

**Direct current electronic drivers**  
**Alimentatori elettronici in corrente continua**

Made in Italy

constant  
**CURRENT**

**RIPPLE FREE**

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



1

Single current drivers - Not dimmable  
 Alimentatori corrente singola - Non regolabili



**Rated Voltage**  
**Tensione Nominale**

100<sup>(3)</sup>  
 110 ÷ 127 V<sup>(2)</sup>  
 220 ÷ 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 ÷ 276 V

**Power - Potenza**

0 ÷ 12 W

**iTHD**

$\geq 45\%$ <sup>(1)</sup>

**Output current ripple**

$\leq 3\%$ <sup>(1)</sup>

**Standards compliance**

CSA C22.2 no. 223  
 EN 55015  
 EN 61000-3-2  
 EN 61000-3-3  
 EN 61347-1  
 EN 61347-2-13  
 EN 61547  
 UL 1310  
 UL 8750

**Max. pcs for CB B16A**

(see page info17)  
 27 pcs

**In rush current**

27A 250 $\mu$ sec

Article Articolo	Code Codice	P out W	V out DC <sup>(1)</sup>	I out DC	U out V	ta °C	tc °C	$\lambda$ max. Power Factor	$\eta$ max. Efficiency <sup>(1)</sup>
<b>BMU 12W 350mA HPFU</b>	141070	12 (10 <sup>(2)(3)</sup> )	2...34	350 mA cost.	39	-25...+45 <sup>(2)/50</sup>	80	0,85 C <sup>(4)</sup>	> 80 %
<b>BMU 12W 500mA HPFU</b>	141072	12 (10 <sup>(2)(3)</sup> )	2...24	500 mA cost.	28	-25...+45 <sup>(2)/50</sup>	80	0,85 C <sup>(4)</sup>	> 81 %
<b>BMU 12W 700mA HPFU</b>	141074	12 (10 <sup>(2)(3)</sup> )	2...17	700 mA cost.	22	-25...+45 <sup>(2)/50</sup>	80	0,85 C <sup>(5)</sup>	> 80 %

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

<sup>(3)</sup> Pout 8 W

<sup>(4)</sup>  $\lambda$ : 0,85 C @ 220 ÷ 240 Vac @ Pmax

$\lambda$ : 0,8 C @ 100, 110 ÷ 127 Vac @ P<10W

<sup>(5)</sup>  $\lambda$ : 0,85 C @ 220 ÷ 240, 110 ÷ 127 Vac @ P10÷12

$\lambda$ : 0,75 C @ 100 Vac @ P<8W

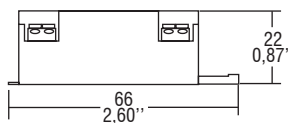
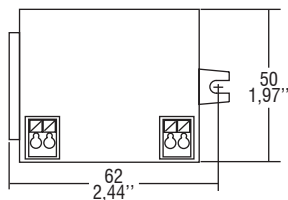
<sup>(6)</sup> 141070BIS - 141072BIS - 141074BIS: order codes for BIS marked products - codici di ordine per i prodotti marchiati BIS

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

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

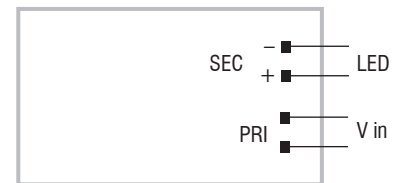
**BUILT-IN** **SCREW FIXING**

Weight - Peso gr. 45 / 1,6 oz.  
 Pcs - Pezzi 70



**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.
- It can be used for lighting equipment in protection class I and II.
- Single terminal block at the primary and secondary circuit (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Driver can be secured with slot for screws.
- Ultra compact size.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Current regulation -6 % + 5 % including temperature variations.
- Thermal protection = C.5.a.

**Caratteristiche**

- Alimentatore da incorporare.
- Morsetti di entrata e uscita sullo stesso lato.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- Singolo morsetto su primario e secondario (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Dimensioni molto ridotte e compatte.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Corrente regolata -6 % + 5 % incluse variazioni di temperatura.
- Protezione termica = C.5.a.

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

