

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

Made in Italy

constant CURRENT constant VOLTAGE

IS 15885
(Part 2 / Sec 13)

R - 41049751

DAMP LOCATION

UL-CLASS2

CSA-LVLE

EN 505

KEMA EUR

SAA-141280-EA

CCC

V110

M M

Safety

EL SELV 60V

RIPPLE FREE



MP 32 K2



MP 32 BI

3.5kV DIFF. 4kV COMM.
ACTIVE PFC
DIP-SWITCH
SAFETY PROTECTIONS

Rated Voltage Tensione Nominale

110 ÷ 127 V ⁽²⁾⁽⁴⁾
220 ÷ 240 V

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)
170 ÷ 280 V

Power Potenza

1 ÷ 33 W

Output current ripple ≤ 3% ⁽¹⁾

Standards compliance

CSA C22.2 no. 223 ⁽⁴⁾
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 ⁽⁴⁾
VDE 0710-T14

Max. pcs for CB B16A (see page info17)

50 pcs

In rush current 5A 50µsec

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⁾	
MP 32 K2	122200	Constant current output - Uscita in corrente costante				55	-25...+50	75	0,98	> 88
MP 32 BI ⁽³⁾	122454	17 (15 ⁽²⁾)	2...47	350 mA cost.						
		24 (15 ⁽²⁾)	2...47	500 mA cost.						
		25 (15 ⁽²⁾)	2...47	550 mA cost.						
		32 (15 ⁽²⁾)	2...46	700 mA cost.						
		20 (33 ⁽³⁾) (15 ⁽²⁾)	2...24 (39 ⁽³⁾)	850 mA cost.						
		20 (33 ⁽³⁾) (15 ⁽²⁾)	2...22 (37 ⁽³⁾)	900 mA cost.						
Constant voltage output - Uscita in tensione costante										
		10 (10 ⁽²⁾)	10 cost.	1,05 A max.	-					
		13 (13 ⁽²⁾)	12 cost.	1,05 A max.	-					
		20 (15 ⁽²⁾)	24 cost.	1,05 A max.	-					

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

⁽³⁾ Only for **MP 32 K2**

⁽⁶⁾ 122200BIS: order code for BIS marked product - codice di ordine per il prodotto marchiato BIS

Features

- Multipower driver supplied with dip-switch for the selection of the output current.
- IP20 independent driver, for indoor use (MP 32 K2).
- Class II protection against electric shock for direct or indirect contact (MP 32 K2).
- Driver for built-in use (MP 32 BI).
- It can be used for lighting equipment in protection class I and II (MP 32 BI).
- Active Power Factor Corrector.
- Current regulation ± 5 % including temperature variations.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on the same side (wire cross-section up to 1,5 mm² / AWG15).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm (MP 32 K2).
- 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 (MP 32 K2).
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti (MP 32 K2).
- Alimentatore da incorporare (MP 32 BI).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II (MP 32 BI).
- PFC attivo.
- Corrente regolata ± 5 % incluse variazioni di temperatura.
- Fornito di coprimorsetto e serracavo.
- Morsetti di entrata e uscita sullo stesso lato (sezione cavo fino a 1,5 mm² / AWG15).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm (MP 32 K2).
- 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

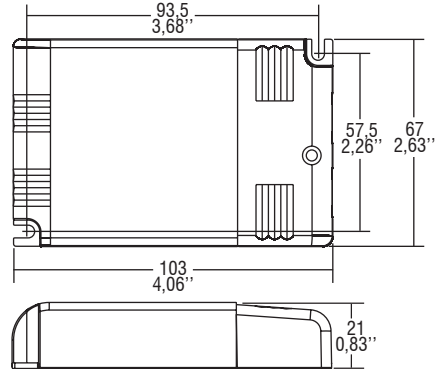
PRODUCER'S LIABILITY
TCI

10 YEARS WARRANTY
ACCORDING TO THE EUROPEAN CONDITIONS
2014

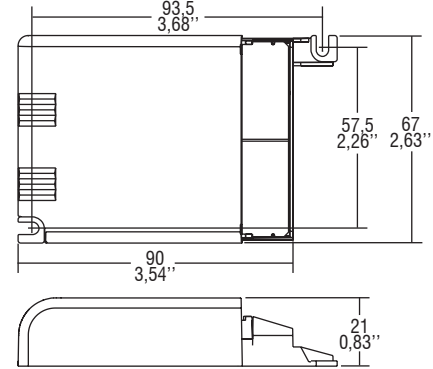
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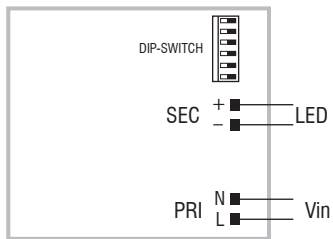
IP 20 **SCREW FIXING** Weight - Peso gr. 120 / 4,2 oz.
 Pcs - Pezzi 50
 Compatible with ZHAGA (AS1)



BUILT-IN **SCREW FIXING** Weight - Peso gr. 115 / 4,1 oz.
 Pcs - Pezzi 50
 Compatible with ZHAGA (AS1)



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



2.1
 Multipower DIP-SWITCH drivers - Compact case
 Alimentatori multipotenza con DIP-SWITCH - Formato compatto