Direct current electronic drivers
Alimentatori elettronici in corrente continua

Made in Italy

constant CURRENT | constant VOLTAGE

RIPPLE FREE | Pst LM ≤ 1 SVM ≤ 0,4

IS 15885 (Part 2 / Sec 13) (7) (7) (6) R - 41049751 | DAMP LOCATION | UL-CLASS2 (3) CSA-LVLE | EN 05 | KEMA KEUR | (5) | 100 | M M | EL | SELV 60V

CE NOT INTENDED FOR END-USER

1÷2kV DIFF. 2kV COMM. | SEC. SWITCH | SAFETY PROTECTIONS

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)(5)	122812	6	2...23	250 mA cost.	25	-25...+60	80	0,6 C	73 %
DC 8W 350mA STM/U (3)(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_{in} = 230 V, 100% load - Riferito a V_{in} = 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

Light output level in DC operation: Factory default 100% EOFi=1

Livello di emissione luminosa in funzionamento DC: Impostazioni di fabbrica 100% EOFi=1

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)

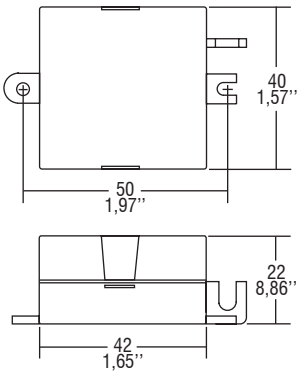
Standards compliance
CSA C22.2 no. 223 (3)
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384
UL 1310 (3)
UL 8750 (3)
VDE 0710-T14

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

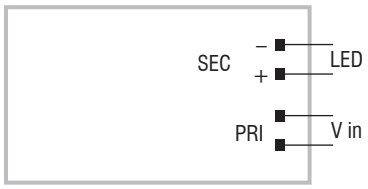
In rush current
20A 170μsec

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)



7 YEARS WARRANTY 3% FAILURE RATE | 10 YEARS WARRANTY 5% FAILURE RATE

PRODUCER'S LIABILITY TCI LED | POWERED WITH ELECTRONIC WARRANTY 10 YEARS ACCORDING TO TCI CATALOGUE CONDITIONS

Features
- Suitable for professional luminaries for stage lighting and studios or similar.
- 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
- Idoneo per apparecchi d'illuminazione professionale per luci di scena, studi o similari.
- 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.