

constant  
**VOLTAGE**

**RIPPLE FREE**

Pst LM ≤ 1  
SVM ≤ 0,4



EAC EN 05 100 EL SELV 60V

2kV DIFF. 4kV COMM. **LOOPING** SEC. SWITCH SAFETY PROTECTIONS

**Rated Voltage**  
**Tensione Nominale**  
 100 ÷ 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)  
 DC 176 ÷ 280 V

**Power - Potenza**  
 0 ÷ 20 W

**Input Power**  
**Potenza in ingresso**  
 23,6 (12,2<sup>(2)</sup>) W

**iTHD**  
 ≥ 40%<sup>(1)</sup>

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

**Standards compliance**  
 EN 55015  
 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)  
 27 pcs

**In rush current**  
 27A 250µsec

Article Articolo	Code Codice	P out W	V out DC <sup>(1)</sup>	I out DC	ta °C	tc °C	λ max. Power Factor	η max. Efficiency <sup>(1)</sup>
<b>EFU 12V HPFU</b>	141125	20 (10 <sup>(2)</sup> )	12	2,08 (0,83 <sup>(2)</sup> ) A max.	-25...+50	80	0,87 <sup>(3)</sup> (0,9 <sup>(2)</sup> ) C	> 85 %
<b>EFU 24V HPFU</b>	141126	20 (10 <sup>(2)</sup> )	24	1,04 (0,42 <sup>(2)</sup> ) A max.	-25...+50	80	0,87 <sup>(3)</sup> (0,9 <sup>(2)</sup> ) C	> 87 %

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

<sup>(2)</sup> Pout > 2 W

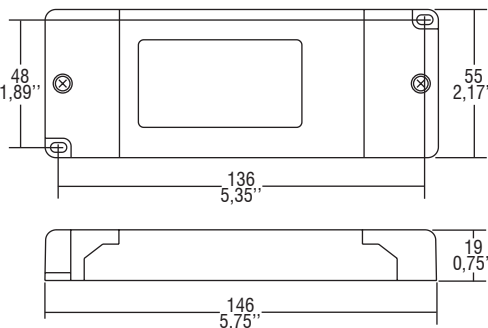
<sup>(3)</sup> Pout > 11 W

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

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

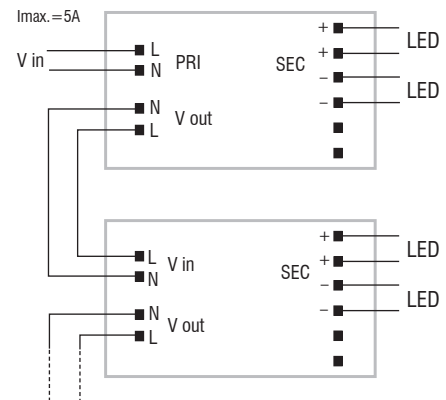
Weight - Peso:  
gr. 130 / 4,58 oz.

Pcs - Pezzi 20



**Wiring diagram - Schema di collegamento**

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



**Features**

- Double input terminal blocks to loop other driver.
- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on opposite sides.
- Double terminal block on primary and secondary circuits (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.
- Thermal protection = C.5.a.

**Caratteristiche**

- Doppia morsettiera lato rete per rimando ad altro alimentatore.
- Alimentatore indipendente IP20, per uso interno.
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- Fornito di coprimorsetto e serracavo.
- Morsetti di entrata e uscita contrapposti.
- Doppia morsettiera su primario e secondario (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.
- Protezione termica = C.5.a.

**7 YEARS WARRANTY**  
 3% FAILURE RATE

**10 YEARS WARRANTY**  
 5% FAILURE RATE

PRODUCER'S LIABILITY

10 YEARS WARRANTY TO THE CUSTOMER ACCORDING TO THE CONTRACTUAL CONDITIONS

5.1.1

Constant voltage drivers - Compact case - Not dimmable  
 Alimentatori a tensione costante - Formato compatto - Non regolabili