

Direct current electronic drivers
Alimentatori elettronici in corrente continua

Made in Italy 

constant CURRENT constant VOLTAGE



RIPPLE FREE



1.1
Single current drivers - Without PFC
Alimentatori corrente singola - Senza PFC

1~2KV DIFF. 2KV COMM. SAFETY PROTECTIONS

Rated Voltage
Tensione Nominale
100 ÷ 127 V⁽³⁾
100 ÷ 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)
176 ÷ 264 V

Power - Potenza
0 ÷ 8 W

iTHD
≥ 90%⁽¹⁾

Output current ripple
≤ 3%⁽¹⁾

Standards compliance
CSA C22.2 no. 223⁽³⁾
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
UL 1310⁽³⁾
UL 8750⁽³⁾
VDE 0710-T14

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

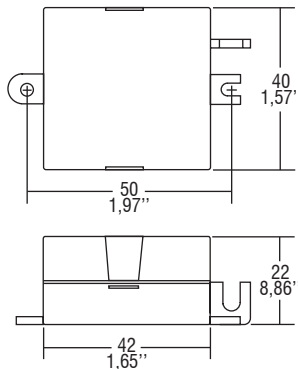
In rush current
20A 170μsec

Article Articolo	Code Codice	P out W	V out DC ⁽¹⁾	I out DC	U out V	ta °C	tc °C	λ max. Power Factor	η max. Efficiency ⁽¹⁾
DC 3W 125mA STM/U	122814	3	2...23	125 mA cost.	24	-25...+60	75	0,6 C	70
DC 6W 150mA STM/U ⁽³⁾	122799	6	2...40	150 mA cost.	44	-25...+55	75	0,6 C	70
DC 6W 250mA STM/U ⁽³⁾⁽⁴⁾⁽⁵⁾	122812	6	2...23	250 mA cost.	25	-25...+60	80	0,6 C	73
DC 8W 350mA STM/U ⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾	122811	6/8 ⁽²⁾	2...23	350 mA cost.	25	-25...+55 ⁽²⁾ /60	80	0,6 C	77
DC 6W 500mA STM/U ⁽³⁾⁽⁵⁾⁽⁷⁾	122813	6	2...11,5	500 mA cost.	13	-25...+55	75	0,6 C	73
DC 6W 700mA STM/U ⁽³⁾⁽⁵⁾	122815	6	2...8,5	700 mA cost.	13	-25...+50	70	0,6 C	73

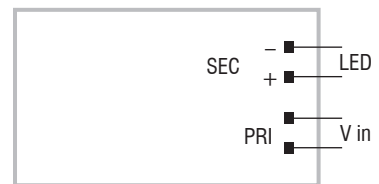
⁽¹⁾ Referred to V_m = 230 V, 100% load - Riferito a V_m = 230 V, carico 100%

⁽⁶⁾ 122814BIS - 122799BIS - 122812BIS - 122811BIS - 122813BIS - 122815BIS:
order codes for BIS marked products - codici di ordine per i prodotti marchiati BIS

BUILT-IN SCREW FIXING Weight - Peso: gr. 35 / 1,23 oz.
Pcs - Pezzi 90



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



Features

- Driver for built-in use.
- Input and output terminal blocks on the same side.
- Single terminal at the primary and secondary circuit (wire cross-section up to 2,5 mm² / AWG13).
- Ultra compact size.
- It can be used for lighting equipment in protection class I and II.
- Driver can be secured with slot for screws.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Current regulation -8 % + 5 % including temperature variations.

Caratteristiche

- Alimentatore da incorporare.
- Morsetti di entrata e uscita sullo stesso lato.
- Singolo morsetto su primario e secondario (sezione cavo fino a 2,5 mm² / AWG13).
- Dimensioni molto ridotte e compatte.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
 - termica e cortocircuito;
 - contro le extra-tensioni di rete;
 - contro i sovraccarichi.
- Corrente regolata -8 % + 5 % incluse variazioni di temperatura.

7 YEARS WARRANTY
3% FAILURE RATE

10 YEARS WARRANTY
5% FAILURE RATE

PRODUCER'S LIABILITY
TCL LED

10 YEARS WARRANTY TO LED MANUFACTURERS
ACCORDING TO THE CONTRACTOR'S CONDITIONS