

Datasheet

Direct current electronic driver

RS Stock No.: 796-1898

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

constant
CURRENT



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					

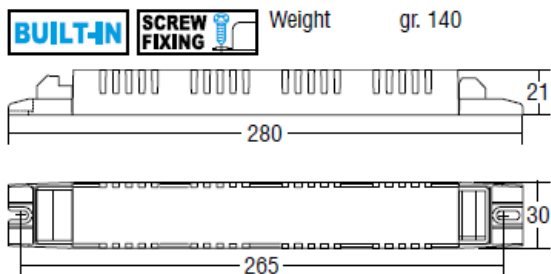
⁽¹⁾ Referred to V_m = 230 V, 100% load - Riferito a V_m = 230 V, carico 100%

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



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 $\pm 5\%$ 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 mm²).
- 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.