

Direct current electronic drivers Alimentatori elettronici in corrente continua

Made in Italy

constant CURRENT constant VOLTAGE

IS 15885 (Part 2 / Sec 13)
EAC R - 41049751

DAMP LOCATION

UL-CLASS2 (3)
CSA-LVLE

ENEC 05

KEMA KEUR

CCC

100

M M

100

RIPPLE FREE

Pst LM ≤ 1
SVM ≤ 0,4



EL SELV 60V

NOT INTENDED FOR END-USER

1.1

Single current drivers - Without PFC - Switchable
Alimentatori corrente singola - Senza PFC - Non regolabili

1-2KV DIFF. 2KV COMM. SEC. SWITCH SAFETY PROTECTIONS

Rated Voltage Tensione Nominale

100 V ⁽²⁾⁽³⁾
100 ÷ 120 V ⁽³⁾
110 ÷ 240 V ⁽⁴⁾

Frequency Frequenza

50-60 Hz

AC Operation range Tensione di utilizzo AC

100 ÷ 264 V

DC Operation range Tensione di utilizzo DC

(see page info15)
176 ÷ 276 V

Power - Potenza

0 ÷ 12 W

iTHD

≥ 90% ⁽¹⁾

Output current ripple

≤ 3% ⁽¹⁾

Standards compliance

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

Max. pcs for CB B16A

(see page info17)
27 pcs

In rush current

27A 250μsec

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 6W 210mA BMU ⁽⁵⁾⁽⁸⁾	122796	6,5 ⁽²⁾⁽⁴⁾	3...33	210 mA cost.	36	-25...+60	80	0,54 (0,64 ⁽²⁾) C	> 75 %
DC 9W 280mA BMU ⁽⁶⁾	122797	9 ⁽²⁾⁽⁴⁾	3...33	280 mA cost.	36	-25...+55	80	0,54 (0,64 ⁽²⁾) C	> 75 %
DC 12W 350mA BMU ⁽⁸⁾	122790	12 ^{(4)(10⁽²⁾)}	2...31	350 mA cost.	36	-25...+50	80	0,54 (0,64 ⁽²⁾) C	> 80 %
DC 12W 500mA BMU ⁽⁸⁾	122794	12 ^{(4)(10⁽²⁾)}	2...24	500 mA cost.	25	-25...+50	80	0,54 (0,64 ⁽²⁾) C	> 81 %
DC 12W 700mA BMU ⁽⁸⁾	122792	12 ^{(4)(10⁽²⁾)}	2...16	700 mA cost.	19	-25...+50	80	0,54 (0,64 ⁽²⁾) C	> 80 %

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

⁽⁵⁾ Pending UL

⁽⁶⁾ Pending ENEC 05 - KEMA KEUR - UL - CCC

⁽⁷⁾ 122796BIS - 122797BIS - 122790BIS - 122794BIS - 122792BIS:

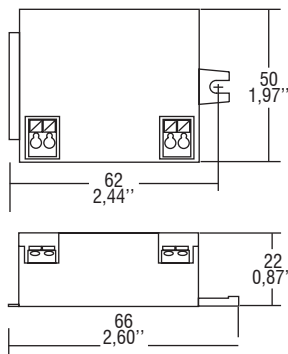
order codes for BIS marked products - codici di ordine per i prodotti marchiati BIS

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

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

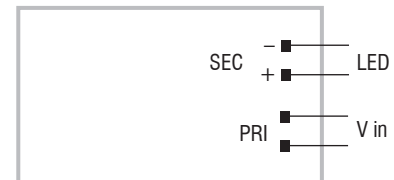
BUILT-IN SCREW FIXING

Weight - Peso gr. 45 / 1,6 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.
- Suitable for professional luminaires for stage lighting and studios or similar.
- Input and output terminal blocks on the same side.
- It can be used for lighting equipment in protection class I and II.
- Single terminal block at the primary and secondary circuit (wire cross-section up to 1,5 mm² / AWG15).
- Driver can be secured with slot for screws.
- Ultra compact size.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Current regulation -6 % +5 % including temperature variations.

Caratteristiche

- Alimentatore da incorporare.
- Idoneo per apparecchi d'illuminazione professionale per luci di scena, studi o similari.
- Morsetti di entrata e uscita sullo stesso lato.
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II.
- Singolo morsetto su primario e secondario (sezione cavo fino a 1,5 mm² / AWG15).
- Fissaggio dell'alimentatore tramite asole per viti.
- Dimensioni molto ridotte e compatte.
- Protezioni:
 - termica e cortocircuito;
 - contro le extra-tensioni di rete;
 - contro i sovraccarichi.
- Corrente regolata -6 % +5 % incluse variazioni di temperatura.

7 YEARS WARRANTY
3% FAILURE RATE

10 YEARS WARRANTY
5% FAILURE RATE

PRODUCER'S LIABILITY
TCI

10 YEARS WARRANTY
ACCORDING TO THE CONTRACTOR'S CONDITIONS