----------------------------|-------------------------------------|
| STM 6W 150mA HPFU <sup>(3)</sup> | 127714         | 6                    | 2...36                     | 150 mA cost. | 39         | -20...+55                    | 80       | 0,88 C                      | > 79 %                              |
| STM 9W 250mA HPFU                | 127719         | 6 <sup>(2)</sup> /9  | 2...36                     | 250 mA cost. | 39         | -20...+55                    | 80       | 0,88 C                      | > 79 %                              |
| STM 8W 350mA HPFU                | 127715         | 6 <sup>(2)</sup> /8  | 2...23                     | 350 mA cost. | 24         | -20...+55 <sup>(2)</sup> /60 | 80       | 0,87 C                      | > 78 %                              |
| STM 10W 350mA HPFU               | 127716         | 6 <sup>(2)</sup> /10 | 2...30                     | 350 mA cost. | 32         | -20...+55                    | 80       | 0,88 C                      | > 79 %                              |
| STM 6W 500mA HPFU                | 127717         | 6                    | 2...12,6                   | 500 mA cost. | 13         | -25...+50 <sup>(2)</sup> /55 | 75       | 0,8 (0,9 <sup>(2)</sup> ) C | > 72 %                              |
| STM 8W 700mA HPFU                | 127718         | 6 <sup>(2)</sup> /8  | 2...12                     | 700 mA cost. | 13         | -20...+45                    | 80       | 0,87 C                      | > 77 %                              |

<sup>(1)</sup> Referred to V<sub>in</sub> = 230 V, 100% load - Riferito a V<sub>in</sub> = 230 V, carico 100%<sup>(3)</sup> UL only

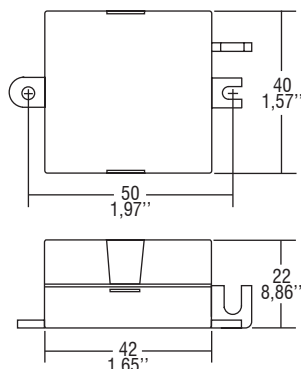
Light output level in DC operation: Factory default 100% EOfi=1

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

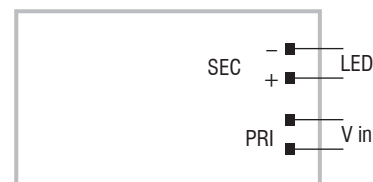


Weight - Peso: gr. 35 / 1,23 oz.

Pcs - Pezzi 90

**Wiring diagram - Schema di collegamento**

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

**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.

**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 arole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Corrente regolata -8 %... +5 % incluse variazioni di temperatura.



The data shown are preliminary and may change - I dati riportati sono preliminari e potrebbero subire variazioni