

Direct current electronic drivers with DIP-SWITCH  
Alimentatori elettronici in corrente continua con DIP-SWITCH

Made in Italy 

constant  
CURRENT



RIPPLE  
FREE



**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)  
176 ÷ 280 V

**Power - Potenza**  
16 ÷ 55 W

**ITHD**  
≤ 10% <sup>(1)</sup>

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

#### Standards compliance

EN 50172 (VDE 0108)  
EN 55015  
EN 60598-2-22  
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)  
30 pcs

**In rush current**  
45A 100μsec

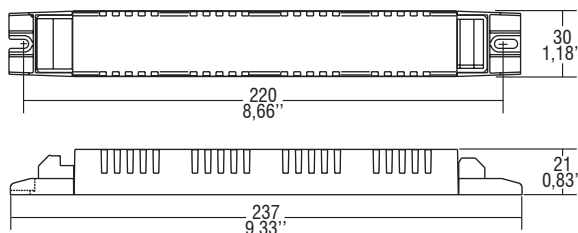
Article Articolo	Code Codice	P out W	V out DC	I out DC	U out V	ta °C	tc °C	λ Power Factor	η max. Efficiency <sup>(1)</sup>
MPSE 55/700 SLIM	127526	45,5	50...140	325 mA cost.	250	-25...+50	85	0,95 <sup>(2)</sup>	> 93
		49	50...140	350 mA cost.					
		52,5	50...140	375 mA cost.					
		55	50...138	400 mA cost.					
		55	50...130	425 mA cost.					
		55	50...123	450 mA cost.					
		55	50...116	475 mA cost.					
		55	50...110	500 mA cost.					
		55	50...105	525 mA cost.					
		55	50...100	550 mA cost.					
		55	50...96	575 mA cost.					
		55	50...92	600 mA cost.					
		55	50...88	625 mA cost.					
		55	50...85	650 mA cost.					
		55	50...82	675 mA cost.					
		55	50...79	700 mA cost.					

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

<sup>(2)</sup> Pout > 27 W

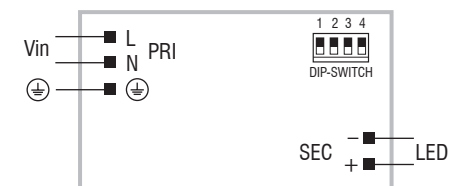


Weight - Peso gr. 140 / 4,9 oz.  
Pcs - Pezzi 70



#### Wiring diagram - Schema di collegamento

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



#### Features

- Driver for built-in use.
- Multipower driver supplied with dip-switch for the selection of the output current.
- Active Power Factor Corrector.
- Current regulation  $\pm 5/10$  % including temperature variations.
- It can be used for lighting equipment in protection class I.
- Output is not isolated from the input.
- Input and output terminal blocks on opposite sides (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Driver can be secured with slot for screws.
- Protections:
  - short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.a.

#### Caratteristiche

- Alimentatore da incorporare.
- Alimentatore multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- PFC attivo.
- Corrente regolata  $\pm 5/10$  % incluse variazioni di temperatura.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I.
- Uscita non isolata dall'ingresso.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
  - al cortocircuito;
  - contro le extra-tensioni di rete;
  - contro i sovraccarichi.
- Protezione termica = C.5.a.

