

Datasheet

MAXI JOLLY 80 SLIM HV Push & Dali

RS Stock No.: 796-1918

Direct current dimmable electronic drivers multicurrent for power LED



Rated Voltage

220 ÷ 240 V

Frequency

50...60 Hz

AC Operation range

198 ÷ 264 V

DC Operation range

DC 176 ÷ 280 V
(NO PUSH mode function)

Power

6 ÷ 80 W

Max. ripple output current

≤ 3% ⁽¹⁾

Article	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								
DC MAXI JOLLY 80 SLIM HV	35	30 ÷ 170 V	200mA cost.	55	-10 +50	85	0,96	-
	37	30 ÷ 170 V	220mA cost.	55				
	40	30 ÷ 170 V	240mA cost.	55				
	44	30 ÷ 170 V	260mA cost.	55				
	47	30 ÷ 170 V	280mA cost.	55				
	50	30 ÷ 170 V	300mA cost.	55				
	53	30 ÷ 160 V	320mA cost.	55				
	57	30 ÷ 160 V	340mA cost.	50				
	60	30 ÷ 160 V	360mA cost.	50				
	63	30 ÷ 160 V	380mA cost.	50				
	66	30 ÷ 160 V	400mA cost.	50				
	69	30 ÷ 160 V	420mA cost.	50				
	72	30 ÷ 160 V	440mA cost.	50				
	76	30 ÷ 160 V	460mA cost.	45				
80	30 ÷ 160 V	480mA cost.	45					
80	30 ÷ 160 V	500mA cost.	45					

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

Features

- Multi-power driver supplied with dip-switch for the selection of the output current.
- Driver for built-in use.
- It can be used for lighting equipment in protection class I and II.
- Active Power Factor Corrector.
- Analogic input for thermal sensor connection.
- Current regulation $\pm 5\%$ including temperature variations.
- Output is not isolated from the input.
- Stand-by power less than 0,5 W.
- 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.

Operation Mode

- Light regulation 10-100% by means of PUSH and DALI function.
- Features DALI dimming:
 - memory function for sets or light groups;
 - recall of stored functions;
 - compatible with standard DALI interfaces.
- Light regulation 0-100% by means of PUSH function (mains voltage):
 - a short push to turn on and off;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or off command, release the push button and give the desired command again.
- Possibility to use PUSH function to 4/5 drivers without sync cable.
- Maximum length of the cable, from push button to last driver, must be max. 15 m. In case of applications where the cable is longer than 15 m, keep this separate from the mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light.

For additional details for regulations see pages 206-207.

Reference Norms

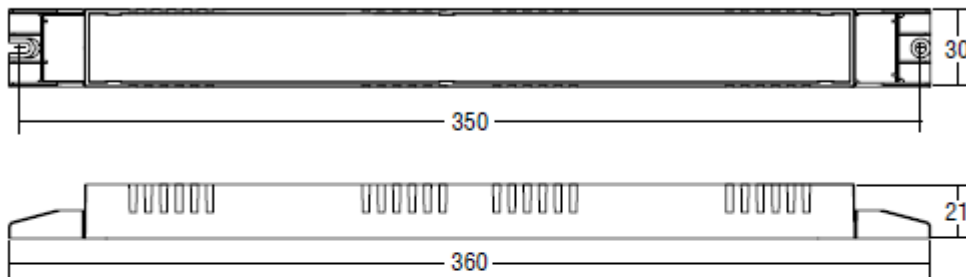
Norme di riferimento:

- 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
- EN 62386

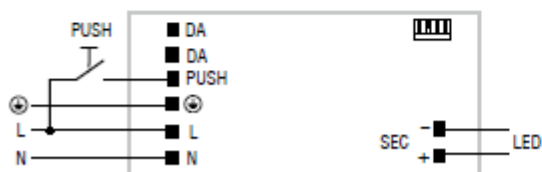
Lamps

Lampade:
Power LED

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Wiring diagram



PUSH diagram



DALI diagram