DCC HPFU

Direct current electronic drivers
Alimentatori elettronici in corrente continua

Made in Italy

constant CURRENT | constant VOLTAGE

IS 15885 (Part 2 / Sec 13) (5) R - 41049751 | UL-CLASS2 (2) CSA-LVLE | 100 | EL | SELV 60V

RIPPLE FREE | Pst LM ≤ 1 SVM ≤ 0,4

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)
DCC 10W 250mA HPFU	127699	10 (10(2))	2...43	250 mA cost.	45	-25...+50	75/80(2)	0,85 C	> 85 %
DCC 15W 350mA HPFU	127713	14,5 (10(2))	2...41,5	350 mA cost.	45	-25...+45	75/80(2)	0,9 (0,85(2)) C	> 85 %
DCC 12W 500mA HPFU (4)	127711	12 (10(2))	2...24	500 mA cost.	25	-25...+50	80	0,85 C	> 83 %
DCC 12W 700mA HPFU (4)	127712	12 (10(2))	2...16	700 mA cost.	19	-25...+45	75	0,85 C	> 80 %

(1) Referred to V_{in} = 230 V, 100% load - Riferito a V_{in} = 230 V, carico 100%
(4) ENEC only for 220-240 V - ENEC solo per 220-240 V
(5) 127699BIS - 127711BIS - 127712BIS - 127713BIS:
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 (2)
220 ÷ 240 V

Frequency - Frequenza
50-60 Hz

AC Operation range
Tensione di utilizzo AC
90 ÷ 264 V

DC Voltage
Tensione DC
(see page info15)
176 ÷ 275 V

Power - Potenza
0 ÷ 15 W

iTHD
≤ 45% (1)

Output current ripple
≤ 3% (1)

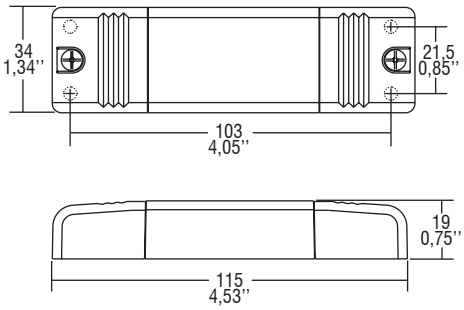
Standards compliance
CSA C22.2 no. 250 (2)
UL 8750
EN 55015
EN 60598-1
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384

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

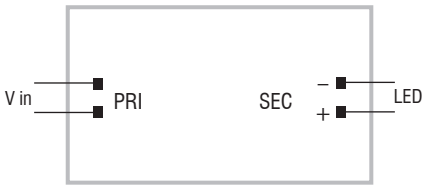
In rush current
27A 250μsec

IP 20 | SCREW FIXING | Ø40 1,57"

Weight - Peso:
gr. 60 / 2,07 oz.
Pcs - Pezzi 50



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



Features
- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on opposite sides (wire cross-section up to 2,5 mm² / AWG13).
- Single terminal block on primary and secondary circuit.
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- 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 indipendente IP20, per uso interno.
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti.
- Fornito di coprimorsetto e serracavo.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 2,5 mm² / AWG13).
- Singola morsettiera su primario e secondario.
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm.
- 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 | POWERED WITH ELECTRONICS WARRANTY 10 YEARS 10 ACCORDING TO TCI CATALOGUE CONDITIONS