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Datasheet

Direct current electronic driver

RS Stock No.: 796-1898

Direct current electronic drivers multicurrent for power LED with DIP-SWITCH

constant CURRENT



ACTIVE PFC | DIP-SWITCH | 1÷2kV DIFF. 2kV COMM. | SEC. SWITCH | SAFETY PROTECTIONS

Rated Voltage

220 ÷ 240 V

Frequency

50...60 Hz

AC Operation range

198 ÷ 264 V

DC Operation range

DC 176 ÷ 280 V

Power

10 ÷ 80 W

Max. ripple output current

≤ 3% (1)

Article		P out W	V out DC	I out DC	n° LED max. (1)	ta °C	tc °C	λ max. Power Factor	η max. Efficiency (1)
Constant current output									
796-1898		73,5	30÷210 V	350mA cost.	60	-25 +50	85	0,98	> 93
		75,5	30÷210 V	360mA cost.	60				
		77,5	30÷210 V	370mA cost.	60				
		80	30÷210 V	380mA cost.	60				
		80	30÷205 V	390mA cost.	55				
		80	30÷200 V	400mA cost.	55				
		80	30÷195 V	410mA cost.	55				
		80	30÷190 V	420mA cost.	55				
		80	30÷186 V	430mA cost.	50				
		80	30÷181 V	440mA cost.	50				
		80	30÷177 V	450mA cost.	50				
		80	30÷174 V	460mA cost.	50				
		80	30÷170 V	470mA cost.	45				
		80	30÷166 V	480mA cost.	45				
		80	30÷163 V	490mA cost.	45				
		80	30÷160 V	500mA cost.	45				

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

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

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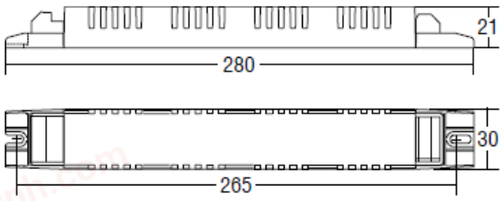
Reference Norms

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

Lamps

Power LED

BUILT-IN SCREW FIXING Weight gr. 140



Wiring diagram



Features

- Driver for built-in use.
- Multi-power driver supplied with dip-switch for the selection of the output current.
- Active Power Factor Corrector.
- Current regulation ±5% including temperature variations.
- Output is not isolated from the input.
- It can be used for lighting equipment in protection class I and II.
- Input and output terminal blocks on opposite sides (terminal area 1,5 mm^2).
- Driver can be secured with slot for screws.
- Protections:
  - against overheating and short circuits;
  - against mains voltage spikes;
  - against overloads.
- Thermal protection = C.5.e.
- Cannot be switched on and off on secondary circuit for power LED.

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