MP 15 HPFU

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

Made in Italy

constant CURRENT

RIPPLE FREE



1÷2kV DIFF. 2kV COMM. | ACTIVE PFC | DIP-SWITCH | 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)
MP 15 HPFU	127710	2,5 (2,5(2))	2...41,5	60 mA cost.	45	-25...+45	75	0,80 C(3)	85
		3,3 (3,3(2))	2...41,5	80 mA cost.					
		4,1 (4,1(2))	2...41,5	100 mA cost.					
		5 (5(2))	2...41,5	120 mA cost.					
		5,8 (5,8(2))	2...41,5	140 mA cost.					
		6,6 (6,6(2))	2...41,5	160 mA cost.					
		7,4 (7,4(2))	2...41,5	180 mA cost.					
		8,3 (8,3(2))	2...41,5	200 mA cost.					
		9,1 (9,1(2))	2...41,5	220 mA cost.					
		10 (10(2))	2...41,5	240 mA cost.					
		10,8 (10(2))	2...41,5	260 mA cost.					
		11,6 (10(2))	2...41,5	280 mA cost.					
		12,4 (10(2))	2...41,5	300 mA cost.					
		13,2 (10(2))	2...41,5	320 mA cost.					
		14,1 (10(2))	2...41,5	340 mA cost.					
		15 (10(2))	2...41,5	360 mA cost.					

(1) Referred to V_{in} = 230 V, 100% load - Riferito a V_{in} = 230 V, carico 100%
(3) Pout > 4,2 W

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 Operation range
Tensione di utilizzo DC
(see page info15)
170 ÷ 280 V

Power - Potenza
0 ÷ 15 W

iTHD
≤ 60% (1)

Output current ripple
≤ 3% (1)

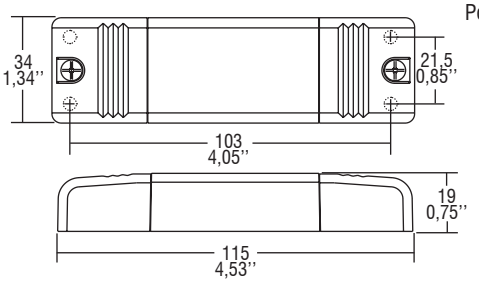
Standards compliance
CSA 22.2 No. 250.13
EN 50172 (VDE0108)
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
UL 1310
UL 8750
VDE 0710-T14

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

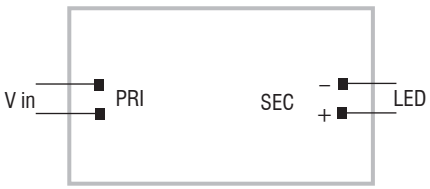
In rush current
27A 250μsec

IP 20 | SCREW FIXING | Ø40 1,57"

Weight - Peso:
gr. 65 / 2,3 oz.
Pcs - Pezzi 50



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



Features
- **Active Power Factor Corrector**.
- Multipower driver supplied with dip-switch for the selection of the output current.
- 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.
- Current regulation ±5 % including temperature variations.

Caratteristiche
- **PFC attivo**.
- Alimentatore multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- 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.
- Corrente regolata ±5 % incluse variazioni termiche.

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