

**Direct current dimmable (TRAILING EDGE-LEADING EDGE) electronic drivers**  
**Alimentatori elettronici dimmerabili (IGBT-TRIAC) in corrente continua**

Made in Italy



3.1.3

Dimmable multipower drivers - Compact case - PHASE CUT  
 Alimentatori multipotenza regolabili - Formato compatto - TAGLIO DI FASE



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

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

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

**Power - Potenza**  
 3 ÷ 10 W

**iTHD**  
 ≤ 10% <sup>(1)</sup>

**Output current ripple**  
 ≤ 20% <sup>(1)</sup>

**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  
 EN 62384  
 VDE 0710-T14

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

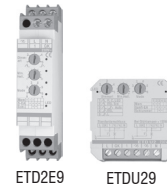
**In rush current**  
 2A 50μsec

| Article<br>Articolo  | Code<br>Codice | P out<br>W | V out<br>DC<br>no dimming | V out<br>DC<br>dimming | 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> |
|--|----------------|------------|---------------------------|------------------------|--------------|------------|-----------|----------|---------------------------|-------------------------------------|
| <b>Constant current output - Uscita in corrente costante</b> |                |            |                           |                        |              |            |           |          |                           |                                     |
| <b>BMU MD 250</b>  | 127396         | 7          | 12...28                   | 14...28                | 250 mA cost. | 35         | -25...+45 | 70       | 0,96                      | > 82                                |
| <b>BMU MD 350</b>  | 127390         | 10         | 8,5...28                  | 12...28                | 350 mA cost. | 35         | -25...+45 | 70       | 0,9C - 0,96               | > 82                                |
| <b>BMU MD 500</b>  | 127392         | 10         | 6...20                    | 10...20                | 500 mA cost. | 30         | -25...+45 | 70       | 0,9C - 0,96               | > 82                                |
| <b>BMU MD 700</b>  | 127394         | 10         | 3...14                    | 6...14                 | 700 mA cost. | 25         | -25...+45 | 70       | 0,8C - 0,96               | > 82                                |

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

**Accessories not supplied - Accessori non a corredo**

| Article - Articolo | Code - Codice |
|--------------------|---------------|
| ETDU29 (12.2)      | 180426        |
| ETD2E9 (12.2)      | 180427        |



### Features

- Driver for built-in use.
- It can be used for lighting equipment in protection class I and II.
- Active Power Factor Corrector.
- Current regulation ±8 % including temperature variations.
- Input and output terminal blocks on the same side (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

### Caratteristiche

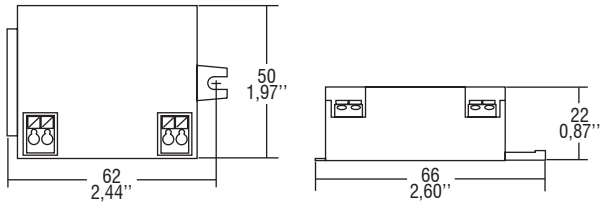
- Alimentatore da incorporare.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- PFC attivo.
- Corrente regolata ±8 % incluse variazioni di temperatura.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - termica e cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.



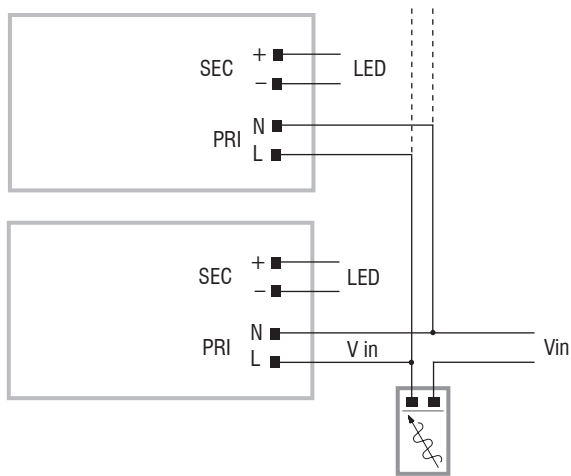
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**BUILT-IN SCREW FIXING**  Weight - Peso gr. 60 / 2,1 oz.  
 Pcs - Pezzi 70



**Wiring diagram - Schema di collegamento** (Max. LED distance on page info8 - Massima distanza LED a pagina info8)



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