

PRO FLAT - Single Current

Direct current electronic drivers
Alimentatori elettronici in corrente continua

Made in Italy



1.2

Single current drivers - With PFC
Alimentatori corrente singola - Con PFC

constant
CURRENTRIPPLE
FREE

ENEC 05

KEMA
EUR

110

M

M

EL

SELV 60V



PRO FLAT



PRO FLAT BI

2kV DIFF.
3kV COMM.ACTIVE
PFCSAFETY
PROTECTIONS

Rated Voltage
Tensione Nominale
220 ÷ 240 V

Frequency
Frequenza
50-60 Hz

AC Operation range
Tensione di utilizzo AC
198 ÷ 264 V

DC Operation range
Tensione di utilizzo DC
(see page info15)
176 ÷ 275 V

Power
Potenza
3 ÷ 40 W

**Typical output current
ripple**
≤ 3% ⁽¹⁾

Standards compliance

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
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 max	V out DC	I out DC	U out V	ta °C	tc °C	λ Power Factor	η max. Efficiency ⁽¹⁾
PRO FLAT 12/250	127110	12	10...44	250 mA cost.	59	-25...+50	70	0,9 C - 0,95 Pout > 7W	> 85
PRO FLAT 12/250 BI	127111								
PRO FLAT 13/300	127112	13	10...44	300 mA cost.	59	-25...+50	75	0,9 C - 0,95 Pout > 8W	> 87
PRO FLAT 13/300 BI	127113								
PRO FLAT 15/350	127114	15	10...44	350 mA cost.	59	-25...+50	75	0,9 C - 0,95 Pout > 8W	> 87
PRO FLAT 15/350 BI	127115								
PRO FLAT 22/500	127116	22	5...44	500 mA cost.	59	-25...+45	75	0,9 C - 0,95 Pout > 8W	> 89
PRO FLAT 22/500 BI	127117					-25...+50			
PRO FLAT 30/700	127118	30	5...44	700 mA cost.	59	-25...+45	85	0,9 C - 0,95 Pout > 7W	> 90
PRO FLAT 30/700 BI	127119					-25...+50			
PRO FLAT 36/900	127120	36	5...40	900 mA cost.	59	-25...+40	85	0,9 C - 0,95 Pout > 15W	> 90
PRO FLAT 36/900 BI	127121					-25...+45			
PRO FLAT 40/1050	127122	40	5...40	1,05 A cost.	59	-25...+40	90	0,9 C - 0,95 Pout > 15W	> 90
PRO FLAT 40/1050 BI	127123					-25...+45			

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

Features

- IP20 independent driver, for indoor use (PRO FLAT).
- Class II protection against electric shock for direct or indirect contact (PRO FLAT).
- Driver for built-in use (PRO FLAT BI).
- It can be used for lighting equipment in protection class I and II (PRO FLAT BI).
- Active Power Factor Corrector.
- Current regulation ± 5 % including temperature variations.
- Input and output terminal blocks on opposite sides (wire cross-section up to 1,5 mm² / AWG15).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 10 mm (PRO FLAT).
- 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 (PRO FLAT).
- Protetto in classe II contro le scosse elettriche per contatti diretti e indiretti (PRO FLAT).
- Alimentatore da incorporare (PRO FLAT BI).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I e II (PRO FLAT BI).
- PFC attivo.
- Corrente regolata ± 5 % incluse variazioni di temperatura.
- Morsetti di entrata e uscita contrapposti (sezione cavo fino a 1,5 mm² / AWG15).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 10 mm (PRO FLAT).
- 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 RATE10
YEARS
WARRANTY
5% FAILURE RATEPRODUCER'S LIABILITY
TCI10
YEARS
WARRANTY TO THE END USER
ACCORDING TO THE EUROPEAN DIRECTIVE

The data shown are preliminary and may change - I dati riportati sono preliminari e potrebbero subire variazioni

PRO FLAT - Single Current

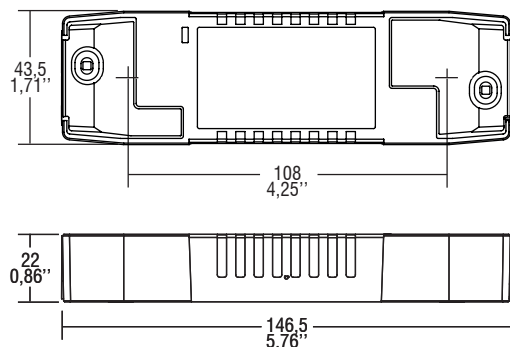


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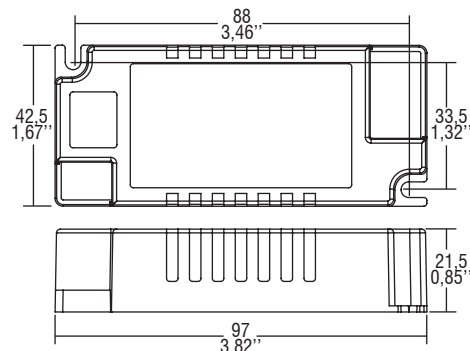
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IP 20 **SCREW FIXING** **Ø50 2"** Weight - Peso gr. 113 / 4 oz.
Pcs - Pezzi 50

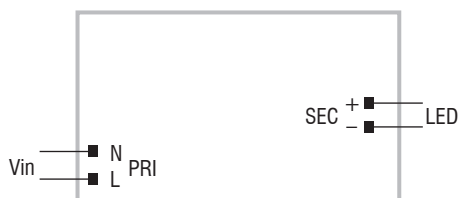


BUILT-IN **SCREW FIXING** Weight - Peso gr. 86 / 3 oz.
Pcs - Pezzi 50



Wiring diagram - Schema di collegamento

(Max. LED distance on page info8 - Massima distanza LED a pagina info8)



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