ATON 30/250-700

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

Made in Italy

constant CURRENT

IS 15885 (Part 2 / Sec 13) (3) R - 41049751 — EN 05 — (5) 110 — EL — SELV 60V

RIPPLE FREE — Pst LM ≤ 1 SVM ≤ 0,4

ATON 30/250-700

ATON 30/250-700 BI

1÷2kV DIFF. 2kV COMM. — ACTIVE PFC — DIP-SWITCH — SEC. SWITCH — SAFETY 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 ÷ 276 V

Power - Potenza
5 ÷ 30 W

iTHD
≤ 15% (1)

Output current ripple
≤ 3% (1)

Standards compliance
EN 55015
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)
50 pcs

In rush current
5A 50μsec

Article Articolo	Code Codice	P out W	V out DC	I out DC	U out V	ta °C	tc °C	λ max. Power Factor	η max. Efficiency(1)
ATON 30/250-700 (4)(5)	127362	13	20...54	250 mA cost.	59	-25...+45(4) -25...+50(3)	85	0,96(2)	> 88 %
ATON 30/250-700 BI (3)	127360	15	15...54	280 mA cost.					
		16,5	10...54	310 mA cost.					
		18	2...54	340 mA cost.					
		19,5	2...54	370 mA cost.					
		21	2...54	400 mA cost.					
		22,5	2...54	430 mA cost.					
		24	2...54	460 mA cost.					
		26	2...54	490 mA cost.					
		27,5	2...50	520 mA cost.					
		29	2...50	550 mA cost.					
		30	2...50	580 mA cost.					
		30	2...50	610 mA cost.					
		30	2...46	640 mA cost.					
		30	2...45	670 mA cost.					
		30	2...43	700 mA cost.					

(1) Referred to V_{in} = 230 V, 100% load - Riferito a V_{in} = 230 V, carico 100%
(2) Pout > 12 W
(3) 127360BIS: order code for BIS marked product - codice di ordine per il prodotto marchiato 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

Features
- Multipower driver supplied with dip-switch for the selection of the output current.
- IP20 independent driver, for indoor use (ATON).
- Class I protection against electric shock for direct or indirect contact (ATON).
- Driver for built-in use (ATON BI).
- It can be used for lighting equipment in protection class I (ATON BI).
- Active Power Factor Corrector.
- Current regulation ±5 % including temperature variations.
- Input and output terminal blocks on the opposite 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 (ATON).
- 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 (ATON).
- Protetto in classe I contro le scosse elettriche per contatti diretti e indiretti (ATON).
- Alimentatore da incorporare (ATON BI).
- Utilizzabile per apparecchi di illuminazione in classe di protezione I (ATON 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. 8 mm (ATON).
- 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 — POWERED WITH ELECTRONIC WARRANTY 10 YEARS ACCORDING TO TCI CATALOGUE CONDITIONS

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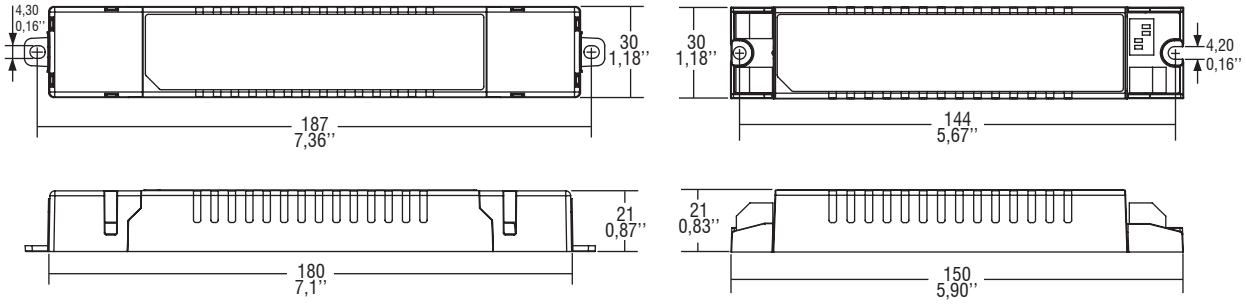
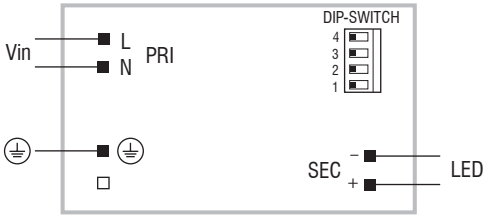
IP 20 | SCREW FIXING | Ø38 1,50'' | Weight - Peso gr. 110 / 3,9 oz. Pcs - Pezzi 50

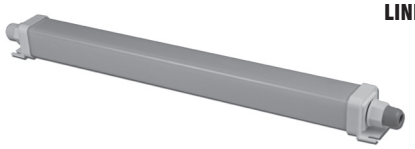
BUILT-IN | SCREW FIXING | Weight - Peso gr. 101 / 3,6 oz. Pcs - Pezzi 70



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



LINEAR BOX IP67
(See pag. **12.8**)



180066/390 (upon request - disponibile a richiesta)