

DALI MINI JOLLY

Direct current dimmable electronic drivers multivoltage-multicurrent

Made in Europe



constant
CURRENT

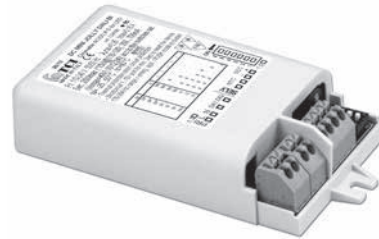
constant
VOLTAGE



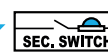
SELV



DALI MINI JOLLY



DALI MINI JOLLY BI



Rated Voltage

110 ÷ 127 V⁽²⁾
220 ÷ 240 V

Frequency

50...60 Hz

AC Operation range

99 ÷ 264 V

DC Operation range

176 ÷ 264 V
(NO PUSH mode
function)

Power

0 ÷ 20 W

Maximum current output ripple

≤ 3%⁽¹⁾

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
VDE 0710-T14

Article	Code	P out W	V out DC	I out DC	n° LED max. ⁽¹⁾	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency ⁽¹⁾	
DALI MINI JOLLY	122403	Constant current output					55	-25...+45	75	0,95	> 87
DALI MINI JOLLY BI	122403BI	10 (10 ⁽²⁾)	43 max.	250 mA cost.	12						
		15 (15 ⁽²⁾)	43 max.	350 mA cost.	12						
		17 (15 ⁽²⁾)	43 max.	400 mA cost.	12						
		19 (15 ⁽²⁾)	43 max.	450 mA cost.	10/11						
		20 (15 ⁽²⁾)	40 max.	500 mA cost.	9/10						
		20 (15 ⁽²⁾)	36 max.	550 mA cost.	9/10						
		20 (15 ⁽²⁾)	33 max.	600 mA cost.	8/9						
Constant voltage output											
		16 (15 ⁽²⁾)	24 cost.	700 mA max.	-	-					

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

Features

- Multi-power 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.
- Driver for built-in use (DALI MINI JOLLY BI).
- It can be used for lighting equipment in protection class I and II (DALI MINI JOLLY BI).
- IP00, creepage distances and clearances rely on the final application according to IEC/EN 60598-1 (DALI MINI JOLLY BI).
- Active Power Factor Corrector.
- Analogical input (NTC) for thermal sensor connection.

- Current regulation ±5 % including temperature variations.
- Input and output terminal blocks on the same side (wire cross-section up to 1,5 mm²).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Thermal protection = C.5.a.
- Can be switched on and off on secondary circuit for power LED

