

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

Made in Italy

constant  
**CURRENT**



**RIPPLE  
FREE**

2.1

Multipower drivers - Compact case  
Alimentatori multipotenza - Formato compatto



PROFESSIONALE 34



PROFESSIONALE 34 BI



**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 ÷ 275 V

Article Articolo	Code Codice	P out W	V out DC	I out DC	U out V	ta °C	tc °C	$\lambda$ Power Factor	$\eta$ max. Efficiency <sup>(1)</sup>
<b>PROFESSIONALE 34</b> <sup>(3)</sup>	127480N (ex.127480)	12	20...50	250 mA cost.	60	-25...+40 <sup>(3)</sup> -25...+45 <sup>(4)</sup>	70 <sup>(3)</sup> 75 <sup>(4)</sup>	0,95 <sup>(2)</sup>	> 90
		15	15...50	300 mA cost.					
<b>PROFESSIONALE 34 BI</b> <sup>(4)</sup>	127482	17	15...50	350 mA cost.					
		20	15...50	400 mA cost.					
		22	15...50	450 mA cost.					
		25	10...50	500 mA cost.					
		27	10...50	550 mA cost.					
		30	10...50	600 mA cost.					
		32	10...49	650 mA cost.					
		34	10...48	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 > 25 W

**Power - Potenza**  
5 ÷ 34 W

**iTHD**  
≤ 10% <sup>(1)</sup>

**Output current ripple**  
≤ 3% <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  
VDE 0710-T14

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

**In rush current**  
5A 50 $\mu$ sec

### Features

- Multipower driver supplied with dip-switch for the selection of the output current.
- IP20 independent driver, for indoor use (PROFESSIONALE 34).
- Class I protection against electric shock for direct or indirect contact (PROFESSIONALE 34).
- Driver for built-in use (PROFESSIONALE 34 BI).
- It can be used for lighting equipment in protection class I (PROFESSIONALE 34 BI).
- Active Power Factor Corrector.
- Current regulation  $\pm 5/7$  % including temperature variations.
- Input and output terminal blocks on opposite sides (wire cross-section up to 1,5 mm<sup>2</sup> / AWG15).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 2 mm - max. 11 mm (PROFESSIONALE 34).
- 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 multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- Alimentatore indipendente IP20, per uso interno (PROFESSIONALE 34).
- Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti (PROFESSIONALE 34).
- Alimentatore da incorporare (PROFESSIONALE 34 BI).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I (PROFESSIONALE 34 BI).
- PFC attivo.
- Corrente regolata  $\pm 5/7$  % incluse variazioni di temperatura.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 1,5 mm<sup>2</sup> / AWG15).
- Serracavo su primario e secondario per cavi di diametro: min. 2 mm - max. 11 mm (PROFESSIONALE 34).
- 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.

**7 YEARS WARRANTY**  
3% FAILURE RATE

**10 YEARS WARRANTY**  
5% FAILURE RATE

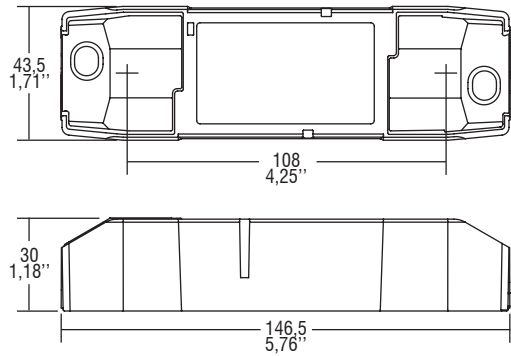
PRODUCER'S LIABILITY  
**TCI**

10 YEARS WARRANTY TO THE END OF THE LED'S LIFE  
ACCORDING TO THE MANUFACTURER'S CONDITIONS

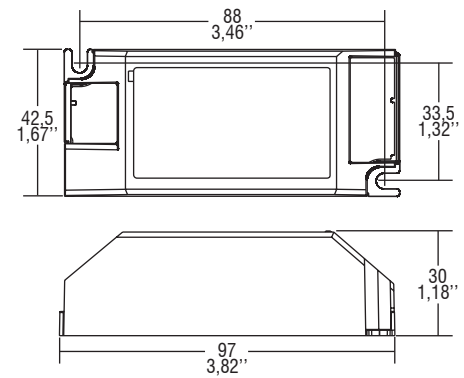
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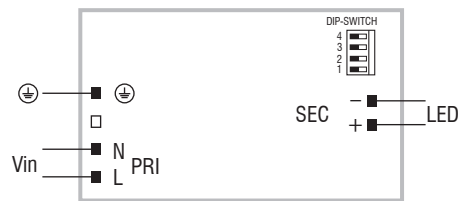
**IP 20** **SCREW FIXING** Ø54 2,13" Weight - Peso gr. 122 / 4,3 oz.  
 Pcs - Pezzi 40



**BUILT-IN** **SCREW FIXING** Weight - Peso gr. 115 / 4,1 oz.  
 Pcs - Pezzi - 50



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



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