

5.1.1

Constant voltage drivers - Compact case - Switchable Alimentatori a tensione costante - Formato compatto - Non regolabili

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

**Frequency**  
Frequenza  
50-60 Hz

**AC Operation range**  
Tensione di utilizzo AC  
198 ÷ 264 V

**DC Operation range**  
Tensione di utilizzo DC  
(see page info15)  
DC 176 ÷ 264 V  
(NO 150 W)

**Power - Potenza**  
0 ÷ 150 W

**iTHD**  
≤ 10% (1)

**Output current ripple**  
≤ 3% (1)

**Standards compliance**  
EN 50172 (VDE 0108)  
EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547  
VDE 0710-T14

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

**In rush current**  
15A 600µsec

**Max. pcs for CB B16A**  
(see page info17)  
8 pcs (for DC 150)

**In rush current**  
35A 100µsec  
(for DC 150)

| Article<br>Articolo              | Code<br>Codice | P out<br>W        | V out<br>DC | I out<br>DC | ta<br>°C  | tc<br>°C | λ max.<br>Power<br>Factor | η max.<br>Efficiency <sup>(1)</sup> |
|----------------------------------|----------------|-------------------|-------------|-------------|-----------|----------|---------------------------|-------------------------------------|
| DC 50W 24V VST <sup>(4)</sup>    | 122752         | 50                | 24          | 2 A max.    | -40...+45 | 70       | 0,97                      | > 90                                |
| DC 50W 12V VST                   | 122756         | 50                | 12          | 4,2 A max.  | -40...+45 | 70       | 0,97                      | > 88                                |
| DC 50W 48V VST                   | 122766         | 50                | 48          | 1 A max.    | -40...+45 | 70       | 0,97                      | > 90                                |
| DC 70W 24V VST <sup>(3)(4)</sup> | 122750         | 70 <sup>(3)</sup> | 24          | 2,9 A max.  | -40...+45 | 70       | 0,97                      | > 91                                |
| DC 70W 12V VST <sup>(4)</sup>    | 122758         | 70                | 12          | 5,8 A max.  | -40...+45 | 70       | 0,97                      | > 89                                |
| DC 70W 48V VST                   | 122762         | 70                | 48          | 1,45 A max. | -40...+45 | 70       | 0,97                      | > 91                                |
| DC 150W 24V VST <sup>(5)</sup>   | 122754         | 150               | 24          | 6,25 A max. | -40...+45 | 75       | 0,98                      | > 94                                |
| DC 150W 48V VST <sup>(2)</sup>   | 122764         | 150               | 48          | 3 A max.    | -40...+45 | 75       | 0,98                      | > 94                                |

(1) Referred to  $V_m = 230$  V, 100% load - Riferito a  $V_m = 230$  V, carico 100%  
 (2) Without KEMA - Senza KEMA / Without EL - Senza EL  
 (3) Load allowed up to 75 W - Carico massimo 75 W

| Accessories not supplied - Accessori non a corredo |               |
|--|---------------|
| Article - Articolo                                 | Code - Codice |
| dimmer SED 4.5A R57 (7.)                           | 120300        |



Only for 12 V - 24 V max. 4,5 A  
Solo per versioni 12 V - 24 V max. 4,5 A

**Features**

- AC/DC electronic driver with output in voltage, specific for installations in compliance with the standards of lighting applications.
- IP20 independent driver, for indoor use.
- Class I protection against electric shock for direct or indirect contact.
- Input and output terminal blocks on opposite sides.
- Single terminal block on primary (wire cross-section up to 0,75 - 2,5 mm<sup>2</sup> / AWG18 - AWG13).
- Double terminal blocks on secondary (wire cross-section up to 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 6 mm - max. 9 mm.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

**Caratteristiche**

- Alimentatore elettronico tipo AC/DC con uscita in tensione specifico per installazioni con Norme settore illuminazione.
- Alimentatore indipendente IP20, per uso interno.
- Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti.
- Morsetti di entrata e uscita contrapposti.
- Singola morsettiera su primario (sezione cavo fino a 0,75 - 2,5 mm<sup>2</sup> / AWG18 - AWG13).
- Doppia morsettiera su secondario (sezione cavo fino a 0,5 - 2,5 mm<sup>2</sup> / AWG20 - AWG13).
- Serracavo su primario e secondario per cavi di diametro: min. 6 mm - max. 9 mm.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.



## Direct current electronic drivers Alimentatori elettronici in corrente continua

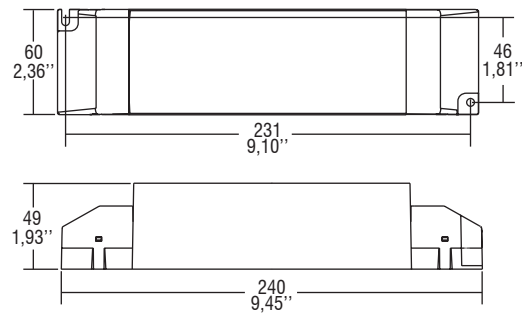
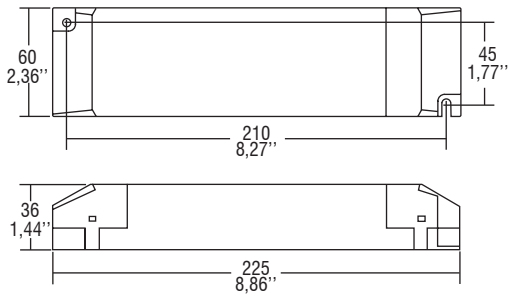
Made in Italy

**IP 20** **SCREW FIXING** Ø70 2,76" Weight - Peso: gr. 290 / 10,22 oz. Pcs - Pezzi 25

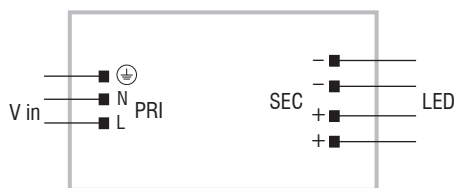
**IP 20** **SCREW FIXING** Ø80 3,15" Weight - Peso: gr. 345 / 12,16 oz. Pcs - Pezzi 20

DC 50W 24V VST - DC 50W 48V VST - DC 70W 24V VST - DC 70W 48V VST

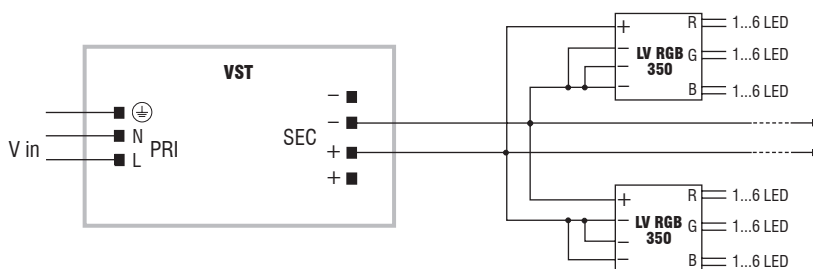
DC 50W 12V VST - DC 70W 12V VST - DC 150W 24V VST - DC 150W 48V VST



### Wiring diagrams - Schemi di collegamento (Max. LED distance at page info8 - Massima distanza LED a pagina info8)



### Example of application - Esempio di applicazione



5.1.1

Constant voltage drivers - Compact case - Switchable  
Alimentatori a tensione costante - Formato compatto - Non regolabili