

# W HPF

## Direct current electronic drivers Alimentatori elettronici in corrente continua

Made in Italy



constant  
CURRENT



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

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

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

**Power - Potenza**  
9 ÷ 25 W

**THD**  
≤ 10% (1)

**Output current ripple**  
± 20% (1)

### Standards compliance

EN 55015  
EN 60335-1  
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)  
50 pcs

**In rush current**  
2A 50μsec

| 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 | λ max.<br>Power<br>Factor | η max.<br>Efficiency <sup>(1)</sup> |
|---------------------------------------|----------------|------------|-------------|--------------|------------|-----------|----------|---------------------------|-------------------------------------|
| DC 18W 350mA W HPF <sup>(3)</sup>     | 127132         | 18         | 25...51     | 350 mA cost. | 59         | -20...+45 | 70       | 0,98                      | > 89 %                              |
| DC 16W 400mA W HPF <sup>(3)(7)</sup>  | 127133         | 16         | 22...40     | 400 mA cost. | 59         | -20...+45 | 70       | 0,97                      | > 88 %                              |
| DC 20W 500mA W HPF <sup>(3)</sup>     | 127134         | 20         | 22...40     | 500 mA cost. | 59         | -20...+45 | 70       | 0,98                      | > 89 %                              |
| DC 25W 600mA W HPF <sup>(4)(5)</sup>  | 127131         | 25         | 22...41,5   | 600 mA cost. | 59         | -20...+45 | 75       | 0,98                      | > 88 %                              |
| DC 25W 700mA W HPF <sup>(4)(5)</sup>  | 127130         | 25         | 15...36     | 700 mA cost. | 48         | -20...+45 | 75       | 0,98                      | > 88 %                              |
| DC 22W 1050mA W HPF <sup>(4)(6)</sup> | 127136         | 22         | 10...21     | 1,05 A cost. | 35         | -20...+45 | 70       | 0,98                      | > 86 %                              |

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

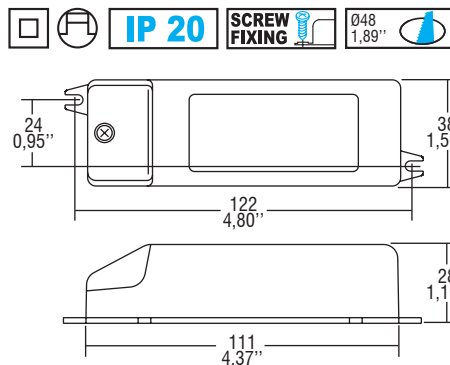
(5) If mounted on flammable surfaces  $t_c \leq 60$  °C - Se montato su superfici infiammabili  $t_c \leq 60$  °C

(6) If mounted on flammable surfaces  $t_c \leq 65$  °C - Se montato su superfici infiammabili  $t_c \leq 65$  °C

(7) Without EL and DC operation - Senza EL e funzionamento DC

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

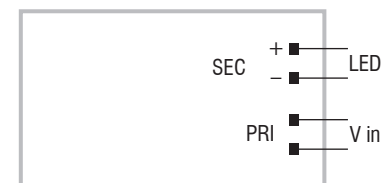
**Livello di emissione luminosa in funzionamento DC: Impostazioni di fabbrica 100% EoFi=1**



Weight - Peso:  
gr. 93 / 3,3 oz.  
Pcs - Pezzi 50

### Wiring diagram - Schema di collegamento

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



### Features

- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Current regulation  $\pm 7\%$  including temperature variations.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on the same side (wire cross-section up to 2,5 mm<sup>2</sup> / AWG13).
- Single terminal block on primary and secondary circuits.
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 6 mm.
- Driver can be secured with slot for screws.
- 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.
- Corrente regolata  $\pm 7\%$  incluse variazioni di temperatura.
- Fornito di coprimorsetto e serracavo.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 2,5 mm<sup>2</sup> / AWG13).
- Singola morsettieria su primario e secondario.
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 6 mm.
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.

