



## JOLLY MAXI US

Jolly Maxi is a LED converter that gives you full control over your lighting. With a simple set-up, it can customise lighting scenarios and operate most types of constant current DC LED light sources, from 350 mA to 1050 mA, and dimming between 0-100%. The built-in dimmer function provides flicker-free light. The Casambi version also has a push input for spring-loaded switches. With Jolly Maxi US and Jolly Maxi US DALI you can link up to 10 units and control them from one or more locations via push-button reset, potentiometer, 1-10V or via bus/KNX system via actuator. A practical memory function means that the device turns on with the last set value after a possible power failure, even via push button.

### DESCRIPTION

<b>GTIN:</b>	7392971124155
<b>Item Name:</b>	Jolly Maxi US
<b>Warranty:</b>	5 years

### LIGHT TECHNICAL DATA

<b>Life Time Driver:</b>	50 000h/5%
<b>Flicker (PstLM):</b>	0,034
<b>Stroboscopic effect (SVM):</b>	0,022

### TECHNICAL DATA

<b>Voltage (type):</b>	AC
<b>Voltage Interval (V):</b>	220...240V
<b>Voltage Nominal (V):</b>	230
<b>Line Frequency (Hz):</b>	50, 60

## OPERATION AND CONNECTION

<b>Dimmable:</b>	Yes
<b>Type of Dimming:</b>	1-10V, Push 230V, Potentiometer
<b>Driver Model:</b>	Constant Current
<b>Driver Type:</b>	Stand Alone
<b>Driver Manufacturer:</b>	TCI
<b>Connection (type):</b>	Quick Terminal
<b>Strain Relief:</b>	Yes
<b>Voltage Output Interval (V):</b>	2-74V
<b>Power Factor <math>\lambda</math>:</b>	0,95
<b>Efficiency (%):</b>	92
<b>Leakage current (mA) (at 230 V, 50 Hz, full load):</b>	0,5
<b>THD (%):</b>	10
<b>Power Interval for Catalogue (W):</b>	350mA 0-25W (2-74V) 500mA 0-35W (2-72V) 550mA 0-39W (2-72V) 650mA 0-46W (2-72V) 700mA 0-50W (2-72V) 750mA 0-54W (2-72V) 850mA 60W (2-70V) 900mA 0-60W (2-66V) 1000mA 0-60W (2-60V) 1050mA 0-60W( 2-57V)
<b>Constant Current (mA):</b>	1000, 350, 500, 550, 650, 700, 750, 850, 900, 1050
<b>Min. Ta (°C):</b>	-25
<b>Max. Ta (°C):</b>	50
<b>Max. Tc (°C):</b>	85
<b>Dimming secondary side:</b>	Hybrid
<b>Memory Function Power Failure:</b>	Yes
<b>Protection Against:</b>	Short Circuit, Overload, Overheating 110°C
<b>Inrush current (max/time):</b>	10A 200 $\mu$ s
<b>Mains surge protection DM (kV):</b>	4
<b>Mains surge protection CM (kV):</b>	5
<b>Fuse B10 (pcs):</b>	9
<b>Fuse B16 (pcs):</b>	15
<b>Fuse C10 (pcs):</b>	15
<b>Fuse C16 (pcs):</b>	25

## COLOR AND MATERIAL

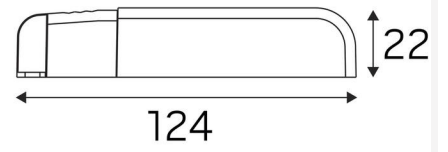
<b>Material:</b>	Plastic
<b>Color:</b>	White
<b>Environmental Assessment:</b>	Byggvarubedömningen

## MEASUREMENT AND INSTALLATION

<b>Operating Environment:</b>	Indoor / dry locations
<b>IP Degree of Protection:</b>	20
<b>Protection Class:</b>	II
<b>Installation:</b>	Built-in, Surface mounted
<b>Fire Safety Marks:</b>	MM-mark
<b>Approval Marks:</b>	CE, S, Kema Keur, ENEC 05
<b>Filament Test IEC 695-2-1(°C):</b>	850
<b>Length (mm):</b>	124
<b>Width (mm):</b>	79
<b>Height (mm):</b>	22
<b>Weight (kg):</b>	0,13
<b>Built-in <math>\varnothing</math> (mm):</b>	85mm



(mm)



DIP Switch position	6	5	4	3	2	1
25W 350mA	-	-	-	-	-	-
35W 500mA	ON	-	-	-	-	-
39W 550mA	-	ON	-	-	-	-
46W 650mA	ON	-	-	ON	-	-
50W 700mA	ON	ON	-	-	-	-
54W 750mA	-	ON	ON	-	-	-
60W 850mA	ON	-	-	-	ON	-
60W 900mA	ON	ON	ON	-	-	-
60W 1000mA	ON	-	-	ON	ON	-
60W 1050mA	ON	ON	ON	ON	-	-

(mm)

